

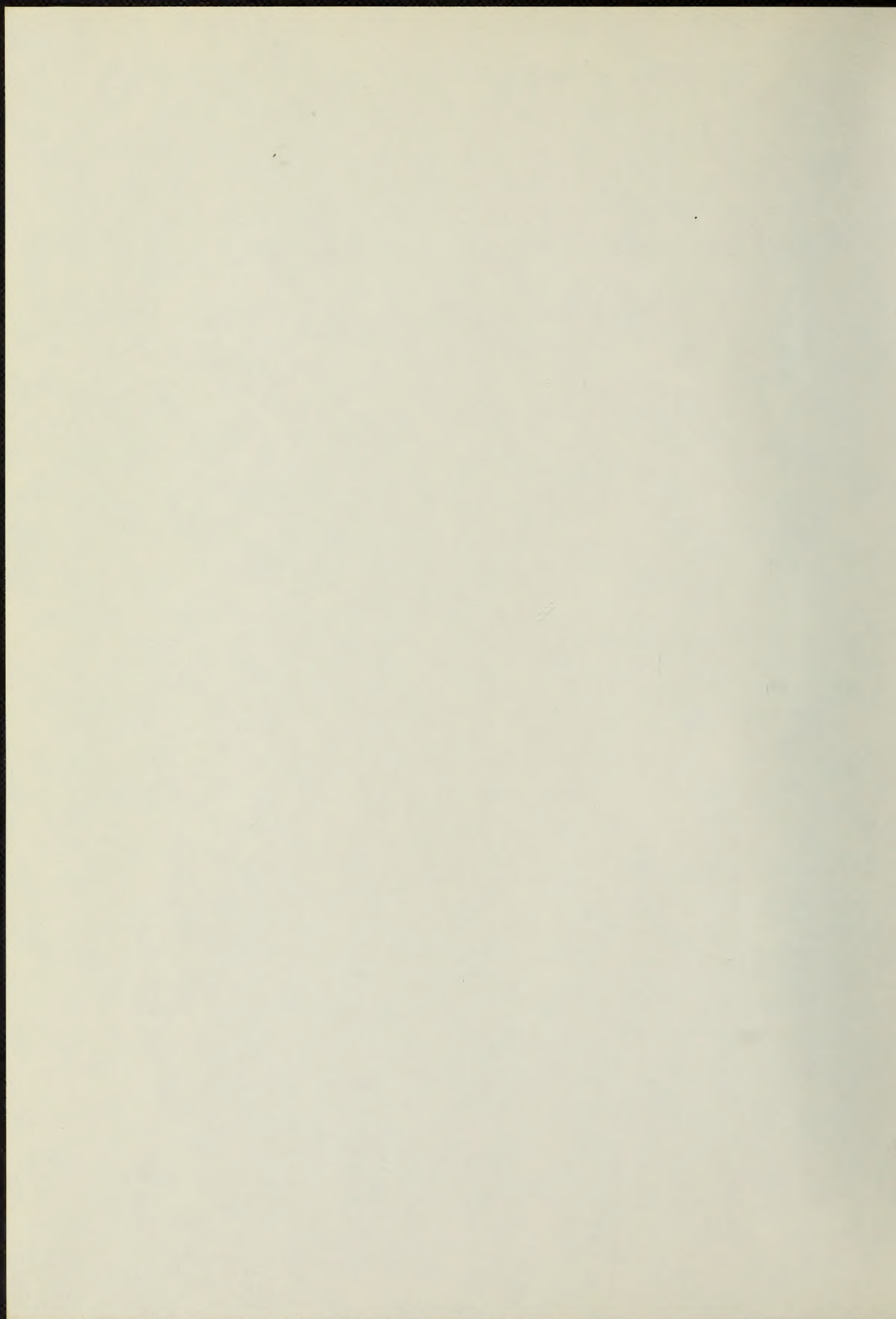
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ENDOCRINOLOGY INDEX

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HEALTH, EDUCATION, AND WELFARE

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EXPLANATION OF FORMAT

The period covered by this issue of the bibliography corresponds to the same months of *Index Medicus*. The journal coverage is limited to journals covered by *Index Medicus*, but the *Endocrinology Index* contains additional subject headings that are not included in *Index Medicus*. The *Endocrinology Index* is arranged in seven sections: 1) Table of Contents; 2) Subject Section; 3) Review Section; 4) Method Section; 5) Author Section; 6) Subject Index; and 7) Author Index.

Subject Section

The Subject Section is for the reader interested in recent literature related to certain broad topics and is divided into eight categories (pituitary, thyroid, etc.). The endocrine pancreas has not been included since it is the subject of another recurring bibliography, *Diabetes Literature Index*. Each category has a preconceived hierarchical organization of subject headings. A particular citation may appear more than once if it deals with multiple topics. Each citation to an article contains the full title, first author, and journal reference. If the article is written in a foreign language, the language is indicated. If the citation is to a review article, the number of references is given.

Author Section

The Author Section provides the reader with a list of keywords or index terms assigned to each citation. Each article appears only once. The citations are arranged alphabetically according to first author and are

numbered consecutively. These numbers are then used in the Author and Subject Indexes to enable the reader to identify references with ease. The complete citation (including index terms) are found but only the first three authors are listed. Foreign titles appear in the original language; these titles have been translated into English in the Subject Section. Following each citation are index terms which have been assigned to describe the contents of the article. Index terms appear in capital letters; some of these are accompanied by subheadings which appear in lower case letters. Asterisks (*) identify the index terms under which articles appear in *Index Medicus*.

Subject Index

All of the index terms assigned to the citations appearing in the bibliography are listed, followed by citation numbers which correspond to the numbers in the Author Section. The Subject Index is included for the convenience of the reader who wishes to select articles falling in categories of his own conception. For example, one who is interested in protein binding of a particular hormone could quickly find whether there were any articles dealing with this subject by determining if there were any citation numbers common to the two headings "protein binding" and the name of the specific hormone.

Author Index

The names of all authors are listed, followed by citation numbers which correspond to the numbers in the Author Section.

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ENDOCRINOLOGY INDEX ^{11C}

National Institute of Arthritis,
Metabolism, and Digestive Diseases

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PREFACE

The *Endocrinology Index* is a bimonthly publication of the National Institute of Arthritis, Metabolism, and Digestive Diseases. This selected bibliography which is produced from the National Library of Medicine's Medical Literature Analysis and Retrieval System (MEDLARS), has been initiated to supply those scientists working in the field of endocrinology with a much needed current awareness tool and is intended to help facilitate greater integration of research and clinical efforts in this field.

Endocrinology Index was developed with the support of contract PH43-66-480 in 1966-70 to Vanderbilt University under the direction of Grant W. Liddle. The National Institute of Arthritis, Metabolism, and Digestive Diseases is most appreciative of the fine work in originally developing and editing the *Index* provided by Grant W. Liddle and Victoria Ragin Liddle and for their continuing editorial advice in making the *Endocrinology Index* a most important and necessary component of endocrinology literature within the biomedical research community.

The Secretary of the Department of Health, Education, and Welfare has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through April 30, 1975.

Table of Contents

CATEGORY 1: PITUITARY

Page

I. Physical and Functional Aspects

Pituitary Gland	1
Pituitary Gland Function Tests*	8
Pituitary-Adrenal Function Tests	
(See CATEGORY 3: ADRENAL)	
Pituitary Gland Irradiation	8
Pituitary Gland, Posterior.	8

II. Disorders of the Pituitary Gland

Acromegaly. . . . .	.10
Adenoma, Basophilic . . . . .	.11
Adenoma, Chromophobe. . . . .	.11
Adenoma, Eosinophilic . . . . .	.11
Chiari-Frommel Syndrome	--
Craniopharyngioma . . . . .	.12
Diabetes Insipidus. . . . .	.12
Dwarfism* . . . . .	.13
Dwarfism, Pituitary . . . . .	.14
Froehlich's Syndrome. . . . .	.14
Gigantism . . . . .	.14
Hyperpituitarism* . . . . .	.14
Hypopituitarism*. . . . .	.14
Hypothalamo-Hypophyseal System, Abnormalities and Injuries. . . . .	.15
Infantilism	--
Pituitary Diseases* . . . . .	.15
Pituitary Gland, Abnormalities and Injuries . . . . .	.15
Pituitary Gland, Posterior, Abnormalities and Injuries.	--
Pituitary Neoplasms*. . . . .	.15
Sheehan's Syndrome. . . . .	.17

III. Pituitary Hormones, Precursors, Metabolites and Synthetic Analogs

Corticotropin (ACTH). . . . .	.18
Follicle Stimulating Hormone (FSH). . . . .	.22
Gonadotropins*. . . . .	.25
Gonadotropins, Pituitary* . . . . .	.26
Luteinizing Hormone (LH), (ICSH). . . . .	.26
Lipotropins . . . . .	.31
Menotropins . . . . .	.31
Melanocyte Stimulating Hormone (MSH). . . . .	.32
Neurophysins. . . . .	.32

*See also more specific terms

III. Pituitary Hormones, Precursors, Metabolites and Synthetic Analogs (Continued)	Page
Oxytocics	33
Oxytocin.	33
Phelypressin.	--
Pituitary Hormones.	34
Pituitary Hormones, Anterior*	34
Pituitary Hormones, Posterior*.	35
Prolactin	35
Somatotropin (GH)	38
Thyrotropin (TSH)	43
Vasopressin (ADH)	45
Vasotocin	47

IV. Related Topics	
Cyclofenil (F-6066)	--
Hypophysectomy.	49
Lactation	49
Somatomedin (Sulfation Factor).	51

CATEGORY 2: THYROID

I. Physical and Functional Aspects	
Thyroid Gland	52
Thyroid Gland Function Tests*	57
Basal Metabolism (See SUBJECT INDEX)	
Protein Bound Iodine Test (See V. Related Topics)	
Thyroidectomy	57
II. Disorders of the Thyroid Gland	
Cretinism	59
Goiter*	59
Goiter, Endemic	60
Goiter, Exophthalmic.	61
Goiter, Nodular	62
Goiter, Substernal.	62
Hyperthyroidism*.	62
Hypothyroidism*	66
Myxedema.	68
Thyroid Crisis.	69
Thyroid Diseases*	69
Thyroid Gland, Abnormalities and Injuries	70
Thyroid Neoplasms	70
Thyroiditis	73
Thyroiditis, Lymphomatous	73

*See also more specific terms

III.	Thyroid Hormones, Precursors, Metabolites and Synthetic Analogs	
	Calcitonin (See CATEGORY 6: PARATHYROID AND BONE)	
	Dextrothyroxine.	--
	Diiodotyrosine	75
	Iodotyrosine	75
	Thyroglobulin.	75
	Thyroid Hormones*.	76
	Thyronine.	77
	Thyroxine.	77
	Triiodothyronine	80
IV.	Thyroid Antagonists and Inhibitors	
	Carbimazole.	83
	Methimazole.	83
	Methylthiouracil	83
	Propylthiouracil	83
	Thiouracil	84
	Thyroid Antagonists*	84
V.	Related Topics	
	Exophthalmos	85
	Exophthalmos Producing Substances (EPS).	--
	Iodides.	85
	Iodine	86
	Iodoproteins	88
	Long-Acting Thyroid Stimulator (LATS).	88
	Protein-Bound Iodine Test.	88
	Thyroxine-Binding Protein.	89
	CATEGORY 3: ADRENAL	
I.	Physical and Functional Aspects	
	Adrenal Glands	90
	Adrenalectomy.	96
	Pituitary-Adrenal Function Tests	98
II.	Disorders of the Adrenal Glands	
	Addison's Disease.	99
	Adenoma, Virilizing.	99
	Adrenal Cortical Rest Tumor.	--

*See also more specific terms

II. Disorders of the Adrenal Glands (Continued)	
Adrenal Gland Diseases*	99
Adrenal Gland Hyperfunction*	100
Adrenal Gland Hypofunction*	101
Adrenal Gland Neoplasms*	101
Adrenal Glands, Abnormalities and Injuries.	103
Adrenogenital Syndrome.	103
Cushing's Syndrome.	104
Hyperaldosteronism.	105
Waterhouse-Friderichsen Syndrome.	106
III. Adrenal Cortex Hormones, Precursors, Metabolites and Synthetic Analogs	
Adrenal Cortex Hormones*	107
Aldosterone	110
Androgens* (See CATEGORY 4: GONADS)	
Androstanes* (See CATEGORY 4: GONADS)	
Androsterone.	112
Betamethasone	113
Corticosterone.	113
Cortisone	115
Dehydroepiandrosterone.	117
Desoxycorticosterone.	117
Dexamethasone	118
Estranes* (See CATEGORY 4: GONADS)	
Estrogens* (See CATEGORY 4: GONADS)	
Etiocholanolone	120
Fludrocortisone	120
Flumethasone.	121
Fluocinolone Acetonide.	121
Fluorometholone	121
Fluprednisolone	---
Flurandrenolone	---
Glucocorticoids*	121
Hydrocortisone.	123
Hydrocortisone, Topical	128
17-Hydroxycorticosteroids	128
Hydroxycorticosteroids.	129
Hydroxypregnenolone (See CATEGORY 4: GONADS)	
Hydroxyprogesterone (See CATEGORY 4: GONADS)	
17-Ketosteroids	129
Ketosteroids.	130

*See also more specific terms

III. Adrenal Cortex Hormones, Precursors, Metabolites and Synthetic Analog (Continued)	
Methylprednisolone. . . . .	.130
Mineralocorticoids* . . . . .	.131
Paramethasone . . . . .	.132
Prednisolone. . . . .	.132
Prednisolone, Topical . . . . .	.134
Prednisone. . . . .	.134
Pregnanediol (See CATEGORY 4: GONADS)	
Pregnanes* (See CATEGORY 4: GONADS)	
Pregnanetriol . . . . .	.136
Pregnenes (See CATEGORY 4: GONADS)	
Pregnenolone (See CATEGORY 4: GONADS)	
Progesterone (See CATEGORY 4: GONADS)	
Triamcinolone . . . . .	.136
Triamcinolone Acetonide . . . . .	.137
IV. Related Topics	
Aminoglutethimide . . . . .	.138
DDD . . . . .	.138
Metirapone. . . . .	.138
Pituitary-Adrenal System. . . . .	.138
Renin . . . . .	.139
Spironolactone. . . . .	.141
Transcortin . . . . .	.142
V. Adrenal Medulla	
Adrenal Medulla . . . . .	.143
Adrenochrome.	----
Catecholamines* . . . . .	.143
Chromaffin System . . . . .	.144
Dopa. . . . .	.145
Dopamine. . . . .	.145
Epinephrine . . . . .	.145
Hydroxydopamine . . . . .	.146
Isoproterenol . . . . .	.146
Methyldopa. . . . .	.146
Methyldopahydrazine	----
Norepinephrine. . . . .	.146
Normetanephrine	----
Pheochromocytoma. . . . .	.147
Vanilmandelic Acid. . . . .	.148

*See also more specific terms

CATEGORY 4: GONADS

Page

I. Physical and Functional Aspects

Gonads*	. . . . .	150
Ovary		
Corpus Luteum	. . . . .	152
Graafian Follicle	. . . . .	153
Ovary*	. . . . .	154
Testis		
Leydig Cells	. . . . .	160
Sertoli Cells	. . . . .	160
Testis*	. . . . .	160

II. Disorders of the Gonads

Arrhenoblastoma	. . . . .	167
Bonnevie-Ullrich Syndrome	. . . . .	---
Brenner Tumor	. . . . .	167
Corpus Luteum, Abnormalities and Injuries	. . . . .	---
Corpus Luteum Cyst	. . . . .	167
Cryptorchism	. . . . .	167
Disgerminoma	. . . . .	168
Eunuchism	. . . . .	168
Gonads, Abnormalities and Injuries	. . . . .	---
Graafian Follicle, Abnormalities and Injuries	. . . . .	---
Granulosa Cell Tumor	. . . . .	169
Gynandroblastoma	. . . . .	---
Hermaphroditism	. . . . .	169
Hypogonadism*	. . . . .	169
Infantilism (See CATEGORY 1: PITUITARY)		
Klinefelter's Syndrome	. . . . .	170
Leydig Cells, Abnormalities and Injuries	. . . . .	---
Leydig Cell Tumor	. . . . .	171
Meigs' Syndrome	. . . . .	171
Ovarian Cysts	. . . . .	171
Ovarian Diseases*	. . . . .	172
Ovarian Neoplasms*	. . . . .	172
Ovary, Abnormalities and Injuries	. . . . .	174
Pseudohermaphroditism	. . . . .	174
Puberty, Precocious	. . . . .	175
Sertoli Cell Tumor	. . . . .	175
Sertoli Cells, Abnormalities and Injuries	. . . . .	---
Sex Chromosome Abnormalities	. . . . .	175

*See also more specific terms

	Page
II. Disorders of the Gonads (Continued)	
Sex Differentiation Disorders	176
Stein-Leventhal Syndrome.	176
Struma Ovarii	---
Testicular Diseases*.	177
Testicular Feminization	177
Testicular Neoplasms*	177
Testis, Abnormalities and Injuries.	179
Theca Cell Tumor.	179
Turner's Syndrome	179
III. Gonadal Hormones, Precursors, Metabolites and Synthetic Analogs	
Algestone Acetophenide.	181
Anabolic Steroids*.	181
Androgens*.	181
Androstanes*.	182
Androstenedione	183
Androstenes*.	183
Androstenols.	183
Androsterone (See CATEGORY 3: ADRENAL)	
Chlormadinone	184
Chlorotrianisene.	184
Clomiphene.	184
Contraceptives, Oral*	185
Contraceptives, Postcoital.	187
Corpus Luteum Hormones.	187
Cronolone.	187
Cyproterone	188
Dehydroepiandrosterone (See CATEGORY 3: ADRENAL)	
Diethylstilbestrol.	188
Dimethisterone.	189
Dromostanolone.	189
Dydrogesterone.	189
Estradiol	189
Estranes	195
Estriol.	195
Estrogenic Substances, Conjugated	196
Estrogens*.	196
Estrone	200
Ethinyl Estradiol	201
Ethisterone	---
Ethylestrenol	202

*See also more specific terms

III. Gonadal Hormones, Precursors, Metabolites and Synthetic Analogues (Continued)

Ethinodiol Diacetate.	203
Etiocholanolone (See CATEGORY 3: ADRENAL)	
Fertility Agents.	203
Fluorometholone	203
Fluoxymesterone	203
Gonanes*.	---
Hexestrol	203
Hydroxymethyltestosterone	---
Hydroxypregnenolone	203
Hydroxyprogesterone	204
17-Ketosteroids (See CATEGORY 3: ADRENAL)	
Lynestrenol	204
Medroxyprogesterone	205
Megestrol	205
Menotropins (See CATEGORY 3: ADRENAL)	
Mestranol	205
Methandrostenolone.	206
Methenolone	206
Methyltestosterone.	206
Nandrolone.	206
Norethandrolone	---
Norethindrone	207
Norethynodrel	207
Norgestrel.	208
Normethandrolone.	---
Oxandrolone	208
Oxymetholone.	---
Pregnanediol.	208
Pregnanes*.	209
Pregnanetriol (See CATEGORY 3: ADRENAL)	
Pregnenes*.	209
Pregnenolone.	209
Progestational Hormones	210
Progesterone.	211
Relaxin	216
Sex Hormones*	216
Stanolone	217
Stanozolol.	218
Testolactone.	218
Testosterone.	218

*See also more specific terms

IV. Related Topics

Castration.	224
Estrus.	224
Feminization.	225
Lactation (See CATEGORY 1: PITUITARY)	
Ovulation	225
Puberty	226
Sex Chromatin	227
Sex Chromosomes	227
Sex Determination	230
Sex Reversal, Gonadal	230

CATEGORY 5: PLACENTA

I. Physical and Functional Aspects.	231
---	-----

II. Disorders of the Placenta

Chorioadenoma	233
Choriocarcinoma	233
Hydatidiform Mole	233
Placenta, Abnormalities and Injuries.	234
Placenta Disorders.	234
Trophoblastic Tumor	235

III. Placental Hormones, Precursors, Metabolites and Synthetic Analogs
(See also specific terms in CATEGORY 3: ADRENAL and CATEGORY 4:
GONADS)

Gonadotropins, Chorionic.	236
Gonadotropins, Equine	238
Placental Extracts.	238
Placental Hormones*	238
Placental Lactogen.	238
Somatomammotropin	239

CATEGORY 6: PARATHYROID AND BONES

I. Physical and Functional Aspects.	240
---	-----

II. Disorders of the Parathyroid Glands

Hyperparathyroidism	242
Hyperparathyroidism, Secondary.	244
Hypoparathyroidism.	244
Parathyroid Diseases*	245
Parathyroid Glands, Abnormalities and Injuries.	245
Parathyroid Neoplasms	245

*See also more specific terms

	Page
III. Parathyroid Hormone	247
IV. Bone Metabolism and Related Topics	
Bone and Bones.	250
Calcification, Physiologic.	254
Calcitonin (Thyrocalcitonin).	254
Calcium Metabolism.	256
Cholecalciferol	260
Dihydotachysterol.	261
Ergocalciferol.	261
Hydroxycholecalciferol.	262
Hypercalcemia	263
Osteogenesis Imperfecta	264
Osteomalcia	264
Osteopetrosis	265
Osteoporosis.	266
Pseudohypoparathyroidism.	267
Pseudopseudohypoparathyroidism.	---
Renal Osteodystrophy.	268
Rickets	268
Rickets, Vitamin D Resistant.	269
Tetany.	269
Thyrocalcitonin (See Calcitonin)	
Vitamin A	270
Vitamin D	270
Vitamin D Deficiency.	271

CATEGORY 7: NEUROENDOCRINOLOGY

I. Physical and Functional Aspects	
Amygdaloid Body	273
Hypothalamo-Hypophyseal System.	274
Hypothalamus.	275
Neurosecretory Systems.	281
Pineal Body	282
II. Disorders of the Amygdaloid Body	
Amygdaloid Body, Abnormalities and Injuries	---
Hypothalamus, Abnormalities and Injuries.	---
Pineal Body, Abnormalities and Injuries	---
Pinealoma	283

	Page
III. Neuroendocrine System Hormones, Precursors, Metabolites and Synthetic Analogs	
Corticotropin Releasing Hormone (CRH)	284
LH-FSH Releasing Hormone	284
Melatonin.	286
Pituitary Hormone Releasing Hormones*.	287
Somatotropin Releasing Hormone	287
Thyrotropin Releasing Hormone (TRH).	288
CATEGORY 8: CYCLIC NUCLEOTIDES	
Adenosine Cyclic 3', 5' Monophosphate.	290
Guanosine Cyclic 3', 5' Monophosphate.	296
CATEGORY 9: APPENDIX	
Adenyl Cyclase	298
Guanyl Cyclase	300
Hormones, Ectopic.	300
Neoplastic Endocrine-like Syndromes.	300
Nerve Growth Factor.	301
Prostaglandins	301
Receptors, Hormone	308
REVIEW SECTION	310
METHOD SECTION	316
AUTHOR SECTION	A-1
SUBJECT INDEX.	A-421
AUTHOR INDEX	A-467

*See also more specific terms



PITUITARY

I. Physical and Functional Aspects

PITUITARY GLAND

Action of plasmin on oxidized bovine growth hormone. Gráf L, et al. *Arch Biochem Biophys* 161:691-5, 2 Apr 74
 Proceedings: Functional affinities of the non-zoned adrenocortical tissue of the skink *Tiliqua rugosa* with the zone glomerulosa of the rat adrenal. Vinson GP, et al. *N Engl J Med* 291:lxvllxvii, 11 Jun 74
 Unique pituitary peptides with behavioral-affecting activity. Lande S, et al. *Prog Brain Res* 39:421-7, 1973
 [Role of adrenergic receptors in the mechanism of bronchial spasm] Wasek Z, et al.
Wiad Lek 27:515-20, 15 Mar 74 (Eng. Abstr.) (Pol)

ABNORMALITIES

Underdevelopment of the pituitary. Crome L.
Dev Med Child Neurol 16:222-4, Apr 74

ANALYSIS

Human amniotic fluid prolactin. Purification by affinity chromatography and amino-terminal sequence.
 Hwang P, et al. *Biochemistry* 13:2354-8, 21 May 74
 Effects of electrical stimulation of the brain on gonadotropin secretion in male rats. Kawakami M, et al. *Endocrinol Jap* 20:447-54, Oct 73
 Separation of pituitary mammothrophs from the female rat by velocity sedimentation at unit gravity. Hymer WC, et al. *Endocrinology* 95:107-22, Jul 74
 Purified somatotrophs from rat adenohipophysis: response to secretagogues. Kralcer J, et al. *Endocrinology* 94:1525-30, Jun 74
 Separation of two distinct gonadotropins from the pituitary gland of the bullfrog *Rana catesbeiana*. Licht P, et al. *Endocrinology* 94:1587-94, Jun 74
 The pharmacological characterization of arginine vasotocin in the pituitary of the pacific hagfish [*Pollstotrema stoutii*]. Rurak DW, et al.
Gen Comp Endocrinol 22:480-8, Apr 74
 Histochemical demonstration of thyrotropic and gonadotropic cells in the pituitary gland of the rat by the use of a lead tetraacetate-sodium bisulphite technique. Klessen C. *Histochem J* 6:311-8, May 74
 The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohipophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenerová V, et al. *Horm Metab Res* 6:208-13, May 74
 Isolation and characterization of subunits from equine pituitary follicle-stimulating hormone. Landefeld TD, et al. *J Biol Chem* 249:3527-31, 10 Jun 74
 Proceedings: Dihydrotestosterone binding in brain and pituitary cytosol of rats. Ginsburg M, et al. *J Endocrinol* 61:xxiv, Apr 74
 Proceedings: Plasma and pituitary hormone levels during early stages of pregnancy in the rat. O'Grady JE, et al. *J Endocrinol* 61:xxvxi, Apr 74
 Plasma corticosterone concentrations and pituitary prolactin content in the pregnancy and their within-day fluctuations in the rat. Ota K, et al. *J Endocrinol* 61:21-8, Apr 74
 Corticotrophin-like peptides in the rat pituitary. Scott AP, et al. *J Endocrinol* 61:355-67, Jun 74
 Purification and characterization of porcine corticotrophin-like intermediate lobe peptide. Scott AP, et al. *J Endocrinol* 61:369-80, Jun 74
 Ultrastructural immunocytochemical localization of prolactin in rat anterior pituitary by use of the

unlabeled antibody enzyme method. Parsons JA, et al. *J Histochem Cytochem* 22:340-51, May 74
 Proceedings: Fractionation and assay of chicken prolactin. Bolton N, et al.
J Physiol (Lond) 238:1P-2P, Apr 74
 Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the CSH-ST mouse. Sinha YN, et al.
N Engl J Med 291:219-29, 11 Jun 74
 Localisation of a fibroblast growth factor and its effect alone and with hydrocortisone on 3T3 cell growth. Gospodarowicz D. *Nature* 249:123-7, 10 May 74
 Fluctuation of hypothalamic luteinizing hormone releasing hormone and pituitary gonadotropins in laying and non-laying hens. Harrison PC, et al. *Poult Sci* 53:554-9, Mar 74
 Radioimmunoassay determinations of gonadotropic hormone content in different regions of male and female rat adenohipophyses. Schafer SJ, et al. *Proc Soc Exp Biol Med* 146:546-8, Jun 74
 [Fetal and postnatal development of growth hormone content in the ovine hypophysis] Charrier J. *Ann Biol Anim Biochim Biophys* 13:115-63, 1973 (Eng. Abstr.) (Fre)
 [Organ porphyrins in 2 different forms of porphyria] Zawirska B.
Acta Haematol Pol 5:127-31, Apr-Jun 74 (Eng. Abstr.) (Pol)
 [Effect of a physical load of varying duration on the function of the hypothalamo-hypophyseal-adrenal system in rats] Karaulova LK.
Fiziol Zh SSSR 59:1322-5, Sep 73 (Eng. Abstr.) (Rus)
 [Use of electrophoresis in soluble polyacrylamide gel for determining the specific radioactivity of protein fractions] Martynenko FP, et al.
Ukr Biokhim Zh 46:252-4, Mar-Apr 74 (Eng. Abstr.) (Ukr)
 [Monoamine and adenine nucleotide content in the rat hypothalamus in hypo- and hyperthyroidism] Martynenko FP, et al.
Ukr Biokhim Zh 45:624-7, Sep-Oct 73 (Eng. Abstr.) (Ukr)

ANATOMY & HISTOLOGY

Sex hormones--effects on prolactin cells. el Etreby MF, et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
 Pineal control of photo-endocrine responses in growing Japanese quail. Oishi T, et al.
Endocrinology 94:1731-4, Jun 74
 Evidence for PAS positive reaction of the corticotroph granules of the rat adenohipophysis. Bowie EP, et al. *Histochemie* 38:281-4, 6 Mar 74
 Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al. *Int J Cancer* 11:90-4, 15 Jan 73
 Proceedings: The pharyngeal hypophysis in the laboratory animal. McGrath P. *J Anat* 116:466, Dec 73
 Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)
 Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the CSH-ST mouse. Sinha YN, et al.
N Engl J Med 291:219-29, 11 Jun 74
 Effects of light environment on emotionality and endocrine system of inbred mice. Mos L, et al. *Physiol Behav* 12:981-9, Jun 74
 [Evolution of hypothalamo-pituitary connections]

PITUITARY GLAND

PITUITARY

Dedov II.
Dokl Akad Nauk SSSR 215:757-60, 21 Mar 74 (Rus)

BLOOD SUPPLY

Ultrastructure of the fetal rat adenohypophysis.
Svalander C.
Acta Endocrinol [Suppl] (Kbh) 188:1-113, 1974
Transport of LRF from CSF to hypophyseal portal and systemic blood and the release of LH. Ben-Jonathan N, et al. Endocrinology 95:18-25, Jul 74

CYTOLOGY

Cytoplasmic microfilaments in the anterior lobe of the human pituitary gland. Kovacs K, et al.
Acta Anat (Basel) 87:414-26, 1974
Ultrastructure of the fetal rat adenohypophysis.
Svalander C.
Acta Endocrinol [Suppl] (Kbh) 188:1-113, 1974
The neurophysins. Breslow E.
Adv Enzymol 40:271-333, 1974 (139 ref.)
Cell types in the adenohypophysis of the puffer, *Fugu stictionotus*, with special reference to the basophils in the pars distalis. Chiba A, et al.
Arch Histol Jap 36:291-305, Mar 74
Studies on the endocrine glands of a salmonoid fish, the Ayu, *Plecoglossus altivelis* Temminck et Schlegel-IX. Seasonal changes in the cells of the adenohypophysis, especially the prolactin producing cells. Honma Y, et al.
Arch Histol Jap 36:237-50, Jan 74
Characterization of the interaction between 17 beta-estradiol and its cytoplasmic receptor in the rat anterior pituitary gland. Korach KS, et al.
Biochemistry 13:1932-8, 23 Apr 74
Pituitary gland polyribosomal function in rats bearing pituitary hormone-secreting tumors. Reagen CR, et al.
Biochim Biophys Acta 353:77-88, 14 Jun 74
Stability of secretory granules containing growth hormone and prolactin from bovine anterior pituitary gland. Lemay A, et al. Can J Biochem 52:327-35, Apr 74
The cell-types in the adenohypophysis of the Indian catfish *Heteropneustes fossilis* (Bloch). Baker BI, et al.
Cell Tissue Res 148:347-58, 30 Apr 74
A comparative ultrastructural study of the pars tuberalis of various mammals, the chicken and the newt. Dellmann HD, et al.
Cell Tissue Res 148:313-29, 30 Apr 74
Separation of pituitary mammothrophs from the female rat by velocity sedimentation at unit gravity. Hymer WC, et al. Endocrinology 95:107-23, Jul 74
Purified somatotrophs from rat adenohypophysis: response to secretagogues. Kraicer J, et al.
Endocrinology 94:1525-30, Jun 74
Fine structure of the secretory activity of the pars intermedia of *Rana pipiens*. Perryman EK.
Gen Comp Endocrinol 23:94-110, May 74
Histochemical demonstration of thyrotrophic and gonadotrophic cells in the pituitary gland of the rat by the use of a lead tetraacetate-sodium bisulphite technique. Kleasen C. Histochem J 6:311-8, May 74
Evidence for PAS positive reaction of the corticotroph granules of the rat adenohypophysis. Bowie EP, et al.
Histochemie 38:281-4, 6 Mar 74
Fluorescamine: a novel reagent for the histochemical detection of amino groups. Håkanson R, et al.
Histochemistry 39:15-23, 27 Mar 74
Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al. Int J Cancer 11:90-4, 15 Jan 73
The enrichment of adenylate cyclase in the plasma membrane and golgi subcellular fractions of porcine adenohypophysis. McKeel DW Jr, et al.
J Cell Biol 62:231-6, Jul 74
Autoradiographic studies of synthesis and intracellular migration of glycoproteins in the rat anterior pituitary gland. Pelletier G. J Cell Biol 62:185-97, Jul 74
Ultrastructural immunocytochemical localization of prolactin in rat anterior pituitary by use of the unlabeled antibody enzyme method. Parsons JA, et al.
J Histochem Cytochem 22:340-51, May 74
The action of protein synthesis inhibitors and thyrotrophin releasing factor on the ultrastructure of rat thyrotrophs. Cuervo-Rocha S, et al.
J Ultrastruct Res 43:1-16, Jul 74
Radioimmunoassay determinations of gonadotrophic hormone content in different regions of male and female rat adenohypophyses. Schafer SJ, et al.
Proc Soc Exp Biol Med 146:546-8, Jun 74
Biogenic amines in the pituitary gland: what is their

origin and function? Pituitary indolamines. Hyyppä M, et al. Prog Brain Res 39:211-5, 1973 (29 ref.)
Distribution of biogenic amines in the pituitary gland. Jacobowitz DM.
Prog Brain Res 39:199-209, 1973 (22 ref.)
[Preparation of somatotroph cells of the adenohypophysis in thin sections by Luxol-Fast-Blue (author's trans)] Steinberger E.
Mikroskopie 30:34-7, Feb 74 (Eng. Abstr.) (Ger)

DRUG EFFECTS

Cytoplasmic microfilaments in the anterior lobe of the human pituitary gland. Kovacs K, et al.
Acta Anat (Basel) 87:414-26, 1974
Neuro-glandular junctions in the pars intermedia of the rabbit. Lawzewitzsch I von, et al.
Acta Anat (Basel) 87:409-13, 1974
Pituitary thyrotroph function in hypothyroid rats. Ching M, et al.
Acta Endocrinol (Kbh) 75:221-32, Feb 74
Effects of norethisterone on pituitary and ovarian function. Collins WP, et al.
Acta Endocrinol (Kbh) 75:357-67, Feb 74
Effects of adrenaline on insulin-induced release of growth hormone and cortisol in man. Müller-Heas R, et al. Acta Endocrinol (Kbh) 75:260-73, Feb 74
Irreversible inhibition of pituitary prolactin and growth hormone secretion and of mammary gland development in mice by monosodium glutamate administered neonatally. Nagasawa H, et al.
Acta Endocrinol (Kbh) 75:249-59, Feb 74
A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al.
Acta Endocrinol (Kbh) 76:556-69, Jul 74
The effect of thyrotrophin releasing hormone on the release of thyrotrophin and other pituitary hormones in man under basal conditions and following adrenergic blocking agents. Nilsson KO, et al.
Acta Endocrinol (Kbh) 76:24-34, May 74
Control of pituitary FSH in male rats. Steinberger E, et al.
Acta Endocrinol (Kbh) 76:235-41, Jun 74
Sex hormones--effects on prolactin cells. El Etreby MF, et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
The neurophysins. Breslow E.
Adv Enzymol 40:271-333, 1974 (139 ref.)
Pituitary 45 Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al.
Am J Physiol 226:1315-20, Jun 74
Cell types in the adenohypophysis of the puffer, *Fugu stictionotus*, with special reference to the basophils in the pars distalis. Chiba A, et al.
Arch Histol Jap 36:291-305, Mar 74
Stability of secretory granules containing growth hormone and prolactin from bovine anterior pituitary gland. Lemay A, et al. Can J Biochem 52:327-35, Apr 74
Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al.
Clin Endocrinol (Oxf) 3:41-8, Jan 74
The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al.
Clin Endocrinol (Oxf) 3:27-39, Jan 74
Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Mortimer CH, et al.
Clin Endocrinol (Oxf) 3:19-25, Jan 74
Gonad-pituitary feedback involves qualitative change: androgens alter the type of FSH secreted by the rat pituitary. Bogdanove EM, et al.
Endocrinology 95:219-28, Jul 74
Diminishing corticotrope capacity to release ACTH during sustained stimulation: the twenty-four hours after bilateral adrenalectomy in the rat. Dallman MF, et al. Endocrinology 95:65-73, Jul 74
Total blockade of phasic pituitary prolactin release in rats: effect on serum LH and progesterone during the estrous cycle and pregnancy. Döhler KD, et al.
Endocrinology 94:1595-600, Jun 74
The different effect of thyroidectomy, KClO4 and propylthiouracil on insulin secretion and glucose uptake in the rat. Jolán T, et al.
Endocrinology 94:1502-7, Jun 74
Effect of blockade of dopaminergic receptors on prolactin and LH release: median eminence and

- pituitary sites of action. Ojeda SR, et al. *Endocrinology* 94:1560-7, Jun 74
- Stimulation of prolactin release in vivo by thyrotropin-releasing hormone (TRH) through direct action on the ectopic rat pituitary. Porteus SE, et al. *Endocrinology* 94:1699-703, Jun 74
- Inhibition of rat prolactin release by apomorphine in vivo and in vitro. Smalstig EB, et al. *Endocrinology* 95:123-9, Jul 74
- Influence of streptozotocin diabetes on the ultrastructure of growth hormone producing cells in the rat pituitary. Murakami M, et al. *Endokrinologie* 62:357-68, 1973
- The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al. *Eur J Pharmacol* 25:403-6, Mar 74
- Comparative responsiveness of euthyroid and hypothyroid rat pituitary tissue to thyrotropin releasing hormone in vitro. May P, et al. *Experientia* 30:433-4, 15 Apr 74
- Gonadotropins and preantral follicular maturation in women. Ross GT. *Fertil Steril* 25:522-43, Jun 74 (85 ref.)
- Effect of monosodium glutamate on the endocrine glands and on the reproductive function of the rat. Trentini GP, et al. *Fertil Steril* 25:478-83, Jun 74
- Increased sensitivity and partial refractoriness of the human pituitary to repeated synthetic LH-RH stimulations. Serra GB, et al. *Folia Endocrinol (Roma)* 27:158-67, Apr 74
- Influence of age on the pituitary response of male lambs to synthetic lh-rh injection. Galloway DG, et al. *Horm Metab Res* 6:240-1, May 74
- Serum and pituitary gonadotropin levels in alloxan-diabetic rats. Howland BE, et al. *Horm Metab Res* 6:121-4, Mar 74
- The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al. *Horm Res* 5:173-81, 1974
- Effect of 17 alpha-hydroxypregnenolone on spermatogenesis and fertility of rats. Sud NK, et al. *Indian J Exp Biol* 11:484-7, Nov 73
- Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al. *Int J Cancer* 11:90-4, 15 Jan 73
- The enrichment of adenylate cyclase in the plasma membrane and golgi subcellular fractions of porcine adenohypophysis. McKeel DW Jr, et al. *J Cell Biol* 62:231-6, Jul 74
- Elevation of plasma neurophysin in women on oral contraceptives. Robinson AG. *J Clin Invest* 54:209-12, Jul 74
- Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74
- Proceedings: Effect of ovarian steroids on pituitary sensitivity to luteinizing hormone releasing factor in the rat. Aiyer MS, et al. *J Endocrinol* 61:xii, Apr 74
- Proceedings: Effects of various synthetic fragments of the decapeptide molecule of gonadotrophin releasing factor on the release of luteinizing hormone from ovine pituitary tissue in vitro. Crighton DB, et al. *J Endocrinol* 61:xi, Apr 74
- DNA synthesis and the secretion of prolactin and growth hormone by the pituitary gland of the male rat: effects of diethylstilboestrol and 2-bromo-alpha-ergocryptine methanesulphonate. Davies C, et al. *J Endocrinol* 61:411-7, Jun 74
- Action of growth hormone release inhibitory hormone on prolactin release in rat pituitary cell cultures. Grant NH, et al. *J Endocrinol* 61:163-4, Apr 74
- Proceedings: The lack of response of the sheep pituitary to luteinizing hormone releasing hormone stimulation in gestation and early lactation; the probable role of progesterone. Jenkin G, et al. *J Endocrinol* 61:12-3, Apr 74
- Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al. *J Endocrinol* 61:123-31, Apr 74
- The effect of ergocornine on melanophores of *Ambystoma tigrinum*: evidence for suppression of pituitary MSH release. Platt JE, et al. *J Exp Zool* 189:7-12, Jul 74
- Analog of the luteinizing hormone-releasing hormone to study conformational aspects of the aromatic amino acid moieties and inhibition. Humphries J, et al. *J Med Chem* 17:569-71, Jun 74
- Inhibitory effect of 2-br-alpha-ergocryptine-methane-sulfonate on renal carcinogenesis in the male hamster. Hamilton JM, et al. *J Natl Cancer Inst* 52:1929-30, Jun 74
- Proceedings: The effect of thyrotrophin releasing factor on the secretion of thyroid stimulating hormone and prolactin from the chicken anterior pituitary gland. Bolton N, et al. *J Physiol (Lond)* 238:78P-79P, Apr 74
- Proceedings: Stereotaxic placement of cannula guides in the brain of sheep. Forbes JM. *J Physiol (Lond)* 238:2P-3P, Apr 74
- Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al. *J Reprod Fertil [Suppl]* 20:119-36, Dec 73 (64 ref.)
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
- The action of protein synthesis inhibitors and thyrotropin releasing factor on the ultrastructure of rat thyrotrophs. Cuervo-Rocha S, et al. *J Ultrastruct Res* 48:1-16, Jul 74
- Hypothalamic-pituitary-prolactin axis in breast cancer. Mittra I, et al. *Lancet* 1:889-91, 11 May 74
- Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylate cyclase and cyclic adenosine 3',5' monophosphate by hypothalamic extract. Zor U, et al. *Metabolism* 23:549-59, Jun 74
- Proceedings: Stimulation of melanocyte-stimulating hormone release in vitro by cyclic AMP. Baker BI. *N Engl J Med* 291:xxv, 11 Jun 74
- Proceedings: Corticosteroid feedback at the pituitary level. Brush FR, et al. *N Engl J Med* 291:lxiv-lxv, 11 Jun 74
- Effects of cyproterone acetate on growth and feeding in rats. Vilberg TR, et al. *Pharmacol Biochem Behav* 2:309-16, May 74
- Release of gonadotropins from the chicken pituitary by synthetic LH-RH-FSH-RH. Tanaka K, et al. *Poult Sci* 53:74-7, Jan 74
- Inhibitory and facilitatory effects of estradiol 17beta on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. Cooper KJ, et al. *Proc Soc Exp Biol Med* 145:1422-6, Apr 74
- Inhibition of prolactin secretion by cholinergic drug. Grandison L, et al. *Proc Soc Exp Biol Med* 145:1236-9, Apr 74
- Pituitary-adrenal activation and related responses to delta1-tetrahydrocannabinol. Barry H 3d, et al. *Prog Brain Res* 39:323-30, 1973
- Distribution of biogenic amines in the pituitary gland. Jacobowitz DM. *Prog Brain Res* 39:199-209, 1973 (22 ref.)
- The biological profile of a new synthetic progestagen-GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74
- A competitive radioligand assay for danazol (17 alpha-pregn-4-en-20-yno(2,3-d)isoxazol-17-ol) using pregnant guinea pig plasma. Creange JE, et al. *Steroids* 23:411-20, Mar 74
- [The binding of labelled thyroxine on protein of estrogenized rat adenohypophysis in vitro: kinetics of displacement by stable thyroxine (author's transl)] Schreiber V, et al. *Sb Lek* 74:257-62, Sep 72 (Eng. Abstr.) (Cze)
- [Effect of a new derivative of cyclic AMP on the liberation and synthesis of growth hormone and pituitary prolactin] Cehovic G, et al. *C R Acad Sci [D] (Paris)* 277:2057-60, 12 Nov 73 (Fre)
- [Effect of 5-hydroxytryptophan on the secretion of somatotrophic hormone in man] Giordano G, et al. *Arch E Maragliano Patol Clin* 29:1-5, Jan 73 (Eng. Abstr.) (Ita)
- [Study of the pituitary corticotropin reserve with metyrapone in subjects treated with a steroid association and with the single components] Balestreri R, et al. *Folia Endocrinol (Roma)* 27:168-78, Apr 74 (Eng. Abstr.) (Ita)
- [The pituitary and testicular response to clomiphene during hepatic cirrhosis] Rolandi E, et al.

- Folia Endocrinol (Roma)** 27:290-302, Jun 74 (Eng. Abstr.) (Ita)
 [Effect of L-dopa on hypothalamic-pituitary-thyroid axis in the rats] Tonooka N, et al.
Folia Endocrinol Jap 50:30-41, 20 Jan 74 (Jap)
 [Functional activity of the hypothalamus-pituitary gland-adrenal cortex system in dogs after prolonged administration of dexamethasone] Razina LG, et al.
Probl Endokrinol (Mosk) 20:101-5, Mar-Apr 74 (Eng. Abstr.) (Rus)

EMBRYOLOGY

- Ultrastructure of the fetal rat adenohypophysis. Svalander C.
Acta Endocrinol [Suppl] (Kbh) 188:1-113, 1974
 Cell migration and the alimentary system: endocrine contributions of the neural crest to the gut and its derivatives. Pearse AG.
Dev Psychobiol 8:373-85, 1973 (46 ref.)
 [Steriometric reconstruction of hypophysis and fossa hypophyseos of the cat in 2 definated stages of development] Lancho JL, et al.
Verh Anat Ges 67:599-601, 1973 (Ger)

ENZYMOLOGY

- Ultrastructure of the fetal rat adenohypophysis. Svalander C.
Acta Endocrinol [Suppl] (Kbh) 188:1-113, 1974
 The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohypophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenková V, et al.
Horm Metab Res 6:208-13, May 74
 The enrichment of adenylate cyclase in the plasma membrane and golgi subcellular fractions of porcine adenohypophysis. McKeel DW Jr, et al.
J Cell Biol 62:231-6, Jul 74
 Protein and peptide hydrolases of the rat hypothalamus and pituitary. Marks N, et al.
J Neurochem 23:735-9, May 74
 Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. Diliberto EJ Jr, et al.
Proc Natl Acad Sci USA 71:1701-4, May 74

GROWTH & DEVELOPMENT

- Serum and pituitary gonadotropin levels in alloxan-diabetic rats. Howland BE, et al.
Horm Metab Res 6:121-4, Mar 74
 Immunoreactive growth hormone levels in mice with the obese-hyperglycemic syndrome (genotype obob). Roos P, et al.
Horm Metab Res 6:125-8, Mar 74
 [Fetal and postnatal development of growth hormone content in the ovine hypophysis] Charrier J.
Ann Biol Anim Biochim Biophys 13:115-63, 1973 (Eng. Abstr.) (Fre)

IMMUNOLOGY

- Cross-reactivity of monkey pituitary extracts in human radioimmunoassays. Hummel BC, et al.
Gen Comp Endocrinol 23:143-53, Jun 74
 [Immunoenocrinology] Niederer W.
Schweiz Med Wochenschr 104:841-7, 15 Jun 74 (87 ref.) (Eng. Abstr.) (Ger)

INNERVATION

- Neuro-glandular junctions in the pars intermedia of the rabbit. Lawzewitsch I von, et al.
Acta Anat (Basel) 87:409-13, 1974

METABOLISM

- Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al.
Acta Endocrinol (Kbh) 76:214-34, Jun 74
 Pituitary thyrotroph function in hypothyroid rats. Ching M, et al.
Acta Endocrinol (Kbh) 75:221-32, Feb 74
 Uptake and binding of androgens by the anterior pituitary gland, hypothalamus, preoptic area and brain cortex of rats. Naess O, et al.
Acta Endocrinol (Kbh) 76:417-30, Jul 74
 Control of pituitary FSH in male rats. Steinberger E, et al.
Acta Endocrinol (Kbh) 76:235-41, Jun 74
 Ultrastructure of the fetal rat adenohypophysis.

- Svalander C.
Acta Endocrinol [Suppl] (Kbh) 188:1-113, 1974
 Incorporation of 35S-cystine into hypophysis, hypothalamus, midbrain and cerebral cortex in hydrated and dehydrated rats. Guzek JW, et al.
Acta Physiol Pol 25:191, Mar-Apr 74
 The neurophysins. Breslow E.
Adv Enzymol 40:271-333, 1974 (139 ref.)
 Pituitary 45 Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al.
Am J Physiol 226:1315-20, Jun 74
 Characterization of the interaction between 17 beta-estradiol and its cytoplasmic receptor in the rat anterior pituitary gland. Korach KS, et al.
Biochemistry 13:1932-8, 23 Apr 74
 Pituitary gland polyribosomal function in rats bearing pituitary hormone-secreting tumors. Reagen CR, et al.
Biochim Biophys Acta 353:77-88, 14 Jun 74
 Stability of secretory granules containing growth hormone and prolactin from bovine anterior pituitary gland. Lemay A, et al.
Can J Biochem 52:327-35, Apr 74
 The redox bioassay technique for the direct assessment of pituitary adrenocorticotrophic activity in the rat. Buckingham JC, et al.
Clin Endocrinol (Oxf) 3:347-8, Jul 74
 Thyroid function in euthyroid subjects with autonomous thyroid nodules. Evered DC, et al.
Clin Endocrinol (Oxf) 3:149-54, Apr 74
 Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al.
Clin Endocrinol (Oxf) 3:175-86, Apr 74
 In vitro effects of synthetic somatotropin-release inhibiting factor on cyclic AMP level and GH release in rat anterior pituitary gland. Kaneko T, et al.
Endocrinol Jap 20:535-8, Oct 73
 Transport of LRF from CSF to hypophyseal portal and systemic blood and the release of LH. Ben-Jonathan N, et al.
Endocrinology 95:18-25, Jul 74
 Circulating LH and FSH levels and testicular function in hamsters during light deprivation and subsequent photoperiodic stimulation. Berndtson WE, et al.
Endocrinology 95:195-205, Jul 74
 Localization of thyrotropin-releasing factor (TRF) in the hypothalamus of the rat. Krulich L, et al.
Endocrinology 95:9-17, Jul 74
 Stimulation of prolactin release in vivo by thyrotropin-releasing hormone (TRH) through direct action on the ectopic rat pituitary. Porteus SE, et al.
Endocrinology 94:1699-703, Jun 74
 Inhibition of rat prolactin release by apomorphine in vivo and in vitro. Smalstig EB, et al.
Endocrinology 95:123-9, Jul 74
 The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al.
Eur J Pharmacol 25:402-6, Mar 74
 Luteinizing hormone (LH) in the reptilian pituitary gland. Licht P.
Gen Comp Endocrinol 23:463-9, Apr 74
 Plasma and pituitary luteinizing hormone in intact and castrated tree sparrows (*Spizella arborea*) during a photoinduced gonadal cycle. Wilson FE, et al.
Gen Comp Endocrinol 23:82-93, May 74
 Testicular volume during adolescence. Cross-sectional and longitudinal studies. Zachmann M, et al.
Helv Paediatr Acta 29:61-72, Apr 74
 Serum and pituitary gonadotropin levels in alloxan-diabetic rats. Howland BE, et al.
Horm Metab Res 6:121-4, Mar 74
 Immunoreactive growth hormone levels in mice with the obese-hyperglycemic syndrome (genotype obob). Roos P, et al.
Horm Metab Res 6:125-8, Mar 74
 Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al.
Int J Cancer 11:90-4, 15 Jan 73
 Autoradiographic studies of synthesis and intracellular migration of glycoproteins in the rat anterior pituitary gland. Pelletier G.
J Cell Biol 62:185-97, Jul 74
 DNA synthesis and the secretion of prolactin and growth hormone by the pituitary gland of the male rat: effects of diethylstilboestrol and 2-bromo-alpha-ergocryptine methanesulphonate. Davies C, et al.
J Endocrinol 61:411-7, Jun 74
 Proceedings: Specificity of oestradiol high-affinity binding in cytosol from the brain and pituitary of the rat. Ginsburg M, et al.
J Endocrinol 61:23-4, Apr 74
 Effect of stress on the uptake of radiolabelled calcium in the pituitary gland and the brain of the rat. Sabbot I, et al.
J Neurochem 22:731-4, May 74
 Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylate cyclase and cyclic adenosine 3',5' monophosphate by

- hypothalamic extract. Zor U, et al. *Metabolism* 23:549-59, Jun 74
- Radioimmunoassay determinations of gonadotropic hormone content in different regions of male and female rat adenohypophyses. Schafer SJ, et al. *Proc Soc Exp Biol Med* 146:546-8, Jun 74
- Catecholamines in the pituitary: origin and fate. Ciaranello RD, et al. *Prog Brain Res* 39:217-23, 1973
- Distribution of biogenic amines in the pituitary gland. Jacobowitz DM. *Prog Brain Res* 39:199-209, 1973 (22 ref.)
- A competitive radioligand assay for danazol (17 alpha-pregn-4-en-20-yno(2,3-d)isoxazol-17-ol) using pregnant guinea pig plasma. Creange JE, et al. *Steroids* 23:411-20, Mar 74
- An improved method for the study of high-affinity steroid binding: oestradiol binding in brain and pituitary. Ginsburg M, et al. *Steroids* 23:773-92, Jun 74
- Metabolism of progesterone by rat brain, pituitary gland and other tissues. Tabel T, et al. *Steroids* 23:651-66, May 74
- The paradoxical growth hormone reaction after intravenous glucose in the newborn. Nara PW, et al. *Z Kinderheilkd* 117:63-72, 8 Apr 74
- [The binding of labelled thyroxine on protein of estrogenized rat adenohypophysis in vitro: kinetics of displacement by stable thyroxine (author's transl)] Schreiber V, et al. *Sb Lek* 74:257-62, Sep 72 (Eng. Abstr.) (Cze)
- [In vitro biosynthesis of bovine beta-lipotrophic hormone] Bertagna X, et al. *Can J Biochem* 52:349-58, May 74 (Eng. Abstr.) (Fre)
- [Effect of glucocorticoids and the level of ACTH, TSH, LH and FSH in the human serum] Wagner H, et al. *Verh Dtsch Ges Rheumatol* 3:271-6, 1974 (Eng. Abstr.) (Ger)
- [Endocrinological differentiation of male hypogonadism by radioimmunoassay of serum FSH, LH and testosterone levels (author's transl)] Lunglmayr G, et al. *Wien Klin Wochenschr* 86:305-10, 31 May 74 (Eng. Abstr.) (Ger)
- [Gonadotropin anterior pituitary activity in subjects with mongolism (Langdon-Down syndrome). Preliminary note] Salvadorini F, et al. *Acta Neurol (Napoli)* 29:73-6, Jan-Feb 74 (Eng. Abstr.) (Ita)
- [Study of the pituitary corticotropin reserve with metyrapone in subjects treated with a steroid association and with the single components] Balestreri R, et al. *Folia Endocrinol (Roma)* 27:168-78, Apr 74 (Eng. Abstr.) (Ita)

PATHOLOGY

- Pituitary thyrotroph function in hypothyroid rats. Ching M, et al. *Acta Endocrinol (Kbh)* 75:221-32, Feb 74
- Sex hormones--effects on prolactin cells. el Etreby MF, et al. *Acta Endocrinol [Suppl] (Kbh)* 189:1-15, 1974 (48 ref.)
- Pituitary gland polyribosomal function in rats bearing pituitary hormone-secreting tumors. Reagen CR, et al. *Biochim Biophys Acta* 353:77-88, 14 Jun 74
- Influence of streptozotocin diabetes on the ultrastructure of growth hormone producing cells in the rat pituitary. Murakami M, et al. *Endokrinologie* 62:257-68, 1973
- Fine structure of pituitary tumors and transplants in mice: effects on the prostate. Petrea I, et al. *Int J Cancer* 11:40-57, 15 Jan 73
- Comparative effects of hypophysectomy, ergocornine and ergocornine-reserpine treatments on rat mammary carcinoma. Welsch CW, et al. *Int J Cancer* 12:206-12, 15 Jul 73
- Pituitary apoplexy: the role of atheromatous emboli. Sussman EB, et al. *Stroke* 5:318-23, May-Jun 74
- [Pituitary apoplexy] Lindholm J, et al. *Ugeskr Laeger* 136:1150-2, 20 May 74 (Eng. Abstr.) (Dan)
- [Pituitary adenoma with intra-orbital extension. Apropos of a case] Divitis E de, et al. *Neurochirurgie* 19:561-6, Nov 73 (Eng. Abstr.) (Fre)
- [Spontaneous nasal cerebrospinal fluid fistula, empty sella and residual pituitary adenoma] Cademartori MS. *Arq Neuropsiquiatr* 32:67-70, Mar 74 (Eng. Abstr.) (Por)

PHYSIOLOGY

- Effects of hypophysectomy with or without ACTH maintenance therapy on the final steps of aldosterone biosynthesis in the rat. Baumann K, et al. *Acta Endocrinol (Kbh)* 76:102-16, May 74
- The effect of nandrolone phenylpropionate on 14 C-leucine incorporation into muscle protein in the rat and rabbit in vivo. Bresloff P, et al. *Acta Endocrinol (Kbh)* 76:403-16, Jun 74
- Effect of withdrawal of growth hormone administration on longitudinal bone growth in the hypophysectomized rat. Thorngren KG, et al. *Acta Endocrinol (Kbh)* 75:11-23, Jan 74
- Bioassay of growth hormone and prolactin preparations by determination of longitudinal bone growth with tetracycline. Thorngren KG, et al. *Acta Endocrinol (Kbh)* 76:35-52, May 74
- Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al. *Acta Endocrinol (Kbh)* 76:392-402, Jun 74
- Effect of human menopausal gonadotrophin on amino acid transport in the prepubertal rat ovary. Selstam G, et al. *Acta Physiol Scand* 90:798-800, Apr 74
- Bone matrix in the solid state: geometric influence on differentiation of fibroblasts. Reddi AH. *Adv Biol Med Phys* 15:1-18, Jun 74 (44 ref.)
- Amino acid absorption and incorporation after hypophysectomy. Levitan R, et al. *Am J Dig Dis* 19:525-32, Jun 74
- An integrated direct functional test of the adenohypophysis. Rakoff J, et al. *Am J Obstet Gynecol* 119:358-68, 1 Jun 74
- Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (94 ref.)
- Regulation of hepatic beta-hydroxy-beta-methylglutaryl coenzyme A reductase by the interplay of hormones. Dugan RE, et al. *Arch Biochem Biophys* 161:499-504, 2 Apr 74
- Studies on the endocrine glands of a salmonid fish, the Ayu, *Plecoglossus altivelis* Temminck et Schlegel-IX. Seasonal changes in the cells of the adenohypophysis, especially the prolactin producing cells. Honma Y, et al. *Arch Histol Jap* 36:237-50, Jan 74
- Behavioral thermoregulation in hypophysectomized and sham-operated rainbow trout, *Salmo gairdneri*. Frank LH, et al. *Behav Biol* 11:101-8, May 74
- The evolutionary history of the corpus luteum. Browning HC. *Biol Reprod* 8:128-57, Mar 73 (156 ref.)
- Hypophysectomy and pectoral fin regeneration in adult *Fundulus heteroclitus* (killifish). Liversage RA. *Can J Zool* 51:1047-54, Oct 73
- Plasma corticotrophin levels during insulin-hypoglycaemia: comparison of radioimmunoassay and cytochemical bioassay. Fleisher MR, et al. *Clin Endocrinol (Oxf)* 3:203-8, Apr 74
- The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al. *Clin Endocrinol (Oxf)* 3:27-39, Jan 74
- Salivary gland enlargement in acromegaly. Thomson JA, et al. *Clin Endocrinol (Oxf)* 3:1-4, Jan 74
- Pituitary-ovarian interrelationships in the rat. Neill JD, et al. *Curr Top Exp Endocrinol* 2:73-106, 1974
- The effect of hypophysectomy upon cholinesterase activity in the forelimbs of regenerating adult *Notophthalmus* newts. Sicard RE. *Dev Biol* 32:214-8, May 73
- Experimental insulin deficiency due to insulin antibodies as a model for study of some antidiabetic effects. Andreev D, et al. *Endocrinol Exp (Bratisl)* 8:127-35, Jun 74
- Effect of gonadotropins on the reduced excretion of a gonadotropin-inhibiting substance in the hypophysectomized rats. Ota M, et al. *Endocrinol Jap* 20:497-504, Oct 73
- Effect of hypophysectomy and pituitary implants at puberty on the sexual differentiation of testosterone metabolism in rat liver. Denef C. *Endocrinology* 94:1577-82, Jun 74
- The different effect of thyroidectomy, KC104 and propylthiouracil on insulin secretion and glucose uptake in the rat. Jolán T, et al. *Endocrinology* 94:1502-7, Jun 74
- Pituitary-pineal-endocrine relationships in Japanese quail. Oishi T, et al. *Endocrinology* 94:1735-8, Jun 74
- Comparative responsiveness of euthyroid and hypothyroid rat pituitary tissue to thyrotropin

- releasing hormone in vitro. May P, et al. *Experientia* 30:433-4, 15 Apr 74
- Gonadotropins and preantral follicular maturation in women. Ross GT. *Fertil Steril* 25:522-43, Jun 74 (85 ref.)
- Effects of "hypophysectomy" by surgical decapitation on histochemically demonstrable peroxidase activity in the thyroid gland of the developing chick embryo. Thommes RC, et al. *Gen Comp Endocrinol* 23:52-7, May 74
- Protein kinase in adipose tissue: effect of hypophysectomy. Gorin E, et al. *Horm Metab Res* 6:148-50, Mar 74
- The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al. *Horm Res* 5:173-81, 1974
- The effect of theophylline on tryptophan pyrrolase in the hypophysectomized rat and some observations on the validity of tryptophan pyrrolase assays. Young SN, et al. *J Biol Chem* 249:3932-6, 25 Jun 74
- Study on the recovery of pituitary function during puerperium using synthetic LRH. Canales ES, et al. *J Clin Endocrinol Metab* 38:1140-2, Jun 74
- Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74
- Modifications in ovarian and pituitary function in the hysterectomized pregnant hamster. Greenwald GS. *J Endocrinol* 61:45-51, Apr 74
- Influence of hypophysectomy and starvation on blood glucose levels in the newt, *Notophthalmus viridescens*. Connelly TG, et al. *J Exp Zool* 188:367-73, Jun 74
- The physiology of adolescence in man. Kulin HE. *J Mammal* 55:133-44, May 74
- Mammary tumorigenesis in chemical carcinogen-treated mice. II. Dependence on hormone stimulation for tumorigenesis. Medina D. *J Natl Cancer Inst* 53:223-6, Jul 74
- Mammary tumorigenesis in chemical carcinogen-treated mice. I. Incidence in BALB-c and C57BL mice. Medina D. *J Natl Cancer Inst* 53:213-21, Jul 74
- Proceedings: Effect of ablation of the pituitary gland on the diuresis from atrial receptors. Kappagoda CT, et al. *J Physiol (Lond)* 238:11P-12P, Apr 74
- Luteotrophic factors in the sheep. Denamur R. *J Reprod Fertil* 38:251-9, Jun 74 (85 ref.)
- The demonstration that PGF₂α is the uterine luteolysin in the ewe. Goding JR. *J Reprod Fertil* 38:261-71, Jun 74 (54 ref.)
- Implantation in rats treated neonatally with testosterone propionate. Kramen MA. *J Reprod Fertil* 38:461-3, Jun 74
- Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
- Proceedings: Effects of removal of endocrine organs on spontaneous and renal hypertension in rats. Ebihara A. *Jap Heart J* 15:182-3, Mar 74
- Proceedings: Pharmacology of reproduction. II. Evaluation of prostaglandins on ovarian progestins by the intact and hypophysectomized rats. Hirai M, et al. *Jap J Pharmacol* 24:Suppl:127, 1974
- Effects of follicle stimulating hormone and luteinizing hormone on plasma testosterone levels in hypophysectomized and in intact immature and adult male rats. el-Safoury S, et al. *N Engl J Med* 291:193-8, 11 Jun 74
- Amphetamine and thermoregulation: studies in the unrestrained and curarized rat. Borbély AA, et al. *Naunyn Schmiedeberg Arch Pharmacol* 281:327-40, 26 Feb 74
- Rate of follicular atresia following hypophysectomy of the trukey. Opel H. *Poult Sci* 53:825-7, Mar 74
- Effect of intermittent electric shock on plasma renin activity in rats. Leenen FH, et al. *Proc Soc Exp Biol Med* 146:534-8, Jun 74
- Effects of narcotic analgesics on hypothalamo-pituitary-thyroid function. George R. *Frog Brain Res* 39:339-45, 1973
- Biogenic amines in the pituitary gland: what is their origin and function? Pituitary indolamines. Hyypää M, et al. *Frog Brain Res* 39:211-5, 1973 (29 ref.)
- Behavioral aspects of melanocyte-stimulating hormone (MSH). Kastin AJ, et al. *Frog Brain Res* 39:461-70, 1973 (38 ref.)
- Unique pituitary peptides with behavioral-affecting activity. Lande S, et al. *Frog Brain Res* 39:421-7, 1973
- Role of brain noradrenaline in the tonic regulation of hypothalamic hypophyseal adrenal axis. Scapagnini U, et al. *Frog Brain Res* 39:171-84, 1973
- Steroid feedback mechanisms in pituitary-adrenal function. Smelik PG, et al. *Frog Brain Res* 39:99-109, 1973
- Brain serotonin and pituitary-adrenal function. Vernikos-Danellis J, et al. *Frog Brain Res* 39:301-10, 1973
- Endocrine profiles in the clinical laboratory. Bacchus H. *Frog Clin Pathol* 4:1-110, 1972 (217 ref.)
- [Fetal and postnatal development of growth hormone content in the ovine hypophysis] Charrier J. *Ann Biol Anim Biochim Biophys* 13:115-63, 1973 (Eng. Abstr.) (Fre)
- [Effect of hypophysectomy and bovine somatotrophic hormone treatment on the relative growth of lambs] Vézinhel A. *Ann Biol Anim Biochim Biophys* 13:51-73, 1973 (Eng. Abstr.) (Fre)
- [The thyroid gland of the Axolotl (*Ambystoma mexicanum*): morphological and functional heterogeneity] Regard E. *Gen Comp Endocrinol* 23:199-211, Jun 74 (Eng. Abstr.) (Fre)
- [Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al. *Dtsch Tierärztl Wochenschr* 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)
- [Growth hormone, gonadotropins and cortisol in the plasma of males under combined application of the insulin-hypoglycaemia-LH-RH test (author's transl)] Wiegelmann W, et al. *Klin Wochenschr* 52:194-6, 15 Feb 74 (Eng. Abstr.) (Ger)
- [Influence of thymus hormone on immune response of hypophysectomized and thymectomized rat] Schwarz JA, et al. *Verh Dtsch Ges Inn Med* 79:579-82, 1973 (Ger)
- [The pituitary-gonadal axis in the normal male; radioimmunoassay of hormones (author's transl)] Spona J, et al. *Wien Klin Wochenschr* 86:311-5, 31 May 74 (Eng. Abstr.) (Ger)
- [The rationale for hypophysectomy in hormone-dependent cancer] Bartal AD, et al. *Harefuah* 86:326-30, 15 Mar 74 (Heb)
- [Effect of 5-hydroxytryptophan on the secretion of somatotrophic hormone in man] Giordano G, et al. *Arch E Maragliano Patol Clin* 29:1-5, Jan 73 (Eng. Abstr.) (Ita)
- [Reflex mechanism of the regulation of potassium homeostasis] Finkinshtein IaD, et al. *Fiziol Zh SSSR* 59:1429-36, Sep 73 (Eng. Abstr.) (Rus)
- [Effect of a physical load of varying duration on the function of the hypothalamo-hypophyseal-adrenal system in rats] Karaulova LK. *Fiziol Zh SSSR* 59:1322-5, Sep 73 (Eng. Abstr.) (Rus)
- [Functional activity of the hypothalamus-pituitary gland-adrenal cortex system in dogs after prolonged administration of dexamethasone] Razina LG, et al. *Probl Endocrinol (Mosk)* 20:101-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Depression of the action of the growth hormone by an antiserum to denatured DNA] Galavina OI. *Vopr Med Khim* 20:319-20, May 74 (Eng. Abstr.) (Rus)
- [Interrelationships between the growth hormone and histones] Raichev KKh, et al. *Vopr Med Khim* 20:249-53, May 74 (Eng. Abstr.) (Rus)
- [Growth hormone, insulin, glucemia and plasmatic free fatty acids after arginine administration (author's transl)] Portugal-Alvarez J, et al. *Rev Esp Fisiol* 29:289-91, Dec 73 (Eng. Abstr.) (Spa)
- [Kinetics of the initial response of plasma corticoids to corticotropin administration] Oriol Bosch A, et al. *Rev Iber Endocrinol* 21:209-15, May 74 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

- Proceedings: Pituitary function after yttrium-90 hypophysectomy. Wilson RG, et al. *Br J Surg* 61:322, Apr 74
- Persistent abnormalities in pituitary function

- following neonatal thyrotoxicosis in the rat. Azizi F, et al. *Endocrinology* 94:1681-8, Jun 74
- Comparative responsiveness of euthyroid and hypothyroid rat pituitary tissue to thyrotropin releasing hormone in vitro. May P, et al. *Experientia* 30:433-4, 15 Apr 74
- Gonadotropins and preantral follicular maturation in women. Ross GT. *Fertil Steril* 25:522-43, Jun 74 (85 ref.)
- GH and ACTH secretion in insulin-induced hypoglycemia in normal children. Cacciari E, et al. *Folia Endocrinol (Roma)* 27:247-58, Jun 74
- Normal responsiveness of serum IRI following subcutaneous administration of glucagon in 25 cases of pituitary dwarfism in children and adolescents. A negative report. Popa M, et al. *Folia Endocrinol (Roma)* 27:265-71, Jun 74
- The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohypophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenerová V, et al. *Horm Metab Res* 6:208-13, May 74
- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
- Hypothalamic-pituitary-prolactin axis in breast cancer. Mittra I, et al. *Lancet* 1:889-91, 11 May 74
- Hypothalamic-pituitary-thyroid axis in breast cancer. Mittra I, et al. *Lancet* 1:885-9, 11 May 74
- Plasma prolactin and luteinizing hormone levels in anorexia nervosa. Beaumont PJ, et al. *Psychol Med* 4:219-21, May 74
- [Increased androgen secretion by the ovaries and "hyperovarianism". Respective studies] Geller S, et al. *Nouv Presse Med* 3:809-10, 30 Mar 74 (Fre)
- [Pituitary gland-adrenal cortex regulation in patients with chronic kidney failure during longtime hemodialysis] Hrubec M, et al.
- Verh Dtsch Ges Inn Med 79:731-4, 1973 (Ger)
- [Behavior of immunoreactive insulin, "big insulin" and the somatotrophic hormone in cirrhotic patients with diabetes mellitus] Gragnoli G, et al.
- Folia Endocrinol (Roma)* 27:196-211, Apr 74 (Eng. Abstr.) (Ita)
- [The pituitary and testicular response to clomiphene during hepatic cirrhosis] Rolandi E, et al.
- Folia Endocrinol (Roma)* 27:290-302, Jun 74 (Eng. Abstr.) (Ita)
- [Pituitary-adrenal system and certain "tissue" factors of regulation in children with allergic skin manifestations] Kolesov DV, et al.
- Vestn Dermatol Venerol* 48:32-7, 1974 (Eng. Abstr.) (Rus)
- [Study of the hormonal gonadal function in diabetic women] López Villegas J, et al.
- Ginecol Obstet Mex* 35:9-14, Jan 74 (Eng. Abstr.) (Spa)
- [Plasma TSH and circulating thyroid hormone (T3 and T4) levels in patients with goiter and endemic cretinism] Medeiros Neto GA de, et al.
- Rev Assoc Med Bras* 20:7-12, Jan 74 (Eng. Abstr.) (Spa)
- RADIOGRAPHY**
- Long-term treatment of galactorrhea and hypogonadism with bromocriptine. Thorner MO, et al. *Br Med J* 2:419-22, 25 May 74
- SECRETION**
- Irreversible inhibition of pituitary prolactin and growth hormone secretion and of mammary gland development in mice by monosodium glutamate administered neonatally. Nagasawa H, et al. *Acta Endocrinol (Kbh)* 75:249-59, Feb 74
- Pituitary 45 Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al. *Am J Physiol* 226:1315-20, Jun 74
- Human pituitary growth hormone: solubility in ammonium sulfate solutions. Tarli P, et al. *Arch Biochem Biophys* 161:696-7, 2 Apr 74
- Pituitary gland polyribosomal function in rats bearing pituitary hormone-secreting tumors. Reagan CR, et al. *Biochim Biophys Acta* 353:77-88, 14 Jun 74
- Stability of secretory granules containing growth hormone and prolactin from bovine anterior pituitary gland. Lemay A, et al. *Can J Biochem* 52:327-35, Apr 74
- The cell-types in the adenohypophysis of the Indian catfish *Heteropneustes fossilis* (Bloch). Baker BI, et al. *Cell Tissue Res* 148:347-58, 30 Apr 74
- A comparative ultrastructural study of the pars tuberalis of various mammals, the chicken and the newt. Dellmann HD, et al. *Cell Tissue Res* 148:313-29, 30 Apr 74
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Mortimer CH, et al. *Clin Endocrinol (Oxf)* 3:19-25, Jan 74
- Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al. *Clin Endocrinol (Oxf)* 3:175-88, Apr 74
- Integration of the secretory control mechanisms for insulin, glucagon, and growth hormone. Blackard WG, et al. *Curr Top Exp Endocrinol* 2:129-53, 1974
- Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974
- Hypothalamic control of anterior pituitary hormone secretion—characterized hypothalamic-hypophysiotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
- Gonad-pituitary feedback involves qualitative change: androgens alter the type of FSH secreted by the rat pituitary. Bogdanove EM, et al. *Endocrinology* 95:219-28, Jul 74
- Thyrotropin-releasing hormone stimulation and somatostatin inhibition of growth hormone secretion from perfused rat adenohypophyses. Carlson HE, et al. *Endocrinology* 94:1709-13, Jun 74
- Diminishing corticotrope capacity to release ACTH during sustained stimulation: the twenty-four hours after bilateral adrenalectomy in the rat. Dallman MF, et al. *Endocrinology* 95:65-73, Jul 74
- Total blockade of phasic pituitary prolactin release in rats: effect on serum LH and progesterone during the estrous cycle and pregnancy. Döhler KD, et al. *Endocrinology* 94:1595-600, Jun 74
- Secretion of ACTH by isolated anterior pituitary cells: kinetics of stimulation of corticotropin-releasing factor and of inhibition by corticosterone. Sayers G, et al. *Endocrinology* 94:1723-30, Jun 74
- Comparative responsiveness of euthyroid and hypothyroid rat pituitary tissue to thyrotropin releasing hormone in vitro. May P, et al. *Experientia* 30:433-4, 15 Apr 74
- Fine structure of the secretory activity of the pars intermedia of *Rana pipiens*. Perryman EK. *Gen Comp Endocrinol* 23:94-110, May 74
- Evidence for PAS positive reaction of the corticotroph granules of the rat adenohypophysis. Bowie EP, et al. *Histochemie* 38:281-4, 6 Mar 74
- Influence of age on the pituitary response of male lambs to synthetic lh-rh injection. Galloway DG, et al. *Horm Metab Res* 6:240-1, May 74
- The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al. *Horm Res* 5:173-81, 1974
- Fine structure of pituitary tumors and transplants in mice: effects on the prostate. Petrea I, et al. *Int J Cancer* 11:40-57, 15 Jan 73
- Slight effect of L-tryptophan on growth hormone release in normal human subjects. Müller EE, et al. *J Clin Endocrinol Metab* 39:1-5, Jul 74
- Studies of prolactin and TSH secretion by continuous infusion of small amounts of thyrotropin-releasing hormone (TRH). Noel GL, et al. *J Clin Endocrinol Metab* 39:6-17, Jul 74
- Modulation of pituitary responsiveness to LRF by estrogen. Yen SS, et al. *J Clin Endocrinol Metab* 39:170-7, Jul 74
- Elevation of plasma neurophysin in women on oral contraceptives. Robinson AG. *J Clin Invest* 54:209-12, Jul 74
- Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74
- DNA synthesis and the secretion of prolactin and growth hormone by the pituitary gland of the male rat: effects of diethylstilboestrol and

- 2-bromo-alpha-ergocryptine methanesulphonate. Davies C, et al. *J Endocrinol* 61:411-7, Jun 74
- Proceedings: The effect of thyrotrophin releasing factor on the secretion of thyroid stimulating hormone and prolactin from the chicken anterior pituitary gland. Bolton N, et al. *J Physiol (Lond)* 238:78P-79P, Apr 74
- Further analysis of the CNS regulation of adenohypophyseal LH release: facilitation of the ovulatory LH surge by oestrogen and progesterone. Barraclough CA, et al. *J Reprod Fertil [Suppl]* 20:61-96, Dec 73 (40 ref.)
- Towards a neurophysiological basis for ovulation. Cross BA. *J Reprod Fertil [Suppl]* 20:97-117, Dec 73 (48 ref.)
- New findings on the central control of gonadotrophin secretion. Motta M, et al. *J Reprod Fertil [Suppl]* 20:27-52, Dec 73 (35 ref.)
- Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al. *J Reprod Fertil [Suppl]* 20:119-36, Dec 73 (64 ref.)
- Proceedings: Stimulation of melanocyte-stimulating hormone release in vitro by cyclic AMP. Baker BI. *N Engl J Med* 291:1xxv, 11 Jun 74
- Proceedings: Corticosteroid feedback at the pituitary level. Brush FR, et al. *N Engl J Med* 291:1xlvixv, 11 Jun 74
- Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the C3H-ST mouse. Sinha YN, et al. *N Engl J Med* 291:219-29, 11 Jun 74
- Proceedings: Prolactin secretion by sheep foetal pituitaries maintained in organ culture. Thomas SJ, et al. *N Engl J Med* 291:68, 11 Jun 74
- Proceedings: The characteristics of melanocyte-stimulating hormone release from incubated hemi-pituitaries of the lizard, *Anolis carolinensis*. Thornton VF. *N Engl J Med* 291:1xix, 11 Jun 74
- Effects of cyproterone acetate on growth and feeding in rats. Vilberg TR, et al. *Pharmacol Biochem Behav* 2:309-16, May 74
- The ovulatory surge of gonadotropin and sexual receptivity in the female golden hamster. Goldman BD, et al. *Physiol Behav* 12:991-5, Jun 74
- Inhibitory and facilitatory effects of estradiol 17beta on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. Cooper KJ, et al. *Proc Soc Exp Biol Med* 145:1422-6, Apr 74
- Inhibition of prolactin secretion by cholinergic drug. Grandison L, et al. *Proc Soc Exp Biol Med* 145:1236-9, Apr 74
- Increased in vitro pituitary response to LH-RH after in vivo estrogen treatment. Hobson W, et al. *Proc Soc Exp Biol Med* 146:470-4, Jun 74
- The effects of intraventricular injection of antibiotics on LH release in the rat. Negro-Villar A, et al. *Proc Soc Exp Biol Med* 146:302-5, May 74
- The role of brain monoamines and pineal indoles in the secretion of gonadotrophins and gonadotrophin-releasing factors. Kamberi IA. *Prog Brain Res* 39:261-80, 1973
- Plasma prolactin and luteinizing hormone levels in anorexia nervosa. Beumont PJ, et al. *Psychol Med* 4:219-21, May 74
- [Pituitary forms of lutein insufficiency in women] Markovski N. *Akush Ginekol (Sofia)* 13:89-106, 1974 (Eng. Abstr.) (Bul)
- [The role of the time factor in the synthesis of trophoblast choriongonadotropin (HCG) and its inhibition (in vitro experiments)] Lajos L, et al. *Orv Hetil* 115:1151-3, 19 May 74 (Hun)
- [On the pituitary TSH response to different dosage of thyrotrophin-releasing factor (TRF) (author's transl)] Sakoda M, et al. *J Jap Soc Intern Med* 62:1520-8, Nov 73 (Jap)

SURGERY

- Amino acid absorption and incorporation after hypophysectomy. Levitan R, et al. *Am J Dig Dis* 19:525-32, Jun 74
- [Acromegaly syndrome: choice of surgical technic] Basso A, et al. *Neurochirurgia* 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
- [Pituitary adenoma with intra-orbital extension.

Apropos of a case] Divitila E de, et al. *Neurochirurgia* 19:561-6, Nov 73 (Eng. Abstr.) (Fre)

TRANSPLANTATION

- Effect of hypophysectomy and pituitary implants at puberty on the sexual differentiation of testosterone metabolism in rat liver. Denef C. *Endocrinology* 94:1577-82, Jun 74
- Temporal aspects of the regulation of corpus luteum function by luteinizing hormone, prolactin and placental luteotrophin during the first half of pregnancy in the rat. Morishige WK, et al. *Endocrinology* 95:260-74, Jul 74
- Fine structure of pituitary tumors and transplants in mice: effects on the prostate. Petrea I, et al. *Int J Cancer* 11:40-57, 15 Jan 73
- Mammary tumorigenesis in chemical carcinogen-treated mice. II. Dependence on hormone stimulation for tumorigenesis. Medina D. *J Natl Cancer Inst* 53:223-6, Jul 74
- Mammary tumorigenesis in chemical carcinogen-treated mice. I. Incidence in BALB-c and C57BL mice. Medina D. *J Natl Cancer Inst* 53:213-21, Jul 74
- Pituitary transplantation in dogs. Grollmus J, et al. *Surg Forum* 23:445-6, 1972
- [Relation between prolactin and breast cancer] Nagasawa H. *Clin Endocrinol (Tokyo)* 22:373-9, Mar 74 (54 ref.) (Jap)

PITUITARY GLAND FUNCTION

TESTS

- An integrated direct functional test of the adenohypophysis. Rakoff J, et al. *Am J Obstet Gynecol* 119:358-68, 1 Jun 74
- Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. Daly JR, et al. *Br Med J* 2:521-4, 8 Jun 74
- Studies of prolactin and TSH secretion by continuous infusion of small amounts of thyrotrophin-releasing hormone (TRH). Noel GL, et al. *J Clin Endocrinol Metab* 39:6-17, Jul 74
- Further studies on Leydig cell function in old age. Rubens R, et al. *J Clin Endocrinol Metab* 39:40-5, Jul 74
- Proceedings: Introduction of a new stimulation test for prolactin: the sulpiride test; a comparison with other dynamic function tests. Thorner MD, et al. *N Engl J Med* 291:1xxxii, 11 Jun 74
- A preview of growth hormone stimulation tests in children. Frasler SD. *Pediatrics* 53:929-37, Jun 74
- Endocrine profiles in the clinical laboratory. Bacchus H. *Prog Clin Pathol* 4:1-110, 1972 (217 ref.)
- [Amenorrhea in emotional anorexia] Klotz HP, et al. *Ann Med Interne (Paris)* 124:789-91, Nov 73 (Fre)
- [Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al. *Neurochirurgia* 19:531-6, Nov 73 (Eng. Abstr.) (Fre)
- [Use of chlorpromazine and trans-sphenoidal micro-surgery in the treatment of acromegaly (dynamic study of growth hormone secretion)] Lazorthes Y, et al. *Neurochirurgia* 19:603-10, Dec 73 (Eng. Abstr.) (Fre)
- [Study of the hormonal gonadal function in diabetic women] López Villegas J, et al. *Ginecol Obstet Mex* 35:9-14, Jan 74 (Eng. Abstr.) (Spa)

PITUITARY GLAND IRRADIATION

- Proceedings: Pituitary function after yttrium-90 hypophysectomy. Wilson RG, et al. *Br J Surg* 61:322, Apr 74
- [Pituitary adenoma with intra-orbital extension. Apropos of a case] Divitila E de, et al. *Neurochirurgia* 19:561-6, Nov 73 (Eng. Abstr.) (Fre)

PITUITARY GLAND, POSTERIOR

- Purification of neurophysins by affinity chromatography. Frénay JP, et al. *Eur J Biochem* 43:371-5, 1 Apr 74

ANALYSIS

- The vasopressin and oxytocin content in the

hypothalamus and neurohypophysis during long-time dehydration in rats. Guzek JW, et al.
Acta Physiol Pol 25:187-9, Mar-Apr 74

CYTOLOGY

Cell types in the adenohypophysis of the puffer, *Fugu stictionotus*, with special reference to the basophils in the pars distalis. Chiba A, et al.
Arch Histol Jap 36:291-305, Mar 74

The hypothalamo-hypophyseal system in *Acipenseridae*. IV. The functional morphology of the neurohypophysis of *Acipenser gildenstädti* Brandt and *Acipenser stellatus* Pallas after exposure to different salinities. Polenov AL, et al.
Cell Tissue Res 148:259-75, 11 Apr 74

DRUG EFFECTS

Calcium and stimulus-secretion coupling in the neurohypophysis. II. Effects of lanthanum, a verapamil analogue (D600) and prenilyamine on 45-calcium transport and vasopressin release in isolated rat neurohypophyses. Russell JT, et al.
Acta Endocrinol (Kbh) 76:471-87, Jul 74

Inhibition by diphenylhydantoin of vasopressin release from isolated rat neurohypophyses. Guzek JW, et al.
Acta Pharmacol Toxicol (Kbh) 34:1-4, Jan 74

[The effect of nembutal on the ultra-architectonics of the neurohypophysis] Bardakhch'ian EA, et al.
Farmakol Toksikol 26:419-20, Jul-Aug 73 (Eng. Abstr.) (Rus)

ENZYMOLGY

A microassay for arylamidase activity. Boer GJ.
Anal Biochem 59:410-5, Jun 74

Protein and peptide hydrolases of the rat hypothalamus and pituitary. Marks N, et al.
J Neurochem 22:735-9, May 74

METABOLISM

Calcium and stimulus-secretion coupling in the neurohypophysis. I. 45-Calcium transport and

vasopressin release in slices from ox neurohypophyses stimulated electrically or by a high potassium concentration. Russell JT, et al.
Acta Endocrinol (Kbh) 76:449-70, Jul 74

Calcium and stimulus-secretion coupling in the neurohypophysis. II. Effects of lanthanum, a verapamil analogue (D600) and prenilyamine on 45-calcium transport and vasopressin release in isolated rat neurohypophyses. Russell JT, et al.
Acta Endocrinol (Kbh) 76:471-87, Jul 74

Proceedings: Subcellular studies of the incorporation of (35S)cysteine into components of the neurohypophysis. Swann RW, et al.
N Engl J Med 291:1414-17, 11 Jun 74

Vasopressin release from the isolated neurohypophysis induced by a calcium ionophore, X-537A. Nakazato Y, et al. Nature 249:479-81, 31 May 74

[Molecular relationship of oxytocin and neurophysin in the neurohypophysis and hypothalamus of the rat--radioimmunoassay] Fabert VG, et al.
Endokrinologie 62:291-6, 1973 (Eng. Abstr.) (Ger)

PHYSIOLOGY

Release of melanocyte-stimulating hormone (MSH) from the posterior pituitary lobe and from the hypothalamus. Cyrkowiec A.
Acta Physiol Pol 25:183-5, Mar-Apr 74

Osmoreceptor function among the elderly. Mukherjee AP, et al. Gerontol Clin (Basel) 15:227-33, 1973

SECRETION

Vasopressin release from the isolated neurohypophysis induced by a calcium ionophore, X-537A. Nakazato Y, et al. Nature 249:479-81, 31 May 74

TRANSPLANTATION

Fine structure of the secretory activity of the pars intermedia of *Rana pipiens*. Perryman EK.
Gen Comp Endocrinol 23:94-110, May 74

PITUITARY

II. Disorders of the Pituitary Gland

ACROMEGALY

[Pituitary apoplexy] Lindholm J, et al.
Ugeskr Laeger 136:1150-2, 20 May 74 (Eng. Abstr.)
(Dan)

BLOOD

Effect of aminophylline on growth hormone secretion in man. Peracchi M, et al.
Acta Endocrinol (Kbh) 76:488-94, Jul 74
Urinary growth hormone in acromegaly. Hanssen KF, et al. Acta Med Scand 195:381-4, May 74
Cortical bone mass in acromegaly. Ikkos DG, et al. Acta Radiol [Diagn] (Stockh) 15:134-44, Mar 74
Acromegaly and cardiovascular disorders. A prospective study. McGuffin WL Jr, et al.
Ann Intern Med 81:11-8, Jul 74
Long-term administration of medroxyprogesterone acetate (MPA) to acromegalic patients. Josefsberg Z, et al. Clin Endocrinol (Oxf) 3:195-202, Apr 74
A study of thyrotropin deficiencies by the combination of two tests of TSH function. Berthezene F, et al. J Clin Endocrinol Metab 38:1068-74, Jun 74
Unaltered plasma GH levels in acromegalics and normal men and women after administration of (Pyro)Glu-Ser-Gly-NH₂, a proposed GH-releasing hormone. Gonzalez-Barcena D, et al.
J Clin Endocrinol Metab 38:1134-6, Jun 74
Serum growth hormone and prolactin response to thyrotropin-releasing hormone in patients with acromegaly before and after surgery. Samaan NA, et al. J Clin Endocrinol Metab 38:957-63, Jun 74
Metabolism and transcapillary escape rate of albumin in acromegaly. Rossing N, et al.
Scand J Clin Lab Invest 33:39-44, Feb 74
[Editorial: Growth hormone] Prange-Hansen A.
Ugeskr Laeger 136:1038-9, 6 May 74 (Dan)
[Antrum hormone gastrin. II. Practical importance in determination of gastrin in various diseases] Säuberli H, et al.
Schweiz Med Wochenschr 104:745-51, 25 May 74 (Eng. Abstr.) (Ger)
[Growth hormone secretion and pituitary gland function before and after 90Yttrium implantation in acromegaly] Heesen D, et al.
Verh Dtsch Ges Inn Med 79:1243-5, 1973 (Ger)

COMPLICATIONS

Insulin deficiency associated with hypoglycemia and good glucose tolerance in hypopituitarism. Report of a case with acromegaly developing pituitary apoplexy. Nikkilä EA, et al. Acta Med Scand 195:435-9, May 74
Cortical bone mass in acromegaly. Ikkos DG, et al. Acta Radiol [Diagn] (Stockh) 15:134-44, Mar 74
Acromegaly and cardiovascular disorders. A prospective study. McGuffin WL Jr, et al.
Ann Intern Med 81:11-8, Jul 74
Salivary gland enlargement in acromegaly. Thomson JA, et al. Clin Endocrinol (Oxf) 3:1-4, Jan 74
Cauda equina compression in acromegaly. Gelman MI. Radiology 112:357-60, Aug 74
Spectrum of cardiomyopathy and current classification. Goodwin JF.
Singapore Med J 14:358-62, Sep 73 (18 ref.)

DIAGNOSIS

Acromegaly in a gravida and her infant. Fisch RO, et al. Obstet Gynecol 43:861-6, Jun 74
[Acromegaly syndrome: choice of surgical technic] Basso A, et al.
Neurochirurgie 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
[Determinations of PBI and T3] Verreschi IN, et al. Rev Paul Med 82:129-32, Sep-Oct 73 (Eng. Abstr.) (Por)

DRUG THERAPY

Long-term administration of medroxyprogesterone acetate (MPA) to acromegalic patients. Josefsberg Z, et al. Clin Endocrinol (Oxf) 3:195-202, Apr 74
Proceedings: Effect of growth hormone release inhibiting hormone on the release of growth hormone and other pituitary hormones in man. Schally AV, et al. J Endocrinol 61:xiv, Apr 74
Editorial: Somatostatin (somatotrophin release inhibiting factor). S Afr Med J 48:1180, 12 Jun 74
[Use of chlorpromazine and trans-sphenoidal micro-surgery in the treatment of acromegaly (dynamic study of growth hormone secretion)] Lazorthes Y, et al.
Neurochirurgie 19:603-10, Dec 73 (Eng. Abstr.) (Fre)

ENZYMOLGY

Acromegaly: histochemical and electron microscopic changes in deltoid and intercostal muscle. Stern LZ, et al. Neurology (Minneapolis) 24:589-93, Jun 74

ETIOLOGY

Cytoplasmic microfilaments in the anterior lobe of the human pituitary gland. Kovacs K, et al.
Acta Anat (Basel) 87:414-26, 1974
Acidophilic adenoma of the pituitary with polyneuropathy. Sandbank U, et al.
J Neurol Neurosurg Psychiatry 37:324-9, Mar 74
Acromegaly: histochemical and electron microscopic changes in deltoid and intercostal muscle. Stern LZ, et al. Neurology (Minneapolis) 24:589-93, Jun 74
[Acromegaly syndrome: choice of surgical technic] Basso A, et al.
Neurochirurgie 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
[Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al.
Neurochirurgie 19:531-6, Nov 73 (Eng. Abstr.) (Fre)
[Use of chlorpromazine and trans-sphenoidal micro-surgery in the treatment of acromegaly (dynamic study of growth hormone secretion)] Lazorthes Y, et al.
Neurochirurgie 19:603-10, Dec 73 (Eng. Abstr.) (Fre)

FAMILIAL & GENETIC

Acromegaly in a gravida and her infant. Fisch RO, et al. Obstet Gynecol 43:861-6, Jun 74

METABOLISM

Insulin deficiency associated with hypoglycemia and good glucose tolerance in hypopituitarism. Report of a case with acromegaly developing pituitary apoplexy. Nikkilä EA, et al. Acta Med Scand 195:435-9, May 74
Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74
Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al.
Clin Endocrinol (Oxf) 3:175-86, Apr 74
Salivary gland enlargement in acromegaly. Thomson JA, et al. Clin Endocrinol (Oxf) 3:1-4, Jan 74
Metabolism and transcapillary escape rate of albumin in acromegaly. Rossing N, et al.
Scand J Clin Lab Invest 33:39-44, Feb 74

PATHOLOGY

Cortical bone mass in acromegaly. Ikkos DG, et al. Acta Radiol [Diagn] (Stockh) 15:134-44, Mar 74
Brain volume in acromegaly. An encephalographic investigation. Rådberg C.
Acta Radiol [Diagn] (Stockh) 15:113-33, Mar 74
Acromegaly: histochemical and electron microscopic changes in deltoid and intercostal muscle. Stern LZ, et al. Neurology (Minneapolis) 24:589-93, Jun 74

PITUITARY ADENOMA, EOSINOPHILIC

PHYSIOPATHOLOGY

- Salivary gland enlargement in acromegaly. Thomson JA, et al. *Clin Endocrinol (Oxf)* 3:1-4, Jan 74
- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
- Acromegaly: histochemical and electron microscopic changes in deltoid and intercostal muscle. Stern LZ, et al. *Neurology (Minneapolis)* 24:589-93, Jun 74
- [Acromegaly syndrome: choice of surgical technic] Basso A, et al. *Neurochirurgie* 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
- [Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al. *Neurochirurgie* 19:531-6, Nov 73 (Eng. Abstr.) (Fre)

RADIOGRAPHY

- Cortical bone mass in acromegaly. Ikkos DG, et al. *Acta Radiol [Diagn] (Stockh)* 15:134-44, Mar 74
- Brain volume in acromegaly. An encephalographic investigation. Rådberg C. *Acta Radiol [Diagn] (Stockh)* 15:113-33, Mar 74
- Cauda equina compression in acromegaly. Gelman MI. *Radiology* 112:357-60, Aug 74
- [Growth hormone secretion and pituitary gland function before and after ⁹⁰Yttrium implantation in acromegaly] Heesen D, et al. *Verh Dtsch Ges Inn Med* 79:1243-5, 1973 (Ger)

RADIOTHERAPY

- Salivary gland enlargement in acromegaly. Thomson JA, et al. *Clin Endocrinol (Oxf)* 3:1-4, Jan 74

SURGERY

- Serum growth hormone and prolactin response to thyrotropin-releasing hormone in patients with acromegaly before and after surgery. Samaan NA, et al. *J Clin Endocrinol Metab* 38:957-63, Jun 74
- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74

THERAPY

- [Acromegaly syndrome: choice of surgical technic] Basso A, et al. *Neurochirurgie* 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
- [Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al. *Neurochirurgie* 19:531-6, Nov 73 (Eng. Abstr.) (Fre)
- [Use of chlorpromazine and trans-sphenoidal micro-surgery in the treatment of acromegaly (dynamic study of growth hormone secretion)] Lazorthes Y, et al. *Neurochirurgie* 19:603-10, Dec 73 (Eng. Abstr.) (Fre)
- [Acromegaly] Nakagawa M. *Clin Endocrinol (Tokyo)* 22:6-8, Jan 74 (Jap)

URINE

- Urinary growth hormone in acromegaly. Hanassen KF, et al. *Acta Med Scand* 195:381-4, May 74

ADENOMA, BASOPHILIC

BLOOD

- Hyperresponsiveness to lysine-vasopressin in Cushing's disease. Coslovsky R, et al. *Acta Endocrinol (Kbh)* 75:125-32, Jan 74

COMPLICATIONS

- Hyperresponsiveness to lysine-vasopressin in Cushing's disease. Coslovsky R, et al. *Acta Endocrinol (Kbh)* 75:125-32, Jan 74

ADENOMA, CHROMOPHOBE

BLOOD

- Hyperresponsiveness to lysine-vasopressin in Cushing's disease. Coslovsky R, et al. *Acta Endocrinol (Kbh)* 75:125-32, Jan 74

COMPLICATIONS

- Hyperresponsiveness to lysine-vasopressin in Cushing's disease. Coslovsky R, et al. *Acta Endocrinol (Kbh)* 75:125-32, Jan 74
- Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al. *Arch Pathol* 98:1-8, Jul 74
- Pituitary apoplexy: the role of atheromatous emboli. Sussman EB, et al. *Stroke* 5:318-23, May-Jun 74
- [Spontaneous nasal cerebrospinal fluid fistula, empty sella and residual pituitary adenoma] Cademartori MS. *Arq Neuropsiquiatr* 32:67-70, Mar 74 (Eng. Abstr.) (Por)

DIAGNOSIS

- Pituitary tumours. Mason AS. *Can J Surg* 17:142-6, May 74

METABOLISM

- Pituitary adenoma associated with inappropriate antidiuretic hormone secretion. Greiss KC, et al. *Acta Endocrinol (Kbh)* 76:59-66, May 74

OCCURRENCE

- Some observations on spontaneously occurring tumours of the central nervous system of Sprague-Dawley derived rats. Mawdesley-Thomas LE, et al. *J Pathol* 112:107-16, Feb 74

PATHOLOGY

- Brain volume in acromegaly. An encephalographic investigation. Rådberg C. *Acta Radiol [Diagn] (Stockh)* 15:113-33, Mar 74
- Pituitary tumours. Mason AS. *Can J Surg* 17:142-6, May 74
- Pituitary apoplexy: the role of atheromatous emboli. Sussman EB, et al. *Stroke* 5:318-23, May-Jun 74
- [Spontaneous nasal cerebrospinal fluid fistula, empty sella and residual pituitary adenoma] Cademartori MS. *Arq Neuropsiquiatr* 32:67-70, Mar 74 (Eng. Abstr.) (Por)

PHYSIOPATHOLOGY

- [On the pituitary TSH response to different dosage of thyrotropin-releasing factor (TRF) (author's transl)] Sakoda M, et al. *J Jap Soc Intern Med* 62:1520-8, Nov 73 (Jap)

RADIOGRAPHY

- Brain volume in acromegaly. An encephalographic investigation. Rådberg C. *Acta Radiol [Diagn] (Stockh)* 15:113-33, Mar 74

SURGERY

- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
- [Pituitary apoplexy] Lindholm J, et al. *Ugeskr Laeger* 136:1150-2, 20 May 74 (Eng. Abstr.) (Dan)

VETERINARY

- Some observations on spontaneously occurring tumours of the central nervous system of Sprague-Dawley derived rats. Mawdesley-Thomas LE, et al. *J Pathol* 112:107-16, Feb 74

ADENOMA, EOSINOPHILIC

BLOOD

- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74

COMPLICATIONS

- Cytoplasmic microfilaments in the anterior lobe of the

ADENOMA, EOSINOPHILIC PITUITARY

- human pituitary gland. Kovacs K, et al.
Acta Anat (Basel) 87:414-26, 1974
 Acidophilic adenoma of the pituitary with
 polynuropathy. Sandbank U, et al.
J Neurol Neurosurg Psychiatry 37:324-9, Mar 74
 [Acromegaly syndrome: choice of surgical technic]
 Basso A, et al.
Neurochirurgie 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
 [Control of thyrotrophic and corticotrophic functions
 in acromegaly] Jaquet P, et al.
Neurochirurgie 19:531-6, Nov 73 (Eng. Abstr.) (Fre)

SURGERY

- Serial plasma growth hormone concentration during
 selective removal of pituitary tumors in acromegaly.
 Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
 [Pituitary apoplexy] Lindholm J, et al.
Ugeskr Laeger 136:1150-2, 20 May 74 (Eng. Abstr.)
 (Dan)
 [Acromegaly syndrome: choice of surgical technic]
 Basso A, et al.
Neurochirurgie 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
 [Eosinophilic adenoma of the parotid] Bętkowski A.
Wiad Lek 27:55-6, 1 Jan 74 (Eng. Abstr.) (Pol)

THERAPY

- [Control of thyrotrophic and corticotrophic functions
 in acromegaly] Jaquet P, et al.
Neurochirurgie 19:531-6, Nov 73 (Eng. Abstr.) (Fre)

CRANIOPHARYNGIOMA

COMPLICATIONS

- Testicular biopsy in the study of male infertility. 3.
 Pretesticular causes of infertility. Wong TW, et al.
Arch Pathol 98:1-8, Jul 74
 Suprasellar cysts associated with isosexual precocious
 puberty. Segall HD, et al. *Radiology* 111:607-16, Jun 74
 [Treatment of hypophyseal dwarfism with a
 commercial STH preparation (author's transl)] Tietze
 HU, et al.
Klin Paediatr 186:84-7, Jan 74 (Eng. Abstr.) (Ger)

DIAGNOSIS

- Differential diagnosis of an abnormal brain scan. Alker
 GJ Jr, et al.
Acta Radiol [Diagn] (Stockh) 13:627-33, 1972
 Brain scanning and conventional neuroradiologic
 methods in intracranial tumours. Scanning with
 99Tcm and a gamma camera. Bowallius M, et al.
Acta Radiol [Diagn] (Stockh) 13:634-42, 1972
 Pituitary tumours. Mason AS.
Can J Surg 17:142-6, May 74

METABOLISM

- Thyrotrophin responses to intravenous
 thyrotrophin-releasing hormone in patients with
 hypothalamic and pituitary disease. McLaren EH, et
 al. *Clin Endocrinol (Oxf)* 3:113-22, Apr 74

OCCURRENCE

- Tumours of the nervous system in the African in
 Eritrea (Ethiopia). Manfredonia M.
Afr J Med Sci 4:383-7, Oct 73

PATHOLOGY

- Pituitary tumours. Mason AS.
Can J Surg 17:142-6, May 74
 [Cranioopharyngioma ultrastructure. In vivo and in vitro
 study] Choux R, et al.
Arch Anat Pathol (Paris) 21:179-88, Jun 73 (Fre)

RADIOGRAPHY

- Pituitary tumours. Mason AS.
Can J Surg 17:142-6, May 74
 Suprasellar cysts associated with isosexual precocious
 puberty. Segall HD, et al. *Radiology* 111:607-16, Jun 74

SURGERY

- Transsphenoidal microsurgery. Cirić IS, et al.
Surg Neurol 2:207-12, May 74

DIABETES INSIPIDUS

- Structural changes in the arginine vasopressin
 molecule that prolong its antidiuretic action. Sawyer
 WH, et al. *Endocrinology* 95:140-9, Jul 74

COMPLICATIONS

- [Juvenile diabetes and primary optic atrophy] Laffay
 G, et al.
Sem Hop Paris 50:127-41, 8 Jan 74 (Eng. Abstr.) (Fre)
 [Life-threatening complications in the course of
 untreated diabetes insipidus of
 hypothalamic-hypophyseal origin] Bobrowski H, et al.
Pol Tyg Lek 29:993-4, 10 Jun 74 (Eng. Abstr.) (Pol)

DIAGNOSIS

- Diagnostic value of mannitol-induced diuresis in
 children. Oetliker OH, et al.
Acta Paediatr Scand 63:113-21, Jan 74
 Endocrine profiles in the clinical laboratory. Bacchus
 H. *Prog Clin Pathol* 4:1-110, 1972 (217 ref.)
 [Determinations of PBI and T3] Verreschi IN, et al.
Rev Paul Med 82:129-32, Sep-Oct 73 (Eng. Abstr.)
 (For)

DRUG THERAPY

- Halofenate versus clofibrate in the management of true
 diabetes insipidus. Gattereau A, et al.
Can Med Assoc J 110:1275-77, 8 Jun 74
 Clinical value of the combinations of carbamazepine
 (tegretol), chlorpropamide (diabinese) and
 vasopressin in the treatment of pituitary diabetes
 insipidus. Radó JP, et al.
Endokrinologie 62:297-309, 1973
 [Diabetes insipidus] Yoshida S.
Clin Endocrinol (Tokyo) 22:10-2, Jan 74 (Jap)
 [Life-threatening complications in the course of
 untreated diabetes insipidus of
 hypothalamic-hypophyseal origin] Bobrowski H, et al.
Pol Tyg Lek 29:993-4, 10 Jun 74 (Eng. Abstr.) (Pol)
 [Chlorpropamide treatment of diabetes insipidus]
 Trunchenkova ES, et al.
Probl Endocrinol (Mosk) 20:18-21, Mar-Apr 74 (Eng.
 Abstr.) (Rus)

ETIOLOGY

- Human rabies. Diagnosis, complications, and
 management. Bhatt DR, et al.
Am J Dis Child 127:862-9, Jun 74
 Transsphenoidal microsurgery. Cirić IS, et al.
Surg Neurol 2:207-12, May 74
 [The juxtaglomerular apparatus of the kidney in
 diabetes insipidus (author's transl)] Sonderegger P.
Beitr Pathol 151:361-72, Apr 74 (Eng. Abstr.) (Ger)
 [Generalized eosinophil granulomatosis with jaw
 involvement and endocrine disorders] Hardt N.
ZWR 83:525-8, 10 Jun 74 (Ger)

FAMILIAL & GENETIC

- Diabetes mellitus and optic atrophy with associated
 findings of diabetes insipidus and neurosensory
 hearing loss in two siblings. Marquardt JL, et al.
Arch Intern Med 134:32-7, Jul 74

METABOLISM

- Diagnostic value of mannitol-induced diuresis in
 children. Oetliker OH, et al.
Acta Paediatr Scand 63:113-21, Jan 74
 Effect of prolonged lithium ingestion on glucagon and
 parathyroid hormone responses in rats. Olesen OV, et
 al. *Acta Pharmacol Toxicol (Kbh)* 34:225-31, Apr 74

PATHOLOGY

- [The juxtaglomerular apparatus of the kidney in
 diabetes insipidus (author's transl)] Sonderegger P.
Beitr Pathol 151:361-72, Apr 74 (Eng. Abstr.) (Ger)
 [Diabetes insipidus and pregnancy] Davidova Rla.
Pediatr Akush Ginekol 3:62, May-Jun 74 (Ukr)

PHYSIOPATHOLOGY

- Inhibition of clofibrate-induced antidiuresis by
 glybenclamide in patients with pituitary diabetes

PITUITARY

DWARFISM

insipidus. Radó JP, et al.

J Clin Pharmacol 5:290-5, May-Jun 74

Chemical and dimensional characterization of the renal countercurrent system in mice. Kettyle WM, et al. Kidney Int 1:135-44, Mar 72

URINE

Halofenate versus clofibrate in the management of true diabetes insipidus. Gattereau A, et al. Can Med Assoc J 110:1275-77, 8 Jun 74

DWARFISM

[Thanatophore dwarfism (author's transl)] Kunze D, et al. Munch Med Wochenschr 116:321-8, 15 Feb 74 (Eng. Abstr.) (Ger)

CHEMICALLY INDUCED

[Action of small doses of orally administered benzo-3,4-pyrene in female and male white rats. Effects upon their descendants] Mallet L, et al. J Radiol Electrol Med Nucl 54:61-4, Nov 73 (Fre)

COMPLICATIONS

Parastremmatic dwarfism. Campailla E, et al. Acta Univ Carol [Med Monogr] (Praha) 56:97-9, 1973
The Mauriac syndrome. Mandell F, et al. Am J Dis Child 127:900-2, Jun 74
The cardiopathy of mulibrey nanism, a new inherited syndrome. Tuuteri L, et al. Chest 65:628-31, Jun 74
The genetic entity of hypochondroplasia. Frydman M, et al. Clin Genet 5:223-9, 1974
The Schwartz-Jampel syndrome. Its clinical, physiological and histological expressions. Fowler WM Jr, et al. J Neurol Sci 22:127-46, May 74

CONGENITAL

Letter: The Russell-Silver syndrome. Szalay GC. Am J Dis Child 127:911, Jun 74
A new X-linked recessive disorder with dwarfism, cerebral atrophy, and generalized keratosis follicularis. Cantu JM, et al. J Pediatr 84:564-7, Apr 74
Letter: Comment on Russell-Silver syndrome. Severi F, et al. Pediatrics 54:119, Jul 74
Letter: Renal abnormalities in the Russell-Silver syndrome. Spirer Z, et al. Pediatrics 54:120, Jul 74

DIAGNOSIS

Cockayne's syndrome in two sisters. Srivastava RN, et al. Acta Paediatr Scand 63:461-4, May 74
Parastremmatic dwarfism. Campailla E, et al. Acta Univ Carol [Med Monogr] (Praha) 56:97-9, 1973
Emotional deprivation. Report of a case with features of leprechaunism. Hopwood NJ, et al. Am J Dis Child 127:892-4, Jun 74
Review of diastrophic dwarfism associated with cleft palate--presentation of a case. Herr N, et al. Cleft Palate J 11:229-34, Apr 74
The genetic entity of hypochondroplasia. Frydman M, et al. Clin Genet 5:223-9, 1974
[Thanatophore dwarfism (author's transl)] Kunze D, et al. Munch Med Wochenschr 116:321-8, 15 Feb 74 (Eng. Abstr.) (Ger)

DRUG THERAPY

Human growth hormone. A symposium. Maclaren NK, et al. Am J Dis Child 127:906-8, Jun 74
The Mauriac syndrome. Mandell F, et al. Am J Dis Child 127:900-2, Jun 74
[Growth retardation caused by endocrine abnormality] Suwa S. Clin Endocrinol (Tokyo) 22:88-91, Jan 74 (Jap)

ENZYMOLGY

The Schwartz-Jampel syndrome. Its clinical, physiological and histological expressions. Fowler WM Jr, et al. J Neurol Sci 22:127-46, May 74

ETIOLOGY

Emotional deprivation. Report of a case with features

of leprechaunism. Hopwood NJ, et al.

Am J Dis Child 127:892-4, Jun 74

Unusual spondyloepiphyseal and spondylometaphyseal dysplasias of childhood. Fisher RL. Clin Orthop 100:78-95, May 74

Short stature, hyperkalemia and acidosis: A defect in renal transport of potassium. Spitzer A, et al. Kidney Int 3:251-7, Apr 73

Schwachman's syndrome: the broad spectrum of bony abnormalities. McLennan TW, et al. Radiology 112:167-73, Jul 74

[Rubinstein-Taybi syndrome. Apropos of 2 new cases] Legrand J, et al. Arch Ophthalmol (Paris) 33:641-60, Oct 73 (Eng. Abstr.) (Fre)

[Late spondylo-epiphyseal dysplasia. Apropos of 3 new cases] Rémy J, et al. J Radiol Electrol Med Nucl 54:805-12, Nov 73 (Eng. Abstr.) (Fre)

[Growth retardation caused by endocrine abnormality] Suwa S. Clin Endocrinol (Tokyo) 22:88-91, Jan 74 (Jap)

[Developmental skin defects caused by chromosomal aberrations] Kozlowski J, et al. Przegl Dermatol 61:227-34, Mar-Apr 74 (Pol)

[Zinc and zinc deficiency--a clinical review] Haeger K. Lakartidningen 70:3243-6, 19 Sep 73 (46 ref.) (Eng. Abstr.) (Swe)

FAMILIAL & GENETIC

The cardiopathy of mulibrey nanism, a new inherited syndrome. Tuuteri L, et al. Chest 65:628-31, Jun 74
The genetic entity of hypochondroplasia. Frydman M, et al. Clin Genet 5:223-9, 1974
Fetal face syndrome with acral dysostosis. Schinzel A, et al. Helv Paediatr Acta 29:55-60, Apr 74

METABOLISM

Relationship of the adrenergic nervous system and growth hormone release in normal adults and children with various growth disorders. Lee PA, et al. Metabolism 23:595-601, Jul 74

PATHOLOGY

Cockayne's syndrome in two sisters. Srivastava RN, et al. Acta Paediatr Scand 63:461-4, May 74
The Schwartz-Jampel syndrome. Its clinical, physiological and histological expressions. Fowler WM Jr, et al. J Neurol Sci 22:127-46, May 74
[Osteochondro-muscular dystrophy or Schwartz-Jampel syndrome. Optic and ultrastructural study of striated muscle] Pages A, et al. Arch Anat Pathol (Paris) 22:65-76, Mar 74 (Fre)
[Thanatophore dwarfism (author's transl)] Kunze D, et al. Munch Med Wochenschr 116:321-8, 15 Feb 74 (Eng. Abstr.) (Ger)

RADIOGRAPHY

The genetic entity of hypochondroplasia. Frydman M, et al. Clin Genet 5:223-9, 1974
Unusual spondyloepiphyseal and spondylometaphyseal dysplasias of childhood. Fisher RL. Clin Orthop 100:78-95, May 74
Letter: Renal abnormalities in the Russell-Silver syndrome. Spirer Z, et al. Pediatrics 54:120, Jul 74
Schwachman's syndrome: the broad spectrum of bony abnormalities. McLennan TW, et al. Radiology 112:167-73, Jul 74
[Thanatophore dwarfism (author's transl)] Kunze D, et al. Munch Med Wochenschr 116:321-8, 15 Feb 74 (Eng. Abstr.) (Ger)

SURGERY

The cardiopathy of mulibrey nanism, a new inherited syndrome. Tuuteri L, et al. Chest 65:628-31, Jun 74

THERAPY

The Mauriac syndrome. Mandell F, et al. Am J Dis Child 127:900-2, Jun 74

DWARFISM

URINE

- The Mauriac syndrome. Mandell F, et al.
Am J Dis Child 127:900-2, Jun 74

DWARFISM, PITUITARY

BLOOD

- [Editorial: Growth hormone] Prange-Hansen A.
Ugeskr Laeger 136:1038-9, 6 May 74 (Dan)
[Behavior of the somatotrophic hormone and of somatomedin (sulfation factor) in achondroplasia] Isidori A, et al.
Folia Endocrinol (Roma) 27:179-84, Apr 74 (Eng. Abstr.) (Ita)
[Behavior of serum somatotropin after intramuscular administration of glucagon in normal and hypopituitary children in the prepubertal period] Pasargiklian E, et al.
Folia Endocrinol (Roma) 27:189-95, Apr 74 (Ita)

DRUG THERAPY

- [Treatment of hypophyseal dwarfism with a commercial STH preparation (author's transl)] Tietze HU, et al.
Klin Paediatr 186:84-7, Jan 74 (Eng. Abstr.) (Ger)

ETIOLOGY

- [Treatment of hypophyseal dwarfism with a commercial STH preparation (author's transl)] Tietze HU, et al.
Klin Paediatr 186:84-7, Jan 74 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

- Normal responsivity of serum IRI following subcutaneous administration of glucagon in 25 cases of pituitary dwarfism in children and adolescents. A negative report. Popa M, et al.
Folia Endocrinol (Roma) 27:265-71, Jun 74
[Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al.
Folia Endocrinol (Roma) 27:303-27, Jun 74 (Eng. Abstr.) (Ita)

THERAPY

- [Growth retardation caused by endocrine abnormality] Suwa S. *Clin Endocrinol (Tokyo)* 22:88-91, Jan 74 (Jap)

FROEHLICH'S SYNDROME

COMPLICATIONS

- [Surgical problems in deformities of the lower limbs. 2. Genu valgum (author's transl)] Reichelt A, et al.
Z Orthop 111:200-4, Apr 73 (Eng. Abstr.) (Ger)

GIGANTISM

COMPLICATIONS

- [Wiedeman-Beckwith syndrome in a newborn (1st case in Dakar)] Fall M, et al.
Bull Soc Med Afr Noire Lang Fr 19:68-75, 1974 (Eng. Abstr.) (Fre)

CONGENITAL

- [Wiedeman-Beckwith syndrome in a newborn (1st case in Dakar)] Fall M, et al.
Bull Soc Med Afr Noire Lang Fr 19:68-75, 1974 (Eng. Abstr.) (Fre)

DIAGNOSIS

- The Beckwith-Wiedemann syndrome. The exomphalos-macroglossia-gigantism syndrome. Wu NF, et al. *Clin Pediatr (Phila)* 13:452-7, May 74

DRUG THERAPY

- The Beckwith-Wiedemann syndrome. The exomphalos-macroglossia-gigantism syndrome. Wu NF, et al. *Clin Pediatr (Phila)* 13:452-7, May 74
Proceedings: Effect of growth hormone release

PITUITARY

- inhibiting hormone on the release of growth hormone and other pituitary hormones in man. Schally AV, et al. *J Endocrinol* 61:xiv, Apr 74

FAMILIAL & GENETIC

- The Beckwith-Wiedemann syndrome. The exomphalos-macroglossia-gigantism syndrome. Wu NF, et al. *Clin Pediatr (Phila)* 13:452-7, May 74

HYPERPITUITARISM

ENZYMOLOGY

- The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohipophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenerová V, et al. *Horm Metab Res* 6:208-13, May 74

PHYSIOPATHOLOGY

- The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohipophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenerová V, et al. *Horm Metab Res* 6:208-13, May 74

HYPOPITUITARISM

BLOOD

- Dibutyl cyclic 3':5'-adenosine monophosphate in hypopituitarism and Silver-Russell syndrome. Vanderschueren-Lodeweyckx, et al.
Acta Paediatr Scand 63:364-8, May 74
[Behavior of serum somatotropin after intramuscular administration of glucagon in normal and hypopituitary children in the prepubertal period] Pasargiklian E, et al.
Folia Endocrinol (Roma) 27:189-95, Apr 74 (Ita)

COMPLICATIONS

- Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Dluhy RG, et al.
Ann Intern Med 80:693-6, Jun 74
Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al.
Arch Pathol 98:1-8, Jul 74
Hypothalamic-hypothyroidism secondary to Sheehan's syndrome. Singer PA, et al.
West J Med 120:416-8, May 74
[Obesity as a disease: a wrong concept] Saltiel H. *Sem Hop Paris* 49:3377-81, 8 Dec 73 (Eng. Abstr.) (Fre)
[Myxedematous coma and dilutional hyponatremia] Valiquette G, et al.
Union Med Can 103:1082-90, Jun 74 (Eng. Abstr.) (Fre)
[Hypogonadism in Werner's syndrome] Török L, et al.
Z Hautkr 49:179-81, 1 Mar 74 (Ger)
[Changes of consciousness in Sheehan's syndrome] Court J, et al.
Rev Med Chil 101:780-3, Oct 73 (Eng. Abstr.) (Spa)

DIAGNOSIS

- An integrated direct functional test of the adenohipophysis. Rakoff J, et al.
Am J Obstet Gynecol 119:358-68, 1 Jun 74
[Clinical evaluation of the stimulation test using synthetic LH-RH] Olivier GC, et al.
Union Med Can 103:685-90, Apr 74 (Eng. Abstr.) (Fre)

DRUG THERAPY

- Dibutyl cyclic 3':5'-adenosine monophosphate in hypopituitarism and Silver-Russell syndrome. Vanderschueren-Lodeweyckx, et al.
Acta Paediatr Scand 63:364-8, May 74
[Anterior pituitary insufficiency] Shizume K.
Clin Endocrinol (Tokyo) 22:2-5, Jan 74 (Jap)

ETIOLOGY

- Cytoplasmic microfilaments in the anterior lobe of the human pituitary gland. Kovacs K, et al.
Acta Anat (Basel) 87:414-26, 1974
Insulin deficiency associated with hypoglycemia and good glucose tolerance in hypopituitarism. Report of a

case with acromegaly developing pituitary apoplexy. Nikkilä EA, et al. *Acta Med Scand* 195:435-9, May 74
[Cranio-vertebral boundary anomaly with pituitary gonadotropic insufficiency] Glebowska H, et al. *Endokrynol Pol* 25:153-8, Mar-Apr 74 (Eng. Abstr.) (Pol)

METABOLISM

Pituitary adenoma associated with inappropriate antidiuretic hormone secretion. Greiss KC, et al. *Acta Endocrinol (Kbh)* 76:59-66, May 74
Insulin deficiency associated with hypoglycemia and good glucose tolerance in hypopituitarism. Report of a case with acromegaly developing pituitary apoplexy. Nikkilä EA, et al. *Acta Med Scand* 195:435-9, May 74
Letter: The effect of contraceptive steroids on carbohydrate metabolism. Davidson MB. *Metabolism* 23:687-90, Jul 74
Catecholamine metabolism in health and disease. Hoeldtke R. *Metabolism* 23:663-83, Jul 74 (216 ref.)
Relationship of the adrenergic nervous system and growth hormone release in normal adults and children with various growth disorders. Lee PA, et al. *Metabolism* 23:595-601, Jul 74

PHYSIOPATHOLOGY

Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Dluhy RG, et al. *Ann Intern Med* 80:693-6, Jun 74
Gonadotropins and preantral follicular maturation in women. Ross GT. *Fertil Steril* 25:522-43, Jun 74 (85 ref.)
[Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al. *Folia Endocrinol (Roma)* 27:303-27, Jun 74 (Eng. Abstr.) (Ita)

HYPOTHALAMO-HYPOPHYSEAL SYSTEM

INJURIES

[Treatment of hypophyseal dwarfism with a commercial STH preparation (author's transl)] Tietze HU, et al. *Klin Paediatr* 186:84-7, Jan 74 (Eng. Abstr.) (Ger)

PITUITARY DISEASES

BLOOD

[The diurnal rhythm of 11-hydroxycorticoids in plasma in endocrinopathies with hypophysis and adrenal cortex disorders and in control persons (author's transl)] Vrbová H, et al. *Sb Lek* 74:263-75, Sep 72 (Eng. Abstr.) (Cze)

COMPLICATIONS

Male infertility. Current diagnosis and treatment. Amelar RD, et al. *Urology* 1:1-31, Jan 73
[Hypogonadism due to luteotropin-releasing hormone (LHRH) deficiency in a child with Prader-Labhart-Willi syndrome (author's transl)] Morgner KD, et al. *Dtsch Med Wochenschr* 99:1196-8, 31 May 74 (Eng. Abstr.) (Ger)
[Current possibilities of neuro-endocrine semeiology in anorexia nervosa. Report of a clinical case] Rolandi E, et al. *Arch E Maragliano Patol Clin* 29:109-15, Jan 73 (Eng. Abstr.) (Ita)

DIAGNOSIS

An integrated direct functional test of the adeno-hypophysis. Rakoff J, et al. *Am J Obstet Gynecol* 119:358-68, 1 Jun 74
Editorial: Assay of plasma thyrotropin—an important advance in study of pituitary thyroid axis. Rastogi GK. *J Assoc Physicians India* 21:235-6, Feb 73

ETIOLOGY

Pituitary apoplexy: the role of atheromatous emboli. Sussman EB, et al. *Stroke* 5:318-23, May-Jun 74

[Study of the hormonal gonadal function in diabetic women] López Villegas J, et al. *Ginecol Obstet Mex* 35:9-14, Jan 74 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

[Hypogonadism due to luteotropin-releasing hormone (LHRH) deficiency in a child with Prader-Labhart-Willi syndrome (author's transl)] Morgner KD, et al. *Dtsch Med Wochenschr* 99:1196-8, 31 May 74 (Eng. Abstr.) (Ger)

METABOLISM

Thyrotrophin responses to intravenous thyrotrophin-releasing hormone in patients with hypothalamic and pituitary disease. McLaren EH, et al. *Clin Endocrinol (Oxf)* 3:119-22, Apr 74

PATHOLOGY

Pituitary apoplexy: the role of atheromatous emboli. Sussman EB, et al. *Stroke* 5:318-23, May-Jun 74

SURGERY

Transsphenoidal microsurgery. Cirić IS, et al. *Surg Neurol* 2:207-12, May 74
[Stereotaxic surgery of the pituitary gland] Rusu M. *Rev Med Chir Soc Med Nat Iasi* 77:423-32, Jul-Sep 73 (53 ref.) (Rum)

PITUITARY GLAND

ABNORMALITIES

Underdevelopment of the pituitary. Crome L. *Dev Med Child Neurol* 16:222-4, Apr 74

PITUITARY NEOPLASMS

Thyroid hormone action: in vitro demonstration of putative receptors in isolated nuclei and soluble nuclear extracts. Samuels HH, et al. *Science* 184:1188-91, 14 Jun 74

BLOOD

A study of thyrotropin deficiencies by the combination of two tests of TSH function. Berthezene F, et al. *J Clin Endocrinol Metab* 38:1068-74, Jun 74
Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. *J Clin Invest* 53:1588-98, Jun 74

CHEMICALLY INDUCED

Sex hormones—effects on prolactin cells. el Etreby MF, et al. *Acta Endocrinol [Suppl] (Kbh)* 189:1-15, 1974 (48 ref.)
[Lack of long-term effects of the administration of heptachlor to suckling rats (author's transl)] Cabral JR, et al. *Tumori* 58:49-53, Jan-Feb 72 (Eng. Abstr.) (Ita)

CLASSIFICATION

Pituitary tumours. Mason AS. *Can J Surg* 17:142-6, May 74

COMPLICATIONS

Cytoplasmic microfilaments in the anterior lobe of the human pituitary gland. Kovacs K, et al. *Acta Anat (Basel)* 87:414-26, 1974
Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Dluhy RG, et al. *Ann Intern Med* 80:693-6, Jun 74
Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al. *Arch Pathol* 98:1-8, Jul 74
Acidophilic adenoma of the pituitary with polyneuropathy. Sandbank U, et al. *J Neurol Neurosurg Psychiatry* 37:324-9, Mar 74
Acromegaly: histochemical and electron microscopic changes in deltoid and intercostal muscle. Stern LZ, et al. *Neurology (Minneapolis)* 24:589-93, Jun 74
Acromegaly in a gravida and her infant. Fisch RO, et al. *Obstet Gynecol* 43:861-6, Jun 74

- Pituitary apoplexy: the role of atheromatous emboli. Sussman EB, et al. *Stroke* 5:318-23, May-Jun 74
- [Acromegaly syndrome: choice of surgical technic] Basso A, et al. *Neurochirurgie* 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
- [Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al. *Neurochirurgie* 19:531-6, Nov 73 (Eng. Abstr.) (Fre)
- [Use of chlorpromazine and trans-sphenoidal micro-surgery in the treatment of acromegaly (dynamic study of growth hormone secretion)] Lazorthes Y, et al. *Neurochirurgie* 19:603-10, Dec 73 (Eng. Abstr.) (Fre)
- [Central scotomas in the course of sellar and parasellar tumors] Bigorgne J, et al. *Rev Otonéuroophthalmol* 45:185-91, Mar-Apr 73 (Fre)
- [Spontaneous nasal cerebrospinal fluid fistula, empty sella and residual pituitary adenoma] Cademartori MS. *Arq Neuropsiquiatr* 32:67-70, Mar 74 (Eng. Abstr.) (Por)

DIAGNOSIS

- Differential diagnosis of an abnormal brain scan. Alker GJ Jr, et al. *Acta Radiol [Diagn]* (Stockh) 13:627-33, 1972
- Brain scanning and conventional neuroradiologic methods in intracranial tumors. Scanning with 99Tcm and a gamma camera. Bowallius M, et al. *Acta Radiol [Diagn]* (Stockh) 13:634-42, 1972
- Brain scanning in the differential diagnosis of supratentorial tumors. Cronqvist S, et al. *Acta Radiol [Diagn]* (Stockh) 13:678-92, 1972
- Pituitary tumours. Mason AS. *Can J Surg* 17:142-6, May 74
- [Pituitary adenoma with intra-orbital extension. Apropos of a case] Divitilis E de, et al. *Neurochirurgie* 19:561-6, Nov 73 (Eng. Abstr.) (Fre)
- [Clinical evaluation of the stimulation test using synthetic LH-RH] Olivier GC, et al. *Union Med Can* 103:685-90, Apr 74 (Eng. Abstr.) (Fre)

ENZYMOLGY

- Acromegaly: histochemical and electron microscopic changes in deltoid and intercostal muscle. Stern LZ, et al. *Neurology (Minneapolis)* 24:589-93, Jun 74

METABOLISM

- Pituitary adenoma associated with inappropriate antidiuretic hormone secretion. Greiss KC, et al. *Acta Endocrinol (Kbh)* 76:59-66, May 74
- Pituitary gland polyribosomal function in rats bearing pituitary hormone-secreting tumors. Reagen CR, et al. *Biochim Biophys Acta* 353:77-88, 14 Jun 74
- Thyrotrophin responses to intravenous thyrotrophin-releasing hormone in patients with hypothalamic and pituitary disease. McLaren EH, et al. *Clin Endocrinol (Oxf)* 3:113-22, Apr 74
- Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al. *Clin Endocrinol (Oxf)* 3:175-86, Apr 74
- Receptor-binding affinities and biological activities of analogs of thyrotrophin-releasing hormone in prolactin-producing pituitary cells in culture. Hinkle PM, et al. *J Clin Invest* 53:3085-90, Jun 74
- Studies on growth hormone secretion. VI. Effects of dibutyryl cyclic AMP, prostaglandin E1, and indomethacin on growth and hormone secretion by rat pituitary tumor cells in culture. Hertelendy F, et al. *Prostaglandins* 6:217-25, 10 May 74

OCCURRENCE

- Some observations on spontaneously occurring tumours of the central nervous system of Sprague-Dawley derived rats. Mawdesley-Thomas LE, et al. *J Pathol* 112:107-16, Feb 74

PATHOLOGY

- Pituitary gland polyribosomal function in rats bearing pituitary hormone-secreting tumors. Reagen CR, et al. *Biochim Biophys Acta* 353:77-88, 14 Jun 74
- Pituitary tumours. Mason AS. *Can J Surg* 17:142-6, May 74
- Fine structure of pituitary tumors and transplants in

- mice: effects on the prostate. Petrea I, et al. *Int J Cancer* 11:40-57, 15 Jan 73
- Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al. *Int J Cancer* 12:100-14, 15 Jul 73
- Pituitary apoplexy: the role of atheromatous emboli. Sussman EB, et al. *Stroke* 5:318-23, May-Jun 74
- [Cranioopharyngioma ultrastructure. In vivo and in vitro study] Choux R, et al. *Arch Anat Pathol (Paris)* 21:179-88, Jun 73 (Fre)
- [Spontaneous nasal cerebrospinal fluid fistula, empty sella and residual pituitary adenoma] Cademartori MS. *Arq Neuropsiquiatr* 32:67-70, Mar 74 (Eng. Abstr.) (Por)

PHYSIOPATHOLOGY

- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. *J Clin Invest* 53:1588-98, Jun 74
- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
- [Pituitary adenoma with intra-orbital extension. Apropos of a case] Divitilis E de, et al. *Neurochirurgie* 19:561-6, Nov 73 (Eng. Abstr.) (Fre)
- [Use of chlorpromazine and trans-sphenoidal micro-surgery in the treatment of acromegaly (dynamic study of growth hormone secretion)] Lazorthes Y, et al. *Neurochirurgie* 19:603-10, Dec 73 (Eng. Abstr.) (Fre)
- [Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al. *Folia Endocrinol (Roma)* 27:303-27, Jun 74 (Eng. Abstr.) (Ita)
- [On the pituitary TSH response to different dosage of thyrotrophin-releasing factor (TRF) (author's transl)] Sakoda M, et al. *J Jap Soc Intern Med* 62:1520-8, Nov 73 (Jap)

RADIOGRAPHY

- Pituitary tumours. Mason AS. *Can J Surg* 17:142-6, May 74
- [Autotomography with pneumoencephalography] Betz H. *Roentgenblaetter* 26:131-8, Mar 73 (Eng. Abstr.) (Ger)
- [X-ray diagnosis of midline tumors with special reference to encephalo-tomography and electronic harmonizing procedure] Lohr E, et al. *Roentgenblaetter* 26:139-43, Mar 73 (Eng. Abstr.) (Ger)
- [Importance of plain radiographs of the skull in the diagnosis of intra and suprasellar tumours (author's transl)] Bryce S, et al. *Ann Univ Mariae Curie Sklodowska [Med]* 28:129-32, 1973 (Eng. Abstr.) (Pol)

SURGERY

- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
- Transsphenoidal microsurgery. Cirić IS, et al. *Surg Neurol* 2:207-12, May 74
- [Pituitary apoplexy] Lindholm J, et al. *Ugeskr Laeger* 136:1150-2, 20 May 74 (Eng. Abstr.) (Dan)
- [Acromegaly syndrome: choice of surgical technic] Basso A, et al. *Neurochirurgie* 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
- [Stereotaxic surgery of the pituitary gland] Rusu M. *Rev Med Chir Soc Med Nat Iasi* 77:423-32, Jul-Sep 73 (53 ref.) (Rum)

THERAPY

- [Pituitary adenoma with intra-orbital extension. Apropos of a case] Divitilis E de, et al. *Neurochirurgie* 19:561-6, Nov 73 (Eng. Abstr.) (Fre)
- [Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al. *Neurochirurgie* 19:531-6, Nov 73 (Eng. Abstr.) (Fre)
- [Use of chlorpromazine and trans-sphenoidal

PITUITARY

micro-surgery in the treatment of acromegaly
(dynamic study of growth hormone secretion)]
Lazorthes Y, et al.
Neurochirurgie 19:603-10, Dec 73 (Eng. Abstr.) (Fre)
[Endocrine diseases in pregnancy] Sakamoto S, et al.
Clin Endocrinol (Tokyo) 22:142-5, Jan 74 (Jap)

VETERINARY

Some observations on spontaneously occurring
tumours of the central nervous system of
Sprague-Dawley derived rats. Mawdesley-Thomas LE,
et al. J Pathol 112:107-16, Feb 74

SHEEHAN'S SYNDROME

COMPLICATIONS

Hypothalamic-hypothyroidism secondary to Sheehan's
syndrome. Singer PA, et al.
West J Med 120:416-8, May 74
[Changes of consciousness in Sheehan's syndrome]
Court J, et al.
Rev Med Chil 101:780-3, Oct 73 (Eng. Abstr.) (Spa)

OCCURRENCE

[Assessment of thyroid function in women with
menstruation disorders] Baron J, et al.
Ginekol Pol 45:443-9, Apr 74 (Eng. Abstr.) (Pol)

PITUITARY

III. Pituitary Hormones, Precursors, Metabolites and Synthetic Analogs

CORTICOTROPIN

- Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. Diliberto EJ Jr, et al. *Proc Natl Acad Sci USA* 71:1701-4, May 74
- Radioimmunoassays. Parker CW.
- Frog Clin Pathol* 4:103-41, 1972 (164 ref.)
- [Recent findings on ultrastructure of amitosis in interrenal cells of *Rana temporaria* L.] Pehlemann FW. *Verh Anat Ges* 67:619-24, 1972 (Ger)
- [The glucose-6-phosphate dehydrogenase isoenzyme spectrum of subcellular organ fractions from rabbits with endogenous and exogenous hypercorticism] Gula NM, et al.
- Ukr Biokhim Zh* 46:227-31, Mar-Apr 74 (Eng. Abstr.) (Ukr)

ADMINISTRATION & DOSAGE

- Effects of hypophysectomy with or without ACTH maintenance therapy on the final steps of aldosterone biosynthesis in the rat. Baumann K, et al.
- Acta Endocrinol (Kbh)* 76:102-16, May 74
- Biological activity of synthetic human corticotropin with revised amino acid sequence. Schenkel-Hulliger L, et al. *Acta Endocrinol (Kbh)* 75:24-32, Jan 74
- Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Dluhy RG, et al.
- Ann Intern Med* 80:693-6, Jun 74
- The effect of corticotrophine and cortisone on arylsulphatase activity in stomach mucosa of rats. Kozłowska K. *Endokrinologie* 62:359-62, 1973
- The effect of cholera enterotoxin on steroidogenesis in cultured adrenal tumor cells. Wishnow RM, et al.
- J Infect Dis* 129:690-5, Jun 74
- Relationship of the adrenergic nervous system and growth hormone release in normal adults and children with various growth disorders. Lee PA, et al.
- Metabolism* 23:595-601, Jul 74
- Proceedings: Thyroid function in the foetal calf. Nathanielsz PW, et al. *N Engl J Med* 291:1xxi, 11 Jun 74
- Competitive protein-binding assay for corticoids in the peripheral plasma of the immature chicken. Buckland RB, et al. *Poult Sci* 53:241-5, Jan 74
- Transvenous adrenal destruction: clinical trials in patients with metastatic malignancy. Zimmerman CE, et al. *Surgery* 75:550-6, Apr 74
- [Determination of 17-alpha hydroxyprogesterone in plasma using competitive protein binding] Roux H, et al.
- Ann Biol Clin (Paris)* 32:65-9, 1974 (Eng. Abstr.) (Fre)
- [The effect on estrogen, ACTH and cortisone administration, as well as hypophysectomy on histological changes in unilateral renal hilus ligation] László F, et al.
- Morphol Igassaguyi Orv Sz* 14:8-12, Jan 74 (Eng. Abstr.) (Hun)
- [Kinetics of the initial response of plasma corticoids to corticotropin administration] Oriol Bosch A, et al.
- Rev Iber Endocrinol* 21:209-15, May 74 (Eng. Abstr.) (Spa)
- [Influence of high altitude adaptation on the metabolic response following administration of adrenocorticotrophic hormone and after hypoxia load in the altitude of 6000 m above sea level] Baláz V, et al.
- Fysiatr Reumatol Vestn* 52:157-64, Jun 74 (Slo)

ADVERSE EFFECTS

- Benefit from adrenocorticotrophin in myasthenia gravis. Liversedge LA, et al.
- J Neurol Neurosurg Psychiatry* 37:412-5, Apr 74
- Effects of corticotrophin, starvation and glucose on ascorbic acid levels in the blood plasma and liver of piglets. Dvořák M. *Nutr Metab* 16:215-22, 1974
- ACTH therapy in some nonhypersarhythmic forms of epilepsy. Tudor I, et al.
- Rev Roum Neurol Psychiatr* 11:47-56, 1974
- [Synacthen-depot in dermatology (author's transl)]

- Dubois-Ferrière G, et al.
- Dermatologica* 148:65-71, 1974 (Eng. Abstr.) (Fre)
- [Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hannemann HR.
- Med Klin* 69:513-24, 29 Mar 74 (136 ref.) (Ger)
- [The effect on estrogen, ACTH and cortisone administration, as well as hypophysectomy on histological changes in unilateral renal hilus ligation] László F, et al.
- Morphol Igassaguyi Orv Sz* 14:8-12, Jan 74 (Eng. Abstr.) (Hun)
- [Effect of some drugs in the development and exacerbation of gastric and duodenal ulcer] Palasz M. *Wiad Lek* 27:1079-82, 15 Jun 74 (17 ref.) (Pol)

ANALYSIS

- The redox bioassay technique for the direct assessment of pituitary adrenocorticotrophic activity in the rat. Buckingham JC, et al.
- Clin Endocrinol (Oxf)* 3:347-8, Jul 74
- Diethylpyrocabonate, a vapour-phase fixative for immunofluorescence studies on polypeptide hormones. Pearce AG, et al.
- Histochem J* 6:347-52, May 74
- Corticotrophin-like peptides in the rat pituitary. Scott AP, et al. *J Endocrinol* 61:355-67, Jun 74
- [Studies of the variability of action of pituitary hormones. II. Tetracosactide and STH] De Luca R, et al. *Boll Soc Ital Biol Sper* 49:619-21, 15 Jul 73 (Ita)
- [Effect of a physical load of varying duration on the function of the hypothalamo-hypophyseal-adrenal system in rats] Karaulova LK.
- Fiziol Zh SSSR* 59:1322-5, Sep 73 (Eng. Abstr.) (Rus)
- [Structure and properties of hypophyseal hormones. 1. Peptide hormones of the pituitary gland] Pankov IuA. *Probl Endocrinol (Mosk)* 20:106-14, Mar-Apr 74 (Rus)

ANTAGONISTS & INHIBITORS

- Inhibition by phenothiazines of adenylate cyclase in adrenal and brain tissue. Free CA, et al.
- Adv Biochem Psychopharmacol* 9:739-48, 1974
- Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL.
- Prog Brain Res* 39:361-72, 1973 (33 ref.)

BIOSYNTHESIS

- Inhibition by phenothiazines of adenylate cyclase in adrenal and brain tissue. Free CA, et al.
- Adv Biochem Psychopharmacol* 9:739-48, 1974
- Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. Daly JR, et al.
- Br Med J* 2:521-4, 8 Jun 74
- In vitro synthesis of an ACTH-like hormone and human chorionic somatomammotrophin by placental and amniotic cells. Genazzani AR, et al.
- Experientia* 30:430-2, 15 Apr 74
- Paradoxical response to dexamethasone. A contribution to the differential diagnosis of adrenal hyperfunction? Serrera Contreras JL, et al.
- Rev Iber Endocrinol* 21:127-48, Mar-Apr 74 (Eng. Abstr.) (Spa)

BLOOD

- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al.
- Am J Obstet Gynecol* 119:283-96, 1 Jun 74
- Plasma corticotropin radioimmunoassay, with use of fuller's earth for extraction. Horgan ED, et al.
- Clin Chem* 20:682-6, Jun 74
- The cytochemical section assay for corticotrophin. Alaghband-Zadeh J, et al.
- Clin Endocrinol (Oxf)* 3:319-27, Jul 74

PITUITARY

CORTICOTROPIN

Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74

The redox bioassay technique for the direct assessment of pituitary adrenocorticotrophic activity in the rat. Buckingham JC, et al. *Clin Endocrinol (Oxf)* 3:347-8, Jul 74

Application of the cytochemical bioassay for corticotrophin to clinical and physiological studies in man. Daly JR, et al. *Clin Endocrinol (Oxf)* 3:335-45, Jul 74

The cytochemical bioassay of corticotrophin. Daly JR, et al. *Clin Endocrinol (Oxf)* 3:311-8, Jul 74

Plasma corticotrophin levels during insulin-hypoglycaemia: comparison of radioimmunoassay and cytochemical bioassay. Fleisher MR, et al. *Clin Endocrinol (Oxf)* 3:203-8, Apr 74

Validation of the redox cytochemical assay for corticotrophin. Holdaway IM, et al. *Clin Endocrinol (Oxf)* 3:329-34, Jul 74

Thyrotrophin responses to intravenous thyrotrophin-releasing hormone in patients with hypothalamic and pituitary disease. McLaren EH, et al. *Clin Endocrinol (Oxf)* 3:113-22, Apr 74

Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al. *Clin Endocrinol (Oxf)* 3:175-86, Apr 74

Diminishing corticotrope capacity to release ACTH during sustained stimulation: the twenty-four hours after bilateral adrenalectomy in the rat. Dallman MF, et al. *Endocrinology* 95:65-73, Jul 74

The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al. *Horm Res* 5:173-81, 1974

Physiological and endocrinological changes in response to terminal heat stress in swine. Marple DN, et al. *J Anim Sci* 39:78-82, Jul 74

Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al. *J Clin Endocrinol Metab* 38:1083-9, Jun 74

Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74

The nature of the circadian periodicity and suppressibility of immunoreactive ACTH levels in Addison's disease. Krieger DT, et al. *J Clin Endocrinol Metab* 39:46-52, Jul 74

Recovery of hypothalamic-pituitary-adrenal function, growth hormone responsiveness and sleep EEG pattern in a patient following removal of an adrenal cortical adenoma. Krieger DT, et al. *J Clin Endocrinol Metab* 38:1075-82, Jun 74

Multiple hormones in a bronchial tumor. Rees LH, et al. *J Clin Endocrinol Metab* 38:1090-7, Jun 74

Proceedings: Corticosterone in the control of corticotrophin secretion in the rat. Buckingham J, et al. *J Endocrinol* 61:xxvixxvii, Apr 74

Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74

Adrenal response in pregnancy to long-acting tetracosactrin. Johnstone FD, et al. *J Obstet Gynaecol Br Commonw* 81:363-7, May 74

Proceedings: Pituitary adrenocorticotrophic activity after adrenalectomy and adrenal enucleation in the rat. Buckingham J, et al. *N Engl J Med* 291:lxvixvi, 11 Jun 74

Pituitary-adrenal function in adult androgenized female rats. Dunn JD. *Proc Soc Exp Biol Med* 145:75-7, May 74

[Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al. *Neurochirurgie* 19:531-6, Nov 73 (Eng. Abstr.) (Fre)

[Pituitary gland-adrenal cortex regulation in patients with chronic kidney failure during longtime hemodialysis] Hrubesch M, et al. *Verh Dtsch Ges Inn Med* 79:731-4, 1973 (Ger)

[ACTH and plasma cortisol level under function dynamic conditions in normal weight persons and patients with exogenous obesity] Wagner H, et al. *Verh Dtsch Ges Inn Med* 79:1245-9, 1973 (Ger)

[Effect of glucocorticoids and the level of ACTH, TSH, LH and FSH in the human serum] Wagner H, et al. *Verh Dtsch Ges Rheumatol* 3:271-6, 1974 (Eng. Abstr.) (Ger)

[Pituitary-adrenal system and certain "tissue" factors of regulation in children with allergic skin

manifestations] Kolesov DV, et al. *Vesta Dermatol Venerol* 48:32-7, 1974 (Eng. Abstr.) (Rus)

[Determination of adrenocorticotrophic hormone and 17-hydroxycorticosteroids in cancer of the corpus uteri as well as in its recurrences and metastases] Glebov BF, et al. *Pediatr Akush Ginekol* 3:57-60, 1973 (Ukr)

DIAGNOSTIC USE

Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Dluhy RG, et al. *Ann Intern Med* 80:693-6, Jun 74

Letter: Anticoagulant therapy and acute adrenal insufficiency. Portnay GI, et al. *Ann Intern Med* 81:115, Jul 74

Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74

Recovery of hypothalamic-pituitary-adrenal function, growth hormone responsiveness and sleep EEG pattern in a patient following removal of an adrenal cortical adenoma. Krieger DT, et al. *J Clin Endocrinol Metab* 38:1075-82, Jun 74

A preview of growth hormone stimulation tests in children. Frasier SD. *Pediatrics* 53:929-37, Jun 74

Diabetes and Addison's disease. Yoo J, et al. *Postgrad Med* 55:62-9, Jun 74

[Latent adrenal gland insufficiency in ketonemic vomiting] Zimprich H, et al. *Helv Paediatr Acta* 29:43-50, Apr 74 (Eng. Abstr.) (Ger)

[Experiences with alternating corticoid therapy of chronic polyarthritis] Wittenborg A, et al. *Verh Dtsch Ges Inn Med* 79:1417-9, 1973 (Ger)

Paradoxical response to dexamethasone. A contribution to the differential diagnosis of adrenal hyperfunction? Serrera Contreras JL, et al. *Rev Iber Endocrinol* 21:127-48, Mar-Apr 74 (Eng. Abstr.) (Spa)

ISOLATION & PURIFICATION

Purification and characterization of porcine corticotrophin-like intermediate lobe peptide. Scott AP, et al. *J Endocrinol* 61:369-80, Jun 74

METABOLISM

Metabolism of two adrenocorticotrophin analogues in the intestine of the rat. Lowry PJ, et al. *Biochem J* 138:87-95, Jan 74

Hormone-receptor interactions. Adrenocorticotrophic hormone binding site increase in isolated fat cells by phenoxazones. Lang U, et al. *Biochemistry* 13:2626-33, 4 Jun 74

Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al. *Clin Endocrinol (Oxf)* 3:175-86, Apr 74

Differentiation between the steroidogenic effects of cholera enterotoxin and adrenocorticotrophin through use of a mutant adrenal cell line. Donta ST. *J Infect Dis* 129:728-31, Jun 74

Proceedings: Characterization of adrenocortical cell receptors for adrenocorticotrophin. McIlhinney RA, et al. *N Engl J Med* 291:58-9, 11 Jun 74

[Immuoendocrinology] Niederer W. *Schweiz Med Wochenschr* 104:841-7, 15 Jun 74 (87 ref.) (Eng. Abstr.) (Ger)

[Study of the pituitary corticotrophin reserve with metyrapone in subjects treated with a steroid association and with the single components] Balestreri R, et al. *Folia Endocrinol (Roma)* 27:168-78, Apr 74 (Eng. Abstr.) (Ita)

[Syndrome of total hypercorticism in a patient with pheochromoblastoma] Gerasimenko PP, et al. *Frobl Endokrinol (Mosk)* 20:38-41, Mar-Apr 74 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Effects of hypophysectomy with or without ACTH maintenance therapy on the final steps of aldosterone biosynthesis in the rat. Baumann K, et al. *Acta Endocrinol (Kbh)* 76:102-16, May 74

Hypercorticism in rabbits immunized against corticosteroids. Gless KH, et al. *Acta Endocrinol (Kbh)* 75:342-9, Feb 74

- Phosphorylation in vitro of adrenal subcellular proteins by adenosine-3',5'-monophosphate-dependent protein kinase: effect of ACTH in vivo. Ichii S, et al. *Acta Endocrinol (Kbh)* 75:325-32, Feb 74
- A new in vitro method for assay of the biological activity of growth hormone. Saxena RK, et al. *Acta Endocrinol (Kbh)* 76:248-59, Jun 74
- Biological activity of synthetic human corticotropin with revised amino acid sequence. Schenkel-Hulliger L, et al. *Acta Endocrinol (Kbh)* 75:24-32, Jan 74
- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al. *Am J Obstet Gynecol* 119:283-98, 1 Jun 74
- The effect of two synthetic ACTH analogues on the metabolism of biogenic amines in the rat brain. Leonard BE.
- Arch Int Pharmacodyn Ther* 207:242-53, Feb 74
- Ultrastructure and function of the mesenchyme of the rat adrenal cortex. Mäusle E. *Beitr Pathol* 151:344-60, Apr 74
- Dual role of calcium in steroidogenesis in the isolated adrenal cell of rat. Bowyer F, et al. *Biochem Biophys Res Commun* 57:100-5, 15 Mar 74
- A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al. *Biochem Biophys Res Commun* 58:983-9, 18 Jun 74
- Regulation by various hormones and agents of adenosine-3',5'-monophosphate levels in islets of Langerhans of rats. Kuo WN, et al. *Biochem Pharmacol* 23:1387-91, 1 May 74
- Inhibitors of glucagon inactivation. Effect on glucagon-receptor interactions and glucagon-stimulated adenylate cyclase activity in liver cell membranes. Desbuquois B, et al. *Biochim Biophys Acta* 343:101-20, 20 Mar 74
- Cyclic nucleotide levels in incubations of guinea pig trachea. Murad F, et al. *Biochim Biophys Acta* 343:275-86, 22 Apr 74
- Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. Daly JR, et al. *Br Med J* 2:521-4, 8 Jun 74
- Studies on the mechanism of cytochemical bioassays. Chayen J, et al. *Clin Endocrinol (Oxf)* 3:349-60, Jul 74
- Application of the cytochemical bioassay for corticotrophin to clinical and physiological studies in man. Daly JR, et al. *Clin Endocrinol (Oxf)* 3:335-45, Jul 74
- Comparative investigations on lipolysis and re-esterification in adipose tissue of man and various species of mice. Herberg L, et al. *Comp Biochem Physiol [A]* 48:163-73, 1 May 74
- Aldosterone secretion in the enucleated rat adrenal during salt retention. Pratt JH, et al. *Endocrinology* 95:48-54, Jul 74
- The effect of corticotrophin and cortisone on arylsulphatase activity in stomach mucosa of rats. Kozłowska K. *Endokrynologie* 62:359-62, 1973
- Tribenozide as an inhibitor of chemically induced histamine release. Rüegg M, et al. *Experientia* 30:399-401, 15 Apr 74
- Autoradiographic studies on the influence of ACTH and ovarian hormones on proliferation of epithelial cells of the mammary gland in white mice. Teppa-Szumowska E. *Folia Morphol (Warsz)* 33:37-44, 1974
- Cyclic AMP and adrenergic receptors in Gambusia affinis melanophore response in vitro. Colley AM, et al. *Gen Comp Endocrinol* 23:154-63, Jun 74
- Phenylethanolamine-N-methyl transferase activity in the avian adrenal following immobilization or adrenocorticotropin. Zachariassen RD, et al. *Gen Comp Endocrinol* 23:193-8, Jun 74
- Effect of lipids and hypolipemic drugs on platelet aggregation and thrombosis. O'Brien JR. *Haemostasis* 2:169-75, 1973-74 (29 ref.)
- Renal handling of cortisol in dogs. II. Effect of ACTH on stop flow pattern. Boonayathap U, et al. *Horm Metab Res* 6:154-7, Mar 74
- The response of adipose tissue to lipid mobilizing hormones in postnatally under- and overnourished rats. Macho L. *Horm Metab Res* 6:226-9, May 74
- Epinephrine and adrenocorticotrophic hormone-stimulated magnesium accumulation in adipocytes and their plasma membranes. Elliott DA, et al. *J Biol Chem* 249:3985-90, 25 Jun 74
- Adenylate cyclase. A new kinetic analysis of the effects of hormones and fluoride ion. Haën C de. *J Biol Chem* 249:2756-62, 10 May 74
- Stimulation and desensitization of macrophage adenylate cyclase by prostaglandins and catecholamines. Remold-O'Donnell E. *J Biol Chem* 249:361-21, 10 Jun 74
- Ultrastructure, steroidogenic potential, and energy metabolism of the Snell adrenocortical carcinoma 494. A comparison with normal adrenocortical tissue. Kimmel GL, et al. *J Cell Biol* 62:152-63, Jul 74
- The effect of calcium concentration on ACTH stimulation of steroidogenesis in mouse adrenal tumor cells. Wishnow RM, et al. *J Cell Physiol* 83:419-23, Jun 74
- Regulation of aldosterone in the syndrome of inappropriate antidiuretic hormone secretion (SIADH). Fichman MP, et al. *J Clin Endocrinol Metab* 39:136-44, Jul 74
- Human adrenal tissue in vitro: steroidogenic properties. Pearlmutter AF, et al. *J Clin Endocrinol Metab* 39:150-3, Jul 74
- Secretion of 16alpha-hydroxyprogesterone and other steroids by the adult human adrenal. Ramseyer J, et al. *J Clin Endocrinol Metab* 39:102-7, Jul 74
- The effects of epinephrine and prostaglandin E-1 on cyclic adenosine 3',5'-monophosphate levels in WI-38 fibroblasts. Kelly LA, et al. *J Clin Invest* 53:3098-102, Jun 74
- Plasma testosterone, androstenedione and urinary 17-oxosteroids in hirsutism. Andre CM, et al. *J Endocrinol* 61:xxx1-xxx11, Apr 74
- Proceedings: Effect of synthetic corticotrophin analogues on plasma delta4-androstenedione, testosterone and gonadotrophins in normal men. Irvine WJ, et al. *J Endocrinol* 61:27-8, Apr 74
- The effect of ergocornine on melanophores of *Ambystoma tigrinum*: evidence for suppression of pituitary MSH release. Platt JE, et al. *J Exp Zool* 189:7-12, Jul 74
- Differentiation between the steroidogenic effects of cholera enterotoxin and adrenocorticotropin through use of a mutant adrenal cell line. Donta ST. *J Infect Dis* 129:728-31, Jun 74
- The effect of cholera enterotoxin on steroidogenesis in cultured adrenal tumor cells. Wishnow RM, et al. *J Infect Dis* 129:690-5, Jun 74
- The effect of hypophysial hormones and human chorionic gonadotrophin (HCG) on the anencephalic fetal adrenal cortex and on parturition in the human. Honnebler WJ, et al. *J Obstet Gynaecol Br Commonw* 81:423-38, Jun 74
- Adrenal response in pregnancy to long-acting tetracosactrin. Johnstone FD, et al. *J Obstet Gynaecol Br Commonw* 81:363-7, May 74
- Effect of morphinization on in vitro incorporation of labelled precursors into adrenal protein and nucleic acids in rats. Kuwamura T, et al. *Jap J Pharmacol* 24:89-95, Feb 74
- Proceedings: Studies of the "whorled body" in the adrenocortical cell. Nakamura M, et al. *Jap J Pharmacol* 24:Suppl:128, 1974
- Relationship of the adrenergic nervous system and growth hormone release in normal adults and children with various growth disorders. Lee PA, et al. *Metabolism* 23:595-601, Jul 74
- Proceedings: A correlated biochemical and morphological study of the development of adrenocorticotrophin-sensitive adenylate cyclase activity in foetal rabbit adrenals. Albano JD, et al. *N Engl J Med* 291:73-4, 11 Jun 74
- Proceedings: Further investigations on the effects of adrenalectomy and pituitary-adrenocortical hormone treatments on isolation-induced fighting behaviour in male albino mice. Brain PF, et al. *N Engl J Med* 291:43-4, 11 Jun 74
- Proceedings: Adrenal function, oestrogen and the control of parturition in the guinea-pig. Donovan BT, et al. *N Engl J Med* 291:ixxi-ixxii, 11 Jun 74
- Proceedings: Functional and morphological changes occurring in rat adrenal zona glomerulosa cells in monolayer culture. Hornsby PJ, et al. *N Engl J Med* 291:67-8, 11 Jun 74
- Proceedings: Functional affinities of the non-zoned adrenocortical tissue of the skink *Tiliqua rugosa* with the zone glomerulosa of the rat adrenal. Vinson GP, et al. *N Engl J Med* 291:lxv-lxvii, 11 Jun 74
- Urinary excretion of carnitine in progressive muscular dystrophy. Maebashi M, et al. *Nature* 249:173-4, 10 May 74

- Effects of corticotrophin, starvation and glucose on ascorbic acid levels in the blood plasma and liver of piglets. Dvořák M. *Nutr Metab* 16:215-22, 1974
- Competitive protein-binding assay for corticoids in the peripheral plasma of the immature chicken. Buckland RB, et al. *Poult Sci* 53:241-5, Jan 74
- Effects of epinephrine, adrenocorticotrophic hormone, and theophylline on adenosine 3', 5'-monophosphate phosphodiesterase activity in fat cells. Pawlson LG, et al. *Proc Natl Acad Sci USA* 71:1639-42, May 74
- Depression of frog isolated spinal cord by morphine and antagonism by tetracosactin. Zimmermann E, et al. *Proc Soc Exp Biol Med* 146:575-9, Jun 74
- The influence of peptides derived from corticotrophin (ACTH) on performance. Structure activity studies. Greven HM, et al. *Prog Brain Res* 39:429-42, 1973
- Behavioral aspects of melanocyte-stimulating hormone (MSH). Kastin AJ, et al. *Prog Brain Res* 39:461-70, 1973 (38 ref.)
- Effects of adrenal steroids on brain function and behavior. Korányi L. *Prog Brain Res* 39:111-23, 1973
- Antagonism between morphine and the polypeptides ACTH, ACTH1-24 and beta-MSH in the nervous system. Zimmermann E, et al. *Prog Brain Res* 39:383-94, 1973 (31 ref.)
- The effects of *Escherichia coli* endotoxin and ACTH on the plasma zinc concentration in the domestic fowl. Butler EJ, et al. *Res Vet Sci* 15:363-7, Nov 73
- The ACTH-enhanced conversion of 11 β -hydroxyprogesterone to corticosterone in the adrenal glands of fetal rhesus monkeys (*Macaca mulatta*). Kittinger GW. *Steroids* 23:639-50, May 74
- Alterations in plasma aldosterone levels in response to acute stimuli in kidney allograft recipients. McCaa RE, et al. *Surg Forum* 23:75-7, 1972
- Effect of corticosterone and cortisol on corticosteroidogenesis in isolated rat adrenal cells. Abe K, et al. *Tohoku J Exp Med* 112:195-6, Feb 74
- Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al. *Yale J Biol Med* 46:314-23, Oct 73 (43 ref.)
- [Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hannemann HR. *Med Klin* 69:513-24, 29 Mar 74 (136 ref.) (Ger)
- [Studies of the variability of action of pituitary hormones. II. Tetracosactide and STH] De Luca R, et al. *Boll Soc Ital Biol Sper* 49:619-21, 15 Jul 73 (Ita)
- [Changes in the gas-chromatographic pattern of urinary steroids induced with prolonged corticotropin stimulation] Molino G, et al. *Folia Endocrinol (Roma)* 27:272-8, Jun 74 (Eng. Abstr.) (Ita)
- [Effect of 6-methylthiouracil and cholesterol on corticosteroid biosynthesis in the adrenal glands of dogs] Tsiomik VA. *Probl Endokrinol (Mosk)* 20:84-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Function of the genital system and its effect on the pituitary-adrenal complex in male white rats in groups and in isolation] Naumova EV, et al. *Zh Obshch Biol* 35:440-7, May-Jun 74 (Eng. Abstr.) (Rus)
- [Kinetics of the initial response of plasma corticoids to corticotropin administration] Oriol Bosch A, et al. *Rev Iber Endocrinol* 21:209-15, May 74 (Eng. Abstr.) (Spa)
- [The concentration of soluble proteins and the degree of ionization of their side groups in several regions of the brains of rabbits following administration of hydrocortisone and ACTH] Miestlechkina A Ia, et al. *Ukr Biokhim Zh* 46:145-51, Mar-Apr 74 (Ukr)
- [Importance of the adrenal glands in regulating iron metabolism in the animal organism] Voroshilovskaya SP. *Ukr Biokhim Zh* 45:342-6, May-Jun 73 (Eng. Abstr.) (Ukr)
- [Influence of high altitude adaptation on the metabolic response following administration of adrenocorticotrophic hormone and after hypoxia load in the altitude of 8000 m above sea level] Baláz V, et al. *Fysiatr Reumatol Vestn* 52:157-64, Jun 74 (Slo)

PHYSIOLOGY

- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al. *Am J Obstet Gynecol* 119:283-96, 1 Jun 74
- Effects of morphine and related drugs on the

- corticotrophin (ACTH)-stress reaction. Munson PL. *Prog Brain Res* 39:361-72, 1973 (33 ref.)
- Steroid feedback mechanisms in pituitary-adrenal function. Smelik PG, et al. *Prog Brain Res* 39:99-109, 1973
- The effects of *Escherichia coli* endotoxin and ACTH on the plasma zinc concentration in the domestic fowl. Butler EJ, et al. *Res Vet Sci* 15:363-7, Nov 73
- [Influence of ACTH and cortisol on gonadal function] Demisch K, et al. *Verh Dtsch Ges Inn Med* 79:1252-5, 1973 (Ger)
- [The role of ACTH in the regulation of cholesterol metabolism in the adrenal cortex] Malendowicz LK, et al. *Endokrynol Pol* 25:61-81, Mar-Apr 74 (Pol)
- [Structure and properties of hypophyseal hormones. I. Peptide hormones of the pituitary gland] Pankov IuA. *Probl Endokrinol (Mosk)* 20:106-14, Mar-Apr 74 (Rus)

SECRETION

- Pituitary 45 Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al. *Am J Physiol* 226:1315-20, Jun 74
- Pituitary tumours. Mason AS. *Can J Surg* 17:142-6, May 74
- Effect of "medical" and surgical adrenalectomy on the ventral prostate and other accessory sex glands of the male rat. Mobbs BG, et al. *Can J Surg* 17:162-6, May 74
- The cell-types in the adenohypophysis of the Indian catfish *Heteropneustes fossilis* (Bloch). Baker BI, et al. *Cell Tissue Res* 148:347-58, 30 Apr 74
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Ectopic hormone production by non-endocrine tumours. Rees LH, et al. *Clin Endocrinol (Oxf)* 3:263-99, Jul 74 (94 ref.)
- Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al. *Clin Endocrinol (Oxf)* 3:175-86, Apr 74
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Vetter H, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Plasma MSH and cortisol levels in 567 patients with special reference to brain trauma. Kastin AJ, et al. *Endocrinol Exp (Bratisl)* 8:97-105, Jun 74
- Diminishing corticotrope capacity to release ACTH during sustained stimulation: the twenty-four hours after bilateral adrenalectomy in the rat. Dallman MF, et al. *Endocrinology* 95:65-73, Jul 74
- Secretion of ACTH by isolated anterior pituitary cells: kinetics of stimulation of corticotropin-releasing factor and of inhibition by corticosterone. Sayers G, et al. *Endocrinology* 94:1723-30, Jun 74
- GH and ACTH secretion in insulin-induced hypoglycemia in normal children. Cacciari E, et al. *Folia Endocrinol (Roma)* 27:247-58, Jun 74
- Evidence for PAS positive reaction of the corticotroph granules of the rat adenohypophysis. Bowie EP, et al. *Histochemie* 38:281-4, 6 Mar 74
- The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al. *Horm Res* 5:173-81, 1974
- Tumour-associated hormonal products. Landon J, et al. *J Clin Pathol [Suppl]* 7:127-34, 1974 (58 ref.)
- Proceedings: Corticosterone in the control of corticotrophin secretion in the rat. Buckingham J, et al. *J Endocrinol* 61:xxvixxvii, Apr 74
- Proceedings: Pituitary-adrenocortical function in the reserpine-treated rat. Hodges JR, et al. *J Endocrinol* 61:xxvi, Apr 74
- Proceedings: Influence of morphine on ACTH secretion in the rat. Morita Y, et al. *Jap J Pharmacol* 24:Suppl:126, 1974
- Proceedings: Corticosteroid feedback at the pituitary level. Brush FR, et al. *N Engl J Med* 291:lxvixv, 11 Jun 74
- Effects of acute and chronic administration of narcotic analgesics on growth hormone and corticotrophin (ACTH) secretion in rats. Kokka N, et al. *Prog Brain Res* 39:347-60, 1973
- [Relationship between the secretion of ACTH, GH and cortisol during insulin hypoglycemia test in the normal and obese child] Cacciari E, et al. *Minerva Pediatr* 26:401-8, 10 Mar 74 (Eng. Abstr.) (Ita)
- [Senescence and hormones] Ibayashi H, et al. *Jap J Clin Med* 32:20-9, Jan 74 (40 ref.) (Jap)

THERAPEUTIC USE

- Clinical trial design in studies of corticosteroids for bacterial infections. Weitzman S, et al.
Ann Intern Med 81:36-42, Jul 74 (49 ref.)
- Autonomous breathing. Report of a case. Davis JN.
Arch Neurol 30:480-3, Jun 74
- The Guillain-Barré syndrome. A clinical and electrodiagnostic study of 25 cases. Eisen A, et al.
Arch Neurol 30:438-43, Jun 74
- The retina and optic nerve. Tasman W.
Arch Ophthalmol 92:71-88, Jul 74 (181 ref.)
- Idiopathic hypoglycemia in infancy. Surgical management. Fonkalsrud EW, et al.
Arch Surg 108:801-4, Jun 74
- Medical management of the patient with arthritis. Brandt KD. Clin Orthop 101:13-27, Jun 74 (42 ref.)
- Benefit from adrenocorticotrophin in myasthenia gravis. Liversedge LA, et al.
J Neurol Neurosurg Psychiatry 37:412-5, Apr 74
- The medical and surgical treatment of nasal polyps. Myers D, et al. Laryngoscope 84:833-47, May 74
- Paroxysmal signs and symptoms in multiple sclerosis. Miley CE, et al. Neurology (Minneapolis) 24:458-61, May 74
- A prospective controlled study of neonatal hypoglycemia. Pildes RS, et al.
Pediatrics 54:5-14, Jul 74
- ACTH therapy in some nonhypsarrhythmic forms of epilepsy. Tudor I, et al.
Rev Roum Neurol Psychiatr 11:47-56, 1974
- [Prognosis of the idiopathic nephrotic syndrome in children] Hooft C, et al.
Verh K Vlaam Acad Geneesk Belg 36:74-105, 1974 (33 ref.) (Eng. Abstr.) (Dut)
- [Synacthen-depot in dermatology (author's transl)] Dubois-Ferrière G, et al.
Dermatologica 148:65-71, 1974 (Eng. Abstr.) (Fre)
- [Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hannemann HR.
Med Klin 69:513-24, 29 Mar 74 (136 ref.) (Ger)
- [Effect of clonazepam in the long-term oral treatment of severe epilepsy in children] Dumermuth G, et al.
Schweiz Med Wochenschr 104:608-17, 27 Apr 74 (Eng. Abstr.) (Ger)
- [Combined corticosteroid and synthetic depot ACTH therapy in chronic obstructive ventilation disorders] Cegla UH, et al.
Verh Dtsch Ges Inn Med 79:891-4, 1973 (Ger)
- [Clinical picture of rheumatic diseases. Experiences with interval corticoid therapy] Wittenborg A, et al.
Verh Dtsch Ges Rheumatol 3:268-9, 1974 (Ger)
- [Reiter's disease] Diem E, et al.
Z Hautkr 49:157-63, 15 Feb 74 (Ger)
- [Effects of corticosteroids on experimental epileptogenic foci] Domžal T, et al.
Neurol Neurochir Pol 8:397-401, May-Jun 74 (Eng. Abstr.) (Pol)
- [Juvenile fibromas] Pańnikowski T, et al.
Otolaryngol Pol 28:245-9, 1974 (Pol)
- [Experience in using a zinc-corticotropin suspension in the therapy of certain dermatoses] Borisenko KK, et al.
Vestn Dermatol Venerol 48:78-80, May 74 (Rus)

FSH

- Chemical and biological properties of the subunits of pregnant mare serum gonadotropin. Papkoff H.
Biochem Biophys Res Commun 58:397-404, 20 May 74
- Proceedings: the production of antisera of high specificity to follicle stimulating hormone. Butt WR, et al. N Engl J Med 291:xlii, 11 Jun 74
- Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. Dilberto EJ Jr, et al. Proc Natl Acad Sci USA 71:1701-4, May 74

ADMINISTRATION & DOSAGE

- Effects of follicle stimulating hormone and luteinizing hormone on plasma testosterone levels in hypophysectomized and in intact immature and adult male rats. el-Safoury S, et al.
N Engl J Med 291:193-8, 11 Jun 74

ANALYSIS

- Effects of electrical stimulation of the brain on gonadotropin secretion in male rats. Kawakami M, et al. Endocrinol Jap 20:447-54, Oct 73
- Cross-reactivity of monkey pituitary extracts in human

- radioimmunoassays. Hummel BC, et al.
Gen Comp Endocrinol 23:143-53, Jun 74
- Isolation and characterization of subunits from equine pituitary follicle-stimulating hormone. Landefeld TD, et al. J Biol Chem 249:3527-31, 10 Jun 74
- Human follicle stimulating hormone: first proposal for the amino acid sequence of the hormone-specific, beta subunit (hFSH β). Shome B, et al.
J Clin Endocrinol Metab 39:203-5, Jul 74
- Human follicle stimulating hormone (hFSH): first proposal for the amino acid sequence of the alpha-subunit (hFSH α) and first demonstration of its identity with the alpha-subunit of human luteinizing hormone (hLH α). Shome B, et al.
J Clin Endocrinol Metab 39:199-202, Jul 74
- Modifications in ovarian and pituitary function in the hysterectomized pregnant hamster. Greenwald GS.
J Endocrinol 61:45-51, Apr 74
- Radioimmunoassay determinations of gonadotropic hormone content in different regions of male and female rat adenohypophyses. Schafer SJ, et al.
Proc Soc Exp Biol Med 146:546-8, Jun 74
- [Biological determination of FSH in menogonadyl] Chojacka H, et al.
Acta Pol Pharm 31:87-90, 1974 (Eng. Abstr.) (Pol)

ANTAGONISTS & INHIBITORS

- Long-term treatment of galactorrhoea and hypogonadism with bromocriptine. Thorner MO, et al.
Br Med J 2:419-22, 25 May 74
- Analogues of the luteinizing hormone-releasing hormone to study conformational aspects of the aromatic amino acid moieties and inhibition. Humphries J, et al.
J Med Chem 17:569-71, Jun 74

BLOOD

- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. Acta Endocrinol (Kbh) 75:209-20, Feb 74
- Homologous radioimmunoassay of thyrotrophin in rat plasma. Kleffer JD, et al.
Acta Endocrinol (Kbh) 76:495-505, Jul 74
- The effect of thyrotrophin releasing hormone on the release of thyrotrophin and other pituitary hormones in man under basal conditions and following adrenergic blocking agents. Nilsson KO, et al.
Acta Endocrinol (Kbh) 76:24-34, May 74
- Down's syndrome. Study of carbohydrate metabolism. Raiti S, et al. Acta Endocrinol (Kbh) 76:506-12, Jul 74
- Control of pituitary FSH in male rats. Steinberger E, et al. Acta Endocrinol (Kbh) 76:235-41, Jun 74
- Endocrine laboratory assays in obstetrics and gynecology. Boots LR, et al.
Ala J Med Sci 10:445-52, Oct 73
- An integrated direct functional test of the adenohypophysis. Rakoff J, et al.
Am J Obstet Gynecol 119:358-68, 1 Jun 74
- Some analogues of luteinizing hormone releasing hormone (LH-RH) having intense ovulation-inducing activity. Fujino M, et al.
Biochem Biophys Res Commun 57:1248-56, 23 Apr 74
- Long-term treatment of galactorrhoea and hypogonadism with bromocriptine. Thorner MO, et al.
Br Med J 2:419-22, 25 May 74
- The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al.
Clin Endocrinol (Oxf) 3:27-39, Jan 74
- Classification of amenorrhoeic states and their treatment by ovulation induction. Lunenfeld B, et al.
Clin Endocrinol (Oxf) 3:223-37, Apr 74
- Circulating levels of prolactin during the menstrual cycle. McNeilly AS, et al.
Clin Endocrinol (Oxf) 3:105-12, Apr 74
- Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Mortimer CH, et al.
Clin Endocrinol (Oxf) 3:19-25, Jan 74
- The TSH, FSH and prolactin responses to continuous infusions of TRH and the effects of oestrogen administration in normal males. Mortimer CH, et al.
Clin Endocrinol (Oxf) 3:97-103, Apr 74
- Cutis verticis gyrata and the Lennox syndrome. Paulson GW. Dev Med Child Neurol 16:196-200, Apr 74
- Age and sex differences in averaged evoked responses in a normal population, with observations on patients with gonadal dysgenesis. Buchsbaum MS, et al.

- Electroencephalogr Clin Neurophysiol 37:137-44, Aug 74
- Effects of electrical stimulation of the brain on gonadotropin secretion in male rats. Kawakami M, et al. *Endocrinol Jap* 20:447-54, Oct 73
- Blockade of the preovulatory surge of LH and FSH and of ovulation by anti-LH-RH serum in rats. Arimura A, et al. *Endocrinology* 95:323-5, Jul 74
- Circulating LH and FSH levels and testicular function in hamsters during light deprivation and subsequent photoperiodic stimulation. Berndtson WE, et al. *Endocrinology* 95:195-205, Jul 74
- Gonad-pituitary feedback involves qualitative change: androgens alter the type of FSH secreted by the rat pituitary. Bogdanove EM, et al. *Endocrinology* 95:219-28, Jul 74
- Circulating concentrations of FSH, LH, estradiol, and progesterone associated with acute, male-induced puberty in female mice. Bronson FH, et al. *Endocrinology* 94:1658-68, Jun 74
- Plasma concentration of LH, FSH, prolactin, progesterone and estradiol-17 β throughout the 4-day estrous cycle of the rat. Butcher RL, et al. *Endocrinology* 94:1704-8, Jun 74
- Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al. *Endocrinology* 94:1519-24, Jun 74
- Maturation of the negative feedback control of gonadotropin secretion in the female rat. Eldridge JC, et al. *Endocrinology* 94:1536-40, Jun 74
- Temporal aspects of the regulation of corpus luteum function by luteinizing hormone, prolactin and placental luteotrophin during the first half of pregnancy in the rat. Morishige WK, et al. *Endocrinology* 95:260-74, Jul 74
- Effect of hemiovariectomy and strain of rat on serum gonadotropin levels. Howland BE, et al. *Experientia* 30:653-4, 15 Jun 74
- Effect of L-dopa on plasma GH, LH, FSH and 11-OH-CS in normal adult subjects. Delitala G, et al. *Folia Endocrinol (Roma)* 27:279-89, Jun 74
- Serum and pituitary gonadotropin levels in alloxan-diabetic rats. Howland BE, et al. *Horm Metab Res* 6:121-4, Mar 74
- Serum levels of pituitary gonadotropins in eugonadal men and those with gonadal dysfunction. Rastogi GK, et al. *J Assoc Physicians India* 21:639-42, Aug 73
- Radioimmunoassay of pituitary gonadotropins: serum levels in normal women and those with gonadal dysfunction. Rastogi GK, et al. *J Assoc Physicians India* 21:643-9, Aug 73
- A long-acting polymer-coupled LRF analog. Amoss MS Jr, et al. *J Clin Endocrinol Metab* 39:187-90, Jul 74
- Unconjugated estrone, estradiol and FSH and LH in prepubertal and pubertal males and females. Anguisingha K, et al. *J Clin Endocrinol Metab* 39:63-8, Jul 74
- Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al. *J Clin Endocrinol Metab* 38:1083-9, Jun 74
- Study on the recovery of pituitary function during puerperium using synthetic LRH. Canales ES, et al. *J Clin Endocrinol Metab* 38:1140-2, Jun 74
- Clinical and hormonal response to bromocriptin (CB-154) in the galactorrhea syndromes. Del Pozo E, et al. *J Clin Endocrinol Metab* 39:18-26, Jul 74
- Unaltered plasma GH levels in acromegals and normal men and women after administration of (Pyro)Glu-Ser-Gly-NH₂, a proposed GH-releasing hormone. Gonzalez-Barcena D, et al. *J Clin Endocrinol Metab* 38:1134-6, Jun 74
- The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al. *J Clin Endocrinol Metab* 39:81-95, Jul 74
- Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism. Job JC, et al. *J Clin Endocrinol Metab* 38:1109-14, Jun 74
- Fluctuations of gonadotropin levels in children. Johanson A. *J Clin Endocrinol Metab* 39:154-9, Jul 74
- Gonadotropin response to luteinizing hormone-releasing hormone in men with germinal aplasia. Mecklenburg RS, et al. *J Clin Endocrinol Metab* 38:1005-8, Jun 74
- Further studies on Leydig cell function in old age. Rubens R, et al. *J Clin Endocrinol Metab* 39:40-5, Jul 74
- Serum FSH rise induced by CB-154 (2-Br-alpha-ergocryptine) in postpartum women. Seki K, et al. *J Clin Endocrinol Metab* 39:184-6, Jul 74
- Measurement of serum LH, FSH, estradiol and progesterone in disorders of the human menstrual cycle: the inadequate luteal phase. Sherman BM, et al. *J Clin Endocrinol Metab* 39:145-9, Jul 74
- Disparity in the negative gonadal feedback control for LH and FSH secretion in cases of germinal aplasia or Sertoli-cell-only syndrome. Zárate A, et al. *J Clin Endocrinol Metab* 38:1125-7, Jun 74
- Effects of exogenous estrogen and progesterin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74
- Proceedings: Effect of synthetic corticotrophin analogues on plasma delta4-androstenedione, testosterone and gonadotrophins in normal men. Irvine WJ, et al. *J Endocrinol* 61:27-8, Apr 74
- Proceedings: Effect of intravenous infusion of oestradiol-17 β , with and without prior progesterone treatment, on the plasma luteinizing hormone and follicle-stimulating hormone concentrations in anoestrous ewes. Pant HC, et al. *J Endocrinol* 61:vvi, Apr 74
- The demonstration that PGF₂ α is the uterine luteolysin in the ewe. Goding JR. *J Reprod Fertil* 38:261-71, Jun 74 (54 ref.)
- Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al. *J Reprod Fertil [Suppl]* 20:119-36, Dec 73 (64 ref.)
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
- The testis in Cushing's syndrome. Gabrilove JL, et al. *J Urol* 112:95-9, Jul 74
- Serum gonadotropins in hypothyroid girls with and without sexual precocity. Lee PA, et al. *Johns Hopkins Med J* 135:55-60, Jul 74
- Proceedings: Effect of active immunization against oestradiol-6-bovine serum albumin on circulating levels of oestradiol, testosterone, luteinizing hormone, follicle-stimulating hormone, prolactin and anti-oestradiol titre in the male rat. Hillier SG, et al. *N Engl J Med* 291:1111, 11 Jun 74
- Proceedings: Plasma follicle-stimulating hormone and luteinizing hormone in subfertile men. Hunter WM, et al. *N Engl J Med* 291:1xxx, 11 Jun 74
- Short-term variation in blood levels of prolactin, luteinizing hormone and follicle-stimulating hormone in normal men throughout the day. McNeilly AS, et al. *N Engl J Med* 291:301-2, 11 Jun 74
- Etiology and treatment of dysfunctional uterine bleeding. Aksel S, et al. *Obstet Gynecol* 44:1-13, Jul 74
- The ovulatory cycle. A histologic, thermal, steroid, and gonadotropin correlation. Lundy LE, et al. *Obstet Gynecol* 44:14-25, Jul 74
- Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al. *Obstet Gynecol* 44:42-6, Jul 74
- In vivo comparison of LH-RH and FSH-RH activities of (DES-GLY10) (PRO9-ethylamide)-LH-RH, (DES-GLY10)(PRO9-propylamide)-LH-RH, and LH-RH using immature male rats. Arimura A, et al. *Proc Soc Exp Biol Med* 146:17-20, May 74
- Inhibitory and facilitatory effects of estradiol 17 β on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. Cooper KJ, et al. *Proc Soc Exp Biol Med* 145:1422-6, Apr 74
- Control of the estrous cycle with prostaglandins. Downey BR. *Vet Med Small Anim Clin* 69:880 passimassim, Jul 74 (49 ref.)
- Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al. *Yale J Biol Med* 46:314-23, Oct 73 (43 ref.)
- [Measurement of plasma FSH and LH in sterile women treated with human gonadotropins] Boite E, et al. *Union Med Can* 103:653-6, Apr 74 (Eng. Abstr.) (Fre)
- [Clinical evaluation of the stimulation test using synthetic LH-RH] Olivier GC, et al. *Union Med Can* 103:685-90, Apr 74 (Eng. Abstr.) (Fre)
- [Indications for special endocrinologic diagnosis in gynecology] Breckwoldt M, et al. *Fortschr Med* 92:727-31, 13 Jun 74 (Ger)
- [Growth hormone, gonadotropins and cortisol in the plasma of males under combined application of the insulin-hypoglycaemia-LH-RH test (author's transl)]

Wiegmann W, et al.
Klin Wochenschr 52:194-6, 15 Feb 74 (Eng. Abstr.) (Ger)

[Blood LH and FSH before and after intravenous synthetic LH releasing hormone administration in patients with primary hypogonadism] Wagner H, et al.
Verh Dtsch Ges Inn Med 79:1238-42, 1973 (Ger)
 [Effect of glucocorticoids and the level of ACTH, TSH, LH and FSH in the human serum] Wagner H, et al.
Verh Dtsch Ges Rheumatol 3:271-6, 1974 (Eng. Abstr.) (Ger)

[Endocrinological differentiation of male hypogonadism by radioimmunoassay of serum FSH, LH and testosterone levels (author's transl)] Lunglmayr G, et al.

Wien Klin Wochenschr 86:305-10, 31 May 74 (Eng. Abstr.) (Ger)

[The pituitary-gonadal axis in the normal male; radioimmunoassay of hormones (author's transl)] Spona J, et al.

Wien Klin Wochenschr 86:311-5, 31 May 74 (Eng. Abstr.) (Ger)

[Current possibilities of neuro-endocrine semelogy in anorexia nervosa. Report of a clinical case] Rolandi E, et al.

Arch E Maragliano Patol Clin 29:109-15, Jan 73 (Eng. Abstr.) (Ita)

[Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al.

Folia Endocrinol (Roma) 27:303-27, Jun 74 (Eng. Abstr.) (Ita)

[Induction of ovulation] Andreoli C.
Minerva Ginecol 26:147-58, Mar 74 (Ita)

ISOLATION & PURIFICATION

Isolation and characterization of subunits from equine pituitary follicle-stimulating hormone. Landefeld TD, et al. *J Biol Chem* 249:3527-31, 10 Jun 74

Specific, homologous radioimmunoassay (RIA) of highly purified subunits of human pituitary follicle stimulating hormone (hFSH). Parlow AF, et al.
J Clin Endocrinol Metab 39:195-8, Jul 74

METABOLISM

Control of pituitary FSH in male rats. Steinberger E, et al. *Acta Endocrinol (Kbh)* 76:235-41, Jun 74

An integrated direct functional test of the adenohipophysis. Rakoff J, et al.
Am J Obstet Gynecol 119:358-68, 1 Jun 74

A comparison of the properties of FSH from several species as determined by a rat testis tubule receptor assay. Reichert LE Jr, et al.

Gen Comp Endocrinol 23:111-7, May 74

Testicular volume during adolescence. Cross-sectional and longitudinal studies. Zachmann M, et al.
Helv Paediatr Acta 29:61-72, Apr 74

Serum and pituitary gonadotropin levels in alloxan-diabetic rats. Howland BE, et al.
Horm Metab Res 6:121-4, Mar 74

Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al. *Int J Cancer* 12:100-14, 15 Jul 73

Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)

The gonadotrophins and their releasing factors. Greep RO. *J Reprod Fertil [Suppl]* 20:1-9, Dec 73 (25 ref.)

Radioimmunoassay determinations of gonadotropic hormone content in different regions of male and female rat adenohipophyses. Schafer SJ, et al.

Proc Soc Exp Biol Med 146:546-8, Jun 74

[Hypothalamo-hipophyseal system in the control of gonadic function] Martini L.
Minerva Ginecol 26:62-4, Feb 74 (Ita)

PHARMACODYNAMICS

A new in vitro method for assay of the biological activity of growth hormone. Saxena RK, et al.
Acta Endocrinol (Kbh) 76:248-59, Jun 74

Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al.

Acta Endocrinol (Kbh) 76:392-402, Jun 74

Failure of adrenalectomy to influence the acute effect of FSH on ovarian metabolism. Nilsson L.

Acta Physiol Scand 91:139-41, May 74

Effect of human menopausal gonadotrophin on amino

acid transport in the prepubertal rat ovary. Selstam G, et al. *Acta Physiol Scand* 90:798-800, Apr 74

Inhibition by corpora atretica of ovarian sensitivity to environmental and hormonal stimulation in the lizard, *Anolis carolinensis*. Crews D, et al.

Endocrinology 95:102-6, Jul 74

Isolation and characterization of subunits from equine pituitary follicle-stimulating hormone. Landefeld TD, et al. *J Biol Chem* 249:3527-31, 10 Jun 74

Proceedings: Some histochemical changes in immature mouse ovaries after gonadotrophin treatment. Kent J. *J Endocrinol* 61:xxix-xxii, Apr 74

Proceedings: Synergistic action of follicle-stimulating hormone and luteinizing hormone on oestrogen production by mouse ovaries in culture. Ryle M, et al.

J Endocrinol 61:23, Apr 74

Effects of follicle stimulating hormone and luteinizing hormone on plasma testosterone levels in hypophysectomized and in intact immature and adult male rats. el-Safoury S, et al.

N Engl J Med 291:193-8, 11 Jun 74

The ovulatory surge of gonadotropin and sexual receptivity in the female golden hamster. Goldman BD, et al. *Physiol Behav* 12:991-5, Jun 74

[Biological determination of FSH in menogonadyl] Chojacka H, et al.

Acta Pol Pharm 31:87-90, 1974 (Eng. Abstr.) (Pol)

PHYSIOLOGY

Normal and abnormal sexual maturation. Bryan GT. *Am Fam Physician* 9:123-35, Jun 74

Luteotrophic factors in the sheep. Denamur R. *J Reprod Fertil* 38:251-9, Jun 74 (65 ref.)

The gonadotrophins and their releasing factors. Greep RO. *J Reprod Fertil [Suppl]* 20:1-9, Dec 73 (25 ref.)

SECRETION

Synthesis and biological properties of (D-Ala-6, des-Gly-NH₂-10)-LH-RH ethylamide, a peptide with greatly enhanced LH- and FSH-releasing activity. Coy DH, et al.

Biochem Biophys Res Commun 57:335-40, 25 Mar 74

Acidic analogs of the luteinizing hormone-releasing hormone and conformational aspects for activity. Humphries J, et al.

Biochem Biophys Res Commun 57:675-82, 8 Apr 74

The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al.

Clin Endocrinol (Oxf) 3:27-39, Jan 74

Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Mortimer CH, et al.

Clin Endocrinol (Oxf) 3:19-25, Jan 74

Pituitary-ovarian interrelationships in the rat. Neill JD, et al. *Curr Top Exp Endocrinol* 2:73-106, 1974

Gonad-pituitary feedback involves qualitative change: androgens alter the type of FSH secreted by the rat pituitary. Bogdanove EM, et al.

Endocrinology 95:219-28, Jul 74

Diminishing corticotrope capacity to release ACTH during sustained stimulation: the twenty-four hours after bilateral adrenalectomy in the rat. Dallman MF, et al. *Endocrinology* 95:65-73, Jul 74

Modulation of pituitary responsiveness to LRF by estrogen. Yen SS, et al.

J Clin Endocrinol Metab 39:170-7, Jul 74

Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al.

J Clin Invest 53:1750-4, Jun 74

Tumour-associated hormonal products. Landon J, et al. *J Clin Pathol [Suppl]* 7:127-34, 1974 (58 ref.)

Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al.

J Reprod Fertil [Suppl] 20:43-59, Dec 73 (32 ref.)

Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al.

J Reprod Fertil [Suppl] 20:119-36, Dec 73 (64 ref.)

Inhibitory and facilitatory effects of estradiol 17beta on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. Cooper KJ, et al.

Proc Soc Exp Biol Med 145:1422-6, Apr 74

Input to releasing factor cells. Cramer OM, et al. *Prog Brain Res* 39:73-85, 1973

The role of brain monoamines and pineal indoles in the secretion of gonadotrophins and gonadotrophin-releasing factors. Kamberi IA. *Prog Brain Res* 39:261-80, 1973

[Significance of prolactin in man] Kumamoto E, et al. *Clin Endocrinol (Tokyo)* 22:361-7, Mar 74 (36 ref.) (Jap)

[Senescence and hormones] Ibayashi H, et al. *Jap J Clin Med* 32:20-9, Jan 74 (40 ref.) (Jap)

THERAPEUTIC USE

Editorial. Behrman SJ. *Fertil Steril* 25:521, Jun 74

URINE

Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al. *Acta Endocrinol (Kbh)* 76:214-34, Jun 74

Effects of norethisterone on pituitary and ovarian function. Collins WP, et al. *Acta Endocrinol (Kbh)* 75:357-67, Feb 74

Pituitary tumours. Mason AS. *Can J Surg* 17:142-6, May 74

Clomiphene citrate stimulation in male sub- and infertility monitored by simple immunochemical assays for FSH and LH in unconcentrated urine. Mauss J, et al. *Horm Metab Res* 6:171-2, Mar 74

Effect of cyproterone acetate on steroid levels and hirsutism in two female patients in a long-term study. Irvine WJ, et al. *J Endocrinol* 61:32-3, Apr 74

Familial Reifenshtein syndrome. Pencea V, et al. *J Genet Hum* 21:279-86, Dec 73

[Hypogonadism in Werner's syndrome] Török L, et al. *Z Hautkr* 49:179-81, 1 Mar 74 (Ger)

[The pituitary and testicular response to clomiphene during hepatic cirrhosis] Rolandi E, et al. *Folia Endocrinol (Roma)* 27:290-302, Jun 74 (Eng. Abstr.) (Ita)

[Radioimmunologic determination of pituitary gonadotropins in a 4 and one-half months old patient with Turner's syndrome] Colombo ML, et al. *Minerva Pediatr* 26:293-6, 25 Feb 74 (Ita)

GONADOTROPINS

[Teratologic aspects of early abortion and its possible prevention] Dráč P. *Acta Univ Carol [Med Monogr] (Praha)* 58:59-61, 1973 (Ger)

ANALYSIS

Growth retardation in the Lesch-Nyhan syndrome. Skyler JS, et al. *Acta Endocrinol (Kbh)* 75:3-10, Jan 74

[Examination of meat of fattening calves on the presence of compounds with uterotrophic action (author's transl)] Ruitenberg EJ, et al. *Tijdschr Diergeneeskd* 97:351-5, 15 Mar 72 (Eng. Abstr.) (Dut)

ANTAGONISTS & INHIBITORS

Effect of gonadotropins on the reduced excretion of a gonadotropin-inhibiting substance in the hypophysectomized rats. Ota M, et al. *Endocrinol Jap* 20:497-504, Oct 73

The biological profile of a new synthetic progestagen--GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74

BLOOD

Serum and pituitary gonadotropin levels in alloxan-diabetic rats. Howland BE, et al. *Horm Metab Res* 6:121-4, Mar 74

Letter: Anencephaly, spina bifida, dizygotic twinning, and hormones. James WH. *Lancet* 1:1007, 18 May 74

[Case of precocious pseudopuberty with abnormal hormonal picture] Montaguti A, et al. *Minerva Pediatr* 26:235-40, 18 Feb 74 (Eng. Abstr.) (Ita)

ISOLATION & PURIFICATION

Separation of two distinct gonadotropins from the

pituitary gland of the bullfrog *Rana catesbeiana*. Licht P, et al. *Endocrinology* 94:1587-94, Jun 74

METABOLISM

Septal lesions: effects on lordosis behavior and pattern of gonadotropin release. Nance DM, et al. *Horm Behav* 5:73-81, Mar 74

Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al. *Int J Cancer* 12:100-14, 15 Jul 73

[Immunoenocrinology] Niederer W. *Schweiz Med Wochenschr* 104:841-7, 15 Jun 74 (87 ref.) (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al. *Acta Endocrinol (Kbh)* 76:392-402, Jun 74

In vitro maturation response of oocytes of the catfish *Heteropneustes fossilis* (Bloch) to salmon gonadotropin in ovary-head kidney co-culture. Goswami SV, et al. *Can J Zool* 52:745-8, Jun 74

Classification of amenorrhoeic states and their treatment by ovulation induction. Lunenfeld B, et al. *Clin Endocrinol (Oxf)* 3:223-37, Apr 74

Effect of gonadotropins on the reduced excretion of a gonadotropin-inhibiting substance in the hypophysectomized rats. Ota M, et al. *Endocrinol Jap* 20:497-504, Oct 73

Separation of two distinct gonadotropins from the pituitary gland of the bullfrog *Rana catesbeiana*. Licht P, et al. *Endocrinology* 94:1587-94, Jun 74

Testicular endocrine function in a pubertal boy with 3beta-hydroxysteroid dehydrogenase deficiency. Jänne O, et al. *J Clin Endocrinol Metab* 39:206-9, Jul 74

Further studies on the antitesticular activity of a pipercolinomethylhydroxyindane. Boris A, et al. *J Reprod Fertil* 38:395-400, Jun 74

The serum ferroxidase activity and the iron mobilization by estrogens. Planas J. *Rev Esp Fisiol* 29:293-9, Dec 73

SECRETION

Effects of electrical stimulation of the brain on gonadotropin secretion in male rats. Kawakami M, et al. *Endocrinol Jap* 20:447-54, Oct 73

Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.) (Ger)

Role of indoleamines and catecholamines in the control of gonadotrophin and growth hormone secretion. Collu R, et al. *Prog Brain Res* 39:289-99, 1973

The role of brain monoamines and pineal indoles in the secretion of gonadotrophins and gonadotrophin-releasing factors. Kamberi IA. *Prog Brain Res* 39:261-80, 1973

Hypothalamic monoamine levels and gonadotrophin secretion following deafferentation of the medial basal hypothalamus. Weiner RI. *Prog Brain Res* 39:165-70, 1973

[Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al. *Dtsch Tierärztl Wochenschr* 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)

[A case of ectopic gonadotropin producing cholangioma (author's transl)] Tanaka T, et al. *J Jap Soc Intern Med* 62:1539-46, Nov 73 (Jap)

[Senescence and hormones] Ibayashi H, et al. *Jap J Clin Med* 32:20-9, Jan 74 (40 ref.) (Jap)

THERAPEUTIC USE

Classification of amenorrhoeic states and their treatment by ovulation induction. Lunenfeld B, et al. *Clin Endocrinol (Oxf)* 3:223-37, Apr 74

Changes in renal water and electrolyte excretion occurring before and after induced ovulation and their relation to total oestrogen and pregnanediol excretion. Parboosingh J, et al. *J Obstet Gynaecol Br Commonw* 81:417-22, Jun 74

[Abnormalities of the menstruation cycle and their treatment] Maneschi M. *Minerva Ginecol* 26:95-123, Feb 74 (Ita)

URINE

- Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al.
Acta Endocrinol (Kbh) 76:214-34, Jun 74
- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. *Acta Endocrinol (Kbh)* 75:209-20, Feb 74
- Successful treatment of galactorrhoea and amenorrhoea and subsequent restoration of ovarian function by a new ergot alkaloid 2-brom-alpha-ergocryptine. Rolland R, et al.
Clin Endocrinol (Oxf) 3:155-66, Apr 74
- Intracranial metastases from unsuspected choriocarcinoma. Onset suggestive of cerebrovascular disease. Shuangshoti S, et al.
Neurology (Minneapolis) 24:649-54, Jul 74
- [Hormone-analytic methods in gynecological endocrinology] Breckwoldt M, et al.
Fortschr Med 92:725-6, 13 Jun 74 (Ger)

GONADOTROPINS, PITUITARY

- Proceedings: Effects of various synthetic fragments of the decapeptide molecule of gonadotrophin releasing factor on the release of luteinizing hormone from ovine pituitary tissue in vitro. Crighton DB, et al.
J Endocrinol 61:xi, Apr 74

ANALYSIS

- Histochemical demonstration of thyrotropic and gonadotropic cells in the pituitary gland of the rat by the use of a lead tetraacetate-sodium bisulphite technique. Kleessen C. *Histochem J* 6:311-8, May 74
- Fluctuation of hypothalamic luteinizing hormone releasing hormone and pituitary gonadotropins in laying and non-laying hens. Harrison PC, et al.
Poult Sci 53:554-9, Mar 74

BIOSYNTHESIS

- A competitive radioligand assay for danazol (17 alpha-pregn-4-en-20-yne(2,3-d)isoxazol-17-ol) using pregnant guinea pig plasma. Creange JE, et al.
Steroids 23:411-20, Mar 74

BLOOD

- Serum levels of pituitary gonadotropins in eugonadal men and those with gonadal dysfunction. Rastogi GK, et al. *J Assoc Physicians India* 21:639-42, Aug 73
- Radioimmunoassay of pituitary gonadotropins: serum levels in normal women and those with gonadal dysfunction. Rastogi GK, et al.
J Assoc Physicians India 21:643-9, Aug 73
- Proceedings: Effect of synthetic corticotrophin analogues on plasma delta4-androstenedione, testosterone and gonadotrophins in normal men. Irvine WJ, et al. *J Endocrinol* 61:27-8, Apr 74
- [Effect of synthetic LH-FSH releasing hormone and hypothalamic extracts of the carp on in vivo gonadotropic hormone secretion in the carp (*Cyprinus carpio* L.)] Breton B, et al.
C R Acad Sci [D] (Paris) 277:2061-4, 12 Nov 73 (Fre)
- [Indications for special endocrinologic diagnosis in gynecology] Breckwoldt M, et al.
Fortschr Med 92:727-31, 13 Jun 74 (Ger)

METABOLISM

- Serum and pituitary gonadotropin levels in alloxan-diabetic rats. Howland BE, et al.
Horm Metab Res 6:121-4, Mar 74
- [Gonadotropin anterior pituitary activity in subjects with mongolism (Langdon-Down syndrome). Preliminary note] Salvadorini F, et al.
Acta Neurol (Napoli) 29:73-6, Jan-Feb 74 (Eng. Abstr.) (Ita)
- [Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al.
Folia Endocrinol (Roma) 27:303-27, Jun 74 (Eng. Abstr.) (Ita)

PHYSIOLOGY

- Pituitary-ovarian interrelationships in the rat. Neill JD, et al. *Curr Top Exp Endocrinol* 2:73-106, 1974
- Editorial. Behrman SJ. *Fertil Steril* 25:521, Jun 74
- Gonadotropins and preantral follicular maturation in

women. Ross GT.

- Fertil Steril* 25:522-43, Jun 74 (85 ref.)
- Evidence that delta5-3beta-hydroxysteroid dehydrogenase activity in rat blastocysts is autonomous. Dickmann Z, et al.
J Endocrinol 61:513-4, Jun 74

SECRETION

- Ectopic hormone production by non-endocrine tumours. Rees LH, et al.
Clin Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)
- Gonadotropins and preantral follicular maturation in women. Ross GT.
Fertil Steril 25:522-43, Jun 74 (85 ref.)
- Effect of exogenous estradiol-17 beta on vitellogenic oocyte growth in ovaries of the toad *Bufo bufo* (L.) during the postspawning period. Jorgensen CB.
Gen Comp Endocrinol 23:164-9, Jun 74
- Proceedings: Hypothalamic sites of action of progesterone in the control of ovulation in the rat. Priedkalns J. *J Anat* 116:466-7, Dec 73
- Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al.
J Reprod Fertil [Suppl] 20:43-59, Dec 73 (32 ref.)
- New findings on the central control of gonadotrophin secretion. Motta M, et al.
J Reprod Fertil [Suppl] 20:27-52, Dec 73 (35 ref.)
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al.
J Reprod Fertil [Suppl] 20:137-61, Dec 73
- Proceedings: Gonadotrophin secretion in endocrine disorders: response to luteinizing hormone-follicle-stimulating hormone releasing hormone. Jequier AM, et al.
N Engl J Med 291:ixi, 11 Jun 74
- Proceedings: The induction of gonadotrophin secretion with repeated subcutaneous injections of luteinizing hormone-follicle-stimulating hormone releasing hormone in men with hypogonadotropic hypogonadism. Mortimer CH, et al.
N Engl J Med 291:ixlixii, 11 Jun 74
- The ovulatory surge of gonadotropin and sexual receptivity in the female golden hamster. Goldman BD, et al. *Physiol Behav* 12:991-5, Jun 74
- Fluctuation of hypothalamic luteinizing hormone releasing hormone and pituitary gonadotropins in laying and non-laying hens. Harrison PC, et al.
Poult Sci 53:554-9, Mar 74
- Release of gonadotropins from the chicken pituitary by synthetic LH-RH-FSH-RH. Tanaka K, et al.
Poult Sci 53:74-7, Jan 74
- Pituitary-adrenal function in adult androgenized female rats. Dunn JD.
Proc Soc Exp Biol Med 146:75-7, May 74
- [Effect of synthetic LH-FSH releasing hormone and hypothalamic extracts of the carp on in vivo gonadotropic hormone secretion in the carp (*Cyprinus carpio* L.)] Breton B, et al.
C R Acad Sci [D] (Paris) 277:2061-4, 12 Nov 73 (Fre)

THERAPEUTIC USE

- [Hormone therapy of breast carcinoma] Brunl B.
G Batteriol Virol Immunol [Clin] 15:36-64, Jan-Aug 72 (Ita)

URINE

- [Radioimmunologic determination of pituitary gonadotropins in a 4 and one-half months old patient with Turner's syndrome] Colombo ML, et al.
Minerva Pediatr 26:293-6, 25 Feb 74 (Ita)
- [Cranio-vertebral boundary anomaly with pituitary gonadotropic insufficiency] Głębowska H, et al.
Endokrynol Pol 25:153-8, Mar-Apr 74 (Eng. Abstr.) (Pol)

LH

- Classic pages in Obstetrics and Gynecology. Interstitial cell stimulating hormone. II. Method of preparation and some physico-chemical studies, by Choh Hao Li, Miriam E. Simpson, and Herbert M. Evans.
Endocrinology, vol. 27, pp. 803-808, 1940. (Li Ch), (Simpson ME), (Evans HM).
- Am J Obstet Gynecol* 17:716, 1 Nov 73
- Chemical and biological properties of the subunits of

- pregnant mare serum gonadotropin. Papkoff H. *Biochem Biophys Res Commun* 58:397-404, 20 May 74
- Ultrastructural immunocytochemical localization of prolactin in rat anterior pituitary by use of the unlabeled antibody enzyme method. Parsons JA, et al. *J Histochem Cytochem* 22:340-51, May 74
- Proceedings: Immunological determinants of luteinizing hormone and human chorionic gonadotrophin: contributions of the sub-units and of the conformation of the native hormone. Jacobs HS, et al. *N Engl J Med* 291:xlii, 11 Jun 74
- Proceedings: An electrolytic procedure for iodination of glycoprotein and protein hormones. Malan PG, et al. *N Engl J Med* 291:xlii, 11 Jun 74
- Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. Diliberto EJ Jr, et al. *Proc Natl Acad Sci USA* 71:1701-4, May 74

ADMINISTRATION & DOSAGE

- Effects of follicle stimulating hormone and luteinizing hormone on plasma testosterone levels in hypophysectomized and in intact immature and adult male rats. el-Safoury S, et al. *N Engl J Med* 291:193-8, 11 Jun 74

ANALYSIS

- Human chorionic gonadotropin, reaction with tetranitromethane. Hum VG, et al. *Biochemistry* 13:2359-64, 21 May 74
- Luteinizing hormone and human chorionic gonadotropin: structure and activity. Jutila M, et al. *Curr Top Exp Endocrinol* 2:195-246, 1974
- Effects of electrical stimulation of the brain on gonadotropin secretion in male rats. Kawakami M, et al. *Endocrinol Jap* 20:447-54, Oct 73
- Luteinizing hormone. I. Circular dichroism and spectrophotometric titration of porcine and bovine hormones and of their alpha and beta subunits. Combarous Y, et al. *Eur J Biochem* 42:7-12, 15 Feb 74
- Cross-reactivity of monkey pituitary extracts in human radioimmunoassays. Hummel BC, et al. *Gen Comp Endocrinol* 23:143-53, Jun 74
- Human follicle stimulating hormone (hFSH): first proposal for the amino acid sequence of the alpha-subunit (hFSHa) and first demonstration of its identity with the alpha-subunit of human luteinizing hormone (hLHa). Shome B, et al. *J Clin Endocrinol Metab* 39:199-202, Jul 74
- A re-examination of the tadpole in metamorphic stasis as a recipient in a bioassay for thyroid-stimulating hormone. Ching M. *J Endocrinol* 61:15-9, Apr 74
- Modifications in ovarian and pituitary function in the hysterectomized pregnant hamster. Greenwald GS. *J Endocrinol* 61:45-51, Apr 74
- Proceedings: Plasma and pituitary hormone levels during early stages of pregnancy in the rat. O'Grady JE, et al. *J Endocrinol* 61:xxvii, Apr 74
- Proceedings: Modifications of the redox bioassay of luteinizing hormones. Kramer RM, et al. *N Engl J Med* 291:ix, 11 Jun 74
- Ectopic production of the isolated alpha subunit of the glycoprotein hormones. A quantitative marker in certain cases of cancer. Rosen SW, et al. *N Engl J Med* 290:1441-7, 27 Jun 74
- Radioimmunoassay determinations of gonadotropic hormone content in different regions of male and female rat adenohypophyses. Schafer SJ, et al. *Proc Soc Exp Biol Med* 146:546-8, Jun 74
- [Pituitary forms of lutein insufficiency in women] Markovski N. *Akush Ginekol (Sofia)* 13:89-106, 1974 (Eng. Abstr.) (Bul)
- [Studies of the variability of action of pituitary hormones. II. Tetracosactide and STH] De Luca R, et al. *Boll Soc Ital Biol Sper* 49:619-21, 15 Jul 73 (Ita)
- [Biological determination of LH in menogonady] Chojacka H, et al. *Acta Pol Pharm* 31:81-5, 1974 (Eng. Abstr.) (Pol)

ANTAGONISTS & INHIBITORS

- Some antigonadotrophic effects of melatonin-free bovine pineal extracts in rats. Orts RJ, et al. *Acta Endocrinol (Kbh)* 76:438-48, Jul 74
- Long-term treatment of galactorrhoea and hypogonadism with bromocriptine. Thorner MO, et al. *Br Med J* 2:419-22, 25 May 74
- Analogues of the luteinizing hormone-releasing hormone

- to study conformational aspects of the aromatic amino acid moieties and inhibition. Humphries J, et al. *J Med Chem* 17:569-71, Jun 74

BLOOD

- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. *Acta Endocrinol (Kbh)* 75:209-20, Feb 74
- Homologous radioimmunoassay of thyrotrophin in rat plasma. Kleffer JD, et al. *Acta Endocrinol (Kbh)* 76:495-505, Jul 74
- The effect of thyrotrophin releasing hormone on the release of thyrotrophin and other pituitary hormones in man under basal conditions and following adrenergic blocking agents. Nilsson KO, et al. *Acta Endocrinol (Kbh)* 76:24-34, May 74
- Some antigonadotrophic effects of melatonin-free bovine pineal extracts in rats. Orts RJ, et al. *Acta Endocrinol (Kbh)* 76:438-48, Jul 74
- Down's syndrome. Study of carbohydrate metabolism. Raiti S, et al. *Acta Endocrinol (Kbh)* 76:506-12, Jul 74
- Endocrine laboratory assays in obstetrics and gynecology. Boots LR, et al. *Ala J Med Sci* 10:445-52, Oct 73
- An integrated direct functional test of the adenohypophysis. Rakoff J, et al. *Am J Obstet Gynecol* 119:358-68, 1 Jun 74
- Plasma prolactin, LH, and corticosterone in rats exposed to a novel environment. Baldwin DM, et al. *Am J Physiol* 226:1366-9, Jun 74
- Measurement of thyroid gland function during the estrous cycle of nine mares. Kelley ST, et al. *Am J Vet Res* 35:657-60, May 74
- Some analogs of luteinizing hormone releasing hormone (LH-RH) having intense ovulation-inducing activity. Fujino M, et al. *Biochem Biophys Res Commun* 57:1248-56, 23 Apr 74
- The effects of phenothiazines on endocrine function: II. Effects in men and post-menopausal women. Beumont PJ, et al. *Br J Psychiatry* 124:420-30, May 74
- The effects of phenothiazines on endocrine function: I. Patients with inappropriate lactation and amenorrhoea. Beumont PJ, et al. *Br J Psychiatry* 124:413-9, May 74
- Long-term treatment of galactorrhoea and hypogonadism with bromocriptine. Thorner MO, et al. *Br Med J* 2:419-22, 25 May 74
- Letter: Hangover and testosterone. Ylikahri R, et al. *Br Med J* 2:445, 25 May 74
- Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al. *Brain Res* 74:279-303, 12 Jul 74
- Sex-hormone-binding globulin. Anderson DC. *Clin Endocrinol (Oxf)* 3:69-96, Jan 74 (145 ref.)
- The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al. *Clin Endocrinol (Oxf)* 3:27-39, Jan 74
- Applications of the redox bioassay for luteinizing hormone. Holdaway IM, et al. *Clin Endocrinol (Oxf)* 3:383-8, Jul 74
- Technical aspects of the redox bioassay for luteinizing hormone. Kramer RM, et al. *Clin Endocrinol (Oxf)* 3:375-81, Jul 74
- Classification of amenorrhoeic states and their treatment by ovulation induction. Lunenfeld B, et al. *Clin Endocrinol (Oxf)* 3:223-37, Apr 74
- Circulating levels of prolactin during the menstrual cycle. McNeilly AS, et al. *Clin Endocrinol (Oxf)* 3:105-12, Apr 74
- Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Mortimer CH, et al. *Clin Endocrinol (Oxf)* 3:19-25, Jan 74
- Cutis verticis gyrata and the Lennox syndrome. Paulson GW. *Dev Med Child Neurol* 16:196-200, Apr 74
- Age and sex differences in averaged evoked responses in a normal population, with observations on patients with gonadal dysgenesis. Buchsbaum MS, et al. *Electroencephalogr Clin Neurophysiol* 37:137-44, Aug 74
- Effects of electrical stimulation of the brain on gonadotropin secretion in male rats. Kawakami M, et al. *Endocrinol Jap* 20:447-54, Oct 73
- Blockade of the preovulatory surge of LH and FSH and

- of ovulation by anti-LH-RH serum in rats. Arimura A, et al. *Endocrinology* 95:323-5, Jul 74
- Transport of LRF from CSF to hypophyseal portal and systemic blood and the release of LH. Ben-Jonathan N, et al. *Endocrinology* 95:18-25, Jul 74
- Circulating LH and FSH levels and testicular function in hamsters during light deprivation and subsequent photoperiodic stimulation. Berndtson WE, et al. *Endocrinology* 95:195-205, Jul 74
- Gonad-pituitary feedback involves qualitative change: androgens alter the type of FSH secreted by the rat pituitary. Bogdanove EM, et al. *Endocrinology* 95:219-28, Jul 74
- Circulating concentrations of FSH, LH, estradiol, and progesterone associated with acute, male-induced puberty in female mice. Bronson FH, et al. *Endocrinology* 94:1658-68, Jun 74
- Plasma concentration of LH, FSH, prolactin, progesterone and estradiol-17 β throughout the 4-day estrous cycle of the rat. Butcher RL, et al. *Endocrinology* 94:1704-8, Jun 74
- Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al. *Endocrinology* 94:1519-24, Jun 74
- Total blockade of phasic pituitary prolactin release in rats: effect on serum LH and progesterone during the estrous cycle and pregnancy. Döhler KD, et al. *Endocrinology* 94:1595-600, Jun 74
- Maturation of the negative feedback control of gonadotropin secretion in the female rat. Eldridge JC, et al. *Endocrinology* 94:1536-40, Jun 74
- Patterns of ovulation-inducing LH release following coitus, electrical stimulation and exogenous LH-RH in the rabbit. Kanematsu S, et al. *Endocrinology* 95:247-52, Jul 74
- Temporal aspects of the regulation of corpus luteum function by luteinizing hormone, prolactin and placental luteotrophin during the first half of pregnancy in the rat. Morishige WK, et al. *Endocrinology* 95:260-74, Jul 74
- Effect of blockade of dopaminergic receptors on prolactin and LH release: median eminence and pituitary sites of action. Ojeda SR, et al. *Endocrinology* 94:1560-7, Jun 74
- Factors affecting the dependency of LH in the regulation of corpus luteum progesterone secretion in the rat. Rothchild I, et al. *Endocrinology* 95:280-8, Jul 74
- Prostaglandins A1 and A2 decrease testosterone levels in mice and rats. Saksena SK, et al. *Endocrinology* 95:311-4, Jul 74
- In vitro inhibition of LH release by a synthetic antagonist of LH-releasing hormone (LH-RH). Vilchez-Martinez JA, et al. *Endocrinology* 95:213-8, Jul 74
- Effect of hemiovariectomy and strain of rat on serum gonadotropin levels. Howland BE, et al. *Experientia* 30:653-4, 15 Jun 74
- Effect of L-dopa on plasma HGH, LH, FSH and 11-OH-CS in normal adult subjects. Dellala G, et al. *Folia Endocrinol (Roma)* 27:279-89, Jun 74
- Increased sensitivity and partial refractoriness of the human pituitary to repeated synthetic LH-RH stimulations. Serra GB, et al. *Folia Endocrinol (Roma)* 27:158-67, Apr 74
- Plasma and pituitary luteinizing hormone in intact and castrated tree sparrows (*Spizella arborea*) during a photoinduced gonadal cycle. Wilson FE, et al. *Gen Comp Endocrinol* 23:82-93, May 74
- Influence of age on the pituitary response of male lambs to synthetic lh-rh injection. Galloway DG, et al. *Horm Metab Res* 6:240-1, May 74
- Serum and pituitary gonadotropin levels in alloxan-diabetic rats. Howland BE, et al. *Horm Metab Res* 6:121-4, Mar 74
- Pattern of luteinizing hormone release in progestin-treated ewes. Lewis PE, et al. *J Anim Sci* 38:1204-9, Jun 74
- Luteinizing hormone release and ovulation in anestrus ewes. Lewis PE, et al. *J Anim Sci* 38:1197-203, Jun 74
- Spontaneous patterns of LH release in castrate male sheep and the effects of exogenous estradiol. Riggs BL, et al. *J Anim Sci* 38:1239-44, Jun 74
- Serum levels of pituitary gonadotropins in eugonadal men and those with gonadal dysfunction. Rastogi GK, et al. *J Assoc Physicians India* 21:639-42, Aug 73
- Radioimmunoassay of pituitary gonadotropins: serum levels in normal women and those with gonadal dysfunction. Rastogi GK, et al. *J Assoc Physicians India* 21:643-9, Aug 73
- Unconjugated estrone, estradiol and FSH and LH in prepubertal and pubertal males and females. Angausingha K, et al. *J Clin Endocrinol Metab* 39:63-8, Jul 74
- Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al. *J Clin Endocrinol Metab* 38:1083-9, Jun 74
- Clinical and hormonal response to bromocriptin (CB-154) in the galactorrhea syndromes. Del Pozo E, et al. *J Clin Endocrinol Metab* 39:18-26, Jul 74
- Unaltered plasma GH levels in acromegalics and normal men and women after administration of (Pyro)Glu-Ser-Gly-NH₂, a proposed GH-releasing hormone. Gonzalez-Barcena D, et al. *J Clin Endocrinol Metab* 38:1134-6, Jun 74
- The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al. *J Clin Endocrinol Metab* 39:81-95, Jul 74
- Testicular endocrine function in a pubertal boy with 3 β -hydroxysteroid dehydrogenase deficiency. Jänne O, et al. *J Clin Endocrinol Metab* 39:206-9, Jul 74
- Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism. Job JC, et al. *J Clin Endocrinol Metab* 38:1109-14, Jun 74
- Fluctuations of gonadotropin levels in children. Johanson A. *J Clin Endocrinol Metab* 39:154-9, Jul 74
- Gonadotropin response to luteinizing hormone-releasing hormone in men with germinal aplasia. Mecklenburg RS, et al. *J Clin Endocrinol Metab* 38:1005-8, Jun 74
- Further studies on Leydig cell function in old age. Rubens R, et al. *J Clin Endocrinol Metab* 39:40-5, Jul 74
- Measurement of serum LH, FSH, estradiol and progesterone in disorders of the human menstrual cycle: the inadequate luteal phase. Sherman BM, et al. *J Clin Endocrinol Metab* 39:145-9, Jul 74
- Effects of clomiphene citrate and synthetic LHRH on serum luteinizing hormone (LH) in men with idiopathic hemochromatosis. Tournaire J, et al. *J Clin Endocrinol Metab* 38:1122-4, Jun 74
- Disparity in the negative gonadal feedback control for LH and FSH secretion in cases of germinal aplasia or Sertoli-cell-only syndrome. Zárate A, et al. *J Clin Endocrinol Metab* 38:1125-7, Jun 74
- Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74
- Proceedings: Effect of ovarian steroids on pituitary sensitivity to luteinizing hormone releasing factor in the rat. Aiyer MS, et al. *J Endocrinol* 61:xxii, Apr 74
- Proceedings: Effects of antiserum to luteinizing hormone releasing hormone during the oestrous cycle of the rat. Fraser HM, et al. *J Endocrinol* 61:xxi, Apr 74
- Proceedings: Effect of synthetic corticotrophin analogues on plasma delta4-androstenedione, testosterone and gonadotrophins in normal men. Irvine WJ, et al. *J Endocrinol* 61:27-8, Apr 74
- Proceedings: The lack of response of the sheep pituitary to luteinizing hormone releasing hormone stimulation in gestation and early lactation; the probable role of progesterone. Jenkin G, et al. *J Endocrinol* 61:12-3, Apr 74
- Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al. *J Endocrinol* 61:123-31, Apr 74
- Proceedings: Plasma and pituitary hormone levels during early stages of pregnancy in the rat. O'Grady JE, et al. *J Endocrinol* 61:xxviii, Apr 74
- Proceedings: Effect of intravenous infusion of oestradiol-17 β , with and without prior progesterone treatment, on the plasma luteinizing hormone and follicle-stimulating hormone concentrations in anoestrous ewes. Pant HC, et al. *J Endocrinol* 61:vi, Apr 74
- Proceedings: A comparison of circulating levels of luteinizing hormone in intact and gonadectomized growing fowl. Sharp PJ. *J Endocrinol* 61:8, Apr 74
- An overnight radioimmunoassay for human luteinizing hormone. Brown LP, et al. *J Lab Clin Med* 84:129-33, Jul 74
- Luteotrophic factors in the sheep. Denamur R. *J Reprod Fertil* 38:251-9, Jun 74 (65 ref.)
- The demonstration that PGF₂ α is the uterine luteolysin in the ewe. Goding JR. *J Reprod Fertil* 38:261-71, Jun 74 (54 ref.)

- The effect of lactation on the resumption of reproductive activity and the preOVULATORY RELEASE OF LH in Finn x Dorset ewes. Shevah Y, et al. *J Reprod Fertil* 38:369-78, Jun 74
- Further analysis of the CNS regulation of adenohypophyseal LH release: facilitation of the ovulatory LH surge by oestrogen and progesterone. Barraclough CA, et al. *J Reprod Fertil [Suppl]* 20:61-96, Dec 73 (40 ref.)
- Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al. *J Reprod Fertil [Suppl]* 20:119-36, Dec 73 (64 ref.)
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
- The testis in Cushing's syndrome. Gabrilove JL, et al. *J Urol* 112:95-9, Jul 74
- Serum gonadotropins in hypothyroid girls with and without sexual precocity. Lee PA, et al. *Johns Hopkins Med J* 135:55-60, Jul 74
- Letter: Testosterone, L.H.R.H., and behaviour. Tiwary CM. *Lancet* 1:1993, 18 May 74
- LH inhibitory properties of aqueous extracts of rat pineal glands. Orts RJ, et al. *Life Sci* 14:1501-10, 16 Apr 74
- Proceedings: Simultaneous determination by radioimmunoassay of luteinizing hormone and luteinizing hormone releasing hormone at different stages of the oestrus cycle in the sheep. Foster JP, et al. *N Engl J Med* 291:63, 11 Jun 74
- Proceedings: Effect of active immunization against oestradiol-6-bovine serum albumin on circulating levels of oestradiol, testosterone, luteinizing hormone, follicle-stimulating hormone, prolactin and anti-oestradiol titre in the male rat. Hillier SG, et al. *N Engl J Med* 291:1111, 11 Jun 74
- Proceedings: Plasma follicle-stimulating hormone and luteinizing hormone in subfertile men. Hunter WM, et al. *N Engl J Med* 291:1xxx, 11 Jun 74
- Short-term variation in blood levels of prolactin, luteinizing hormone and follicle-stimulating hormone in normal men throughout the day. McNeilly AS, et al. *N Engl J Med* 291:301-2, 11 Jun 74
- Proceedings: Luteinizing hormone and progesterone in the plasma of anoestrous ewes. Walton JS, et al. *N Engl J Med* 291:82-3, 11 Jun 74
- Etiology and treatment of dysfunctional uterine bleeding. Aksel S, et al. *Obstet Gynecol* 44:1-13, Jul 74
- The ovulatory cycle. A histologic, thermal, steroid, and gonadotropin correlation. Lundy LE, et al. *Obstet Gynecol* 44:14-25, Jul 74
- Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al. *Obstet Gynecol* 44:42-6, Jul 74
- Fluctuation of hypothalamic luteinizing hormone releasing hormone and pituitary gonadotropins in laying and non-laying hens. Harrison PC, et al. *Poult Sci* 53:554-9, Mar 74
- Circadian function in the photoperiodic induction of gonadotropin secretion in the white-crowned sparrow, *Zonotrichia leucophrys gambelli*. Follett BK, et al. *Proc Natl Acad Sci USA* 71:1666-9, May 74
- In vivo comparison of LH-RH and FSH-RH activities of (DES-GLY10) (PRO9-ethylamide)-LH-RH, (DES-GLY10)(PRO9-propylamide)-LH-RH, and LH-RH using immature male rats. Arimura A, et al. *Proc Soc Exp Biol Med* 146:17-20, May 74
- Inhibitory and facilitatory effects of estradiol 17beta on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. Cooper KJ, et al. *Proc Soc Exp Biol Med* 145:1422-6, Apr 74
- Increased in vitro pituitary response to LH-RH after in vivo estrogen treatment. Hobson W, et al. *Proc Soc Exp Biol Med* 146:470-4, Jun 74
- Reversal by progesterone of barbiturate blockade of ovulation: effect on concentration of serum LH. McCormack CE, et al. *Proc Soc Exp Biol Med* 146:329-32, Jun 74
- The effects of intraventricular injection of antibiotics on LH release in the rat. Negro-Villar A, et al. *Proc Soc Exp Biol Med* 146:302-5, May 74
- Fertility in ewes treated with luteinizing hormone-releasing factor. Segerson EC Jr, et al. *Proc Soc Exp Biol Med* 146:518-21, Jun 74
- Plasma prolactin and luteinizing hormone levels in anorexia nervosa. Beaumont PJ, et al. *Psychol Med* 4:219-21, May 74
- The effect of Eck fistula upon intrasplenic ovarian neoplasm formation. Lee S, et al. *Surg Forum* 23:110-2, 1972
- Testosterone: effect on rat testis. Walsh PC, et al. *Surg Forum* 23:522-3, 1972
- Control of the estrous cycle with prostaglandins. Downey BR. *Vet Med Small Anim Clin* 69:880 passim, Jul 74 (49 ref.)
- Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al. *Yale J Biol Med* 46:314-23, Oct 73 (43 ref.)
- [Increased androgen secretion by the ovaries and "hyperovarianism". Respective studies] Geller S, et al. *Nouv Presse Med* 3:809-10, 30 Mar 74 (Pre)
- [Measurement of plasma FSH and LH in sterile women treated with human gonadotropins] Boile E, et al. *Union Med Can* 103:653-6, Apr 74 (Eng. Abstr.) (Pre)
- [Clinical evaluation of the stimulation test using synthetic LH-RH] Olivier GC, et al. *Union Med Can* 103:685-90, Apr 74 (Eng. Abstr.) (Pre)
- [Hypogonadism due to luteotropin-releasing hormone (LHRH) deficiency in a child with Prader-Labhart-Willi syndrome (author's transl)] Morgner KD, et al. *Dtsch Med Wochenschr* 99:1196-8, 31 May 74 (Eng. Abstr.) (Ger)
- [Indications for special endocrinologic diagnosis in gynecology] Breckwoldt M, et al. *Fortschr Med* 92:727-31, 13 Jun 74 (Ger)
- [Growth hormone, gonadotropins and cortisol in the plasma of males under combined application of the insulin-hypoglycaemia-LH-RH test (author's transl)] Wiegelmann W, et al. *Klin Wochenschr* 52:194-6, 15 Feb 74 (Eng. Abstr.) (Ger)
- [Influence of hemodialysis on hormone status of terminal kidney failed patients] Bindeballe W, et al. *Verh Dtsch Ges Inn Med* 79:1249-52, 1973 (Ger)
- [Influence of ACTH and cortisol on gonadal function] Demisch K, et al. *Verh Dtsch Ges Inn Med* 79:1252-5, 1973 (Ger)
- [Blood LH and FSH before and after intravenous synthetic LH releasing hormone administration in patients with primary hypogonadism] Wagner H, et al. *Verh Dtsch Ges Inn Med* 79:1238-42, 1973 (Ger)
- [Effect of glucocorticoids and the level of ACTH, TSH, LH and FSH in the human serum] Wagner H, et al. *Verh Dtsch Ges Rheumatol* 3:271-6, 1974 (Eng. Abstr.) (Ger)
- [Endocrinological differentiation of male hypogonadism by radioimmunoassay of serum FSH, LH and testosterone levels (author's transl)] Lunglmayr G, et al. *Wien Klin Wochenschr* 86:305-10, 31 May 74 (Eng. Abstr.) (Ger)
- [The pituitary-gonadal axis in the normal male; radioimmunoassay of hormones (author's transl)] Spona J, et al. *Wien Klin Wochenschr* 86:311-5, 31 May 74 (Eng. Abstr.) (Ger)
- [Current possibilities of neuro-endocrine semology in anorexia nervosa. Report of a clinical case] Rolandi E, et al. *Arch E Maragliano Patol Clin* 29:109-15, Jan 73 (Eng. Abstr.) (Ita)
- [Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al. *Folia Endocrinol (Roma)* 27:303-27, Jun 74 (Eng. Abstr.) (Ita)
- [The pituitary and testicular response to clomiphene during hepatic cirrhosis] Rolandi E, et al. *Folia Endocrinol (Roma)* 27:290-302, Jun 74 (Eng. Abstr.) (Ita)
- [Induction of ovulation] Andreoli C. *Minerva Ginecol* 26:147-58, Mar 74 (Ita)
- [The luteotropic hormone in urine and blood serum in women with glaucoma simplex] Glierek A, et al. *Ginekol Pol* 45:581-5, May 74 (Eng. Abstr.) (Pol)

ISOLATION & PURIFICATION

- Luteinizing hormone and human chorionic gonadotropin: structure and activity. Jutisz M, et al. *Curr Top Exp Endocrinol* 2:195-246, 1974
- Specific, homologous radioimmunoassay (RIA) of highly purified subunits of human pituitary follicle stimulating hormone (hFSH). Parlow AF, et al. *J Clin Endocrinol Metab* 39:195-8, Jul 74

METABOLISM

- An integrated direct functional test of the adenohypophysis. Rakoff J, et al.
Am J Obstet Gynecol 119:358-68, 1 Jun 74
- Circulating LH and FSH levels and testicular function in hamsters during light deprivation and subsequent photoperiodic stimulation. Berndtson WE, et al.
Endocrinology 95:195-205, Jul 74
- Luteinizing hormone. 2. Relative reactivities of tyrosyl residues of the porcine hormone towards iodination. Combarnous Y, et al.
Eur J Biochem 42:13-9, 15 Feb 74
- Luteinizing hormone (LH) in the reptilian pituitary gland. Licht P.
Gen Comp Endocrinol 22:463-9, Apr 74
- A comparison of the properties of FSH from several species as determined by a rat testis tubule receptor assay. Reichert LE Jr, et al.
Gen Comp Endocrinol 23:111-7, May 74
- Plasma and pituitary luteinizing hormone in intact and castrated tree sparrows (*Spizella arborea*) during a photoinduced gonadal cycle. Wilson FE, et al.
Gen Comp Endocrinol 23:82-93, May 74
- Serum and pituitary gonadotropin levels in alloxan-diabetic rats. Howland BE, et al.
Horm Metab Res 6:121-4, Mar 74
- Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al.
Int J Cancer 12:100-14, 15 Jul 73
- Properties of gonadotropin receptors in the cell membranes of bovine corpus luteum. Rao CV.
J Biol Chem 249:2864-72, 10 May 74
- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al.
J Clin Invest 53:1588-98, Jun 74
- Hypothalamic regulatory hormones: a review. Besser GM, et al.
J Clin Pathol 27:173-84, Mar 74 (98 ref.)
- Proceedings: Gonadal steroid synthesis in the Virginian opossum, *Didelphis marsupialis*. Cook B, et al.
J Endocrinol 61:ix, Apr 74
- Proceedings: Binding of porcine 125 I-labelled luteinizing hormone by luteal tissues under superfused conditions. Leask JT, et al.
J Endocrinol 61:xxii, Apr 74
- The gonadotrophins and their releasing factors. Greep RO.
J Reprod Fertil [Suppl] 20:1-9, Dec 73 (25 ref.)
- Binding of luteinizing hormone and human chorionic gonadotrophin to ovarian cells and activation of adenylate cyclase. Koch Y, et al.
N Engl J Med 291:179-91, 11 Jun 74
- Radioimmunoassay determinations of gonadotropic hormone content in different regions of male and female rat adenohypophyses. Schafer SJ, et al.
Proc Soc Exp Biol Med 146:546-8, Jun 74
- [Hypothalamo-hypophyseal system in the control of gonadic function] Martini L.
Minerva Ginecol 26:62-4, Feb 74 (Ita)
- [The luteotropic hormone in urine and blood serum in women with glaucoma simplex] Glerak A, et al.
Ginekol Pol 45:581-5, May 74 (Eng. Abstr.) (Pol)

PHARMACODYNAMICS

- Neuro-glandular junctions in the pars intermedia of the rabbit. Lawzewitsch I von, et al.
Acta Anat (Basel) 87:409-13, 1974
- Conversion of labelled cholesterol to neutral steroids by human ovaries perfused in vivo. Dell'Acqua S, et al.
Acta Endocrinol (Kbh) 75:368-78, Feb 74
- Luteolytic effects of prostaglandins in rat pregnancy, and reversal by luteinizing hormone. Fuchs AR, et al.
Acta Endocrinol (Kbh) 76:583-96, Jul 74
- A new in vitro method for assay of the biological activity of growth hormone. Saxena RK, et al.
Acta Endocrinol (Kbh) 76:248-59, Jun 74
- Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al.
Acta Endocrinol (Kbh) 76:392-402, Jun 74
- Failure of adrenalectomy to influence the acute effect of FSH on ovarian metabolism. Nilsson L.
Acta Physiol Scand 91:139-41, May 74
- Classic pages in Obstetrics and Gynecology. Interstitial cell stimulating hormone. II. Method of preparation and some physico-chemical studies, by Choh Hao Li, Miriam E. Simpson, and Herbert M. Evans.
Endocrinology, vol. 27, pp. 803-808, 1940. (Li Ch), (Simpson ME), (Evans HM),
Am J Obstet Gynecol 17:716, 1 Nov 73
- Gonadotropin regulation of nucleotide biosynthesis in

- corpus luteum. McKerns KW.
Biochemistry 12:5206-11, 4 Dec 73
- Ovarian secretion of pregnane compounds during the estrous cycle and pregnancy in rats. Ichikawa S, et al.
Endocrinology 94:1615-20, Jun 74
- Temporal aspects of the regulation of corpus luteum function by luteinizing hormone, prolactin and placental luteotrophin during the first half of pregnancy in the rat. Morishige WK, et al.
Endocrinology 95:260-74, Jul 74
- Proceedings: Some histochemical changes in immature mouse ovaries after gonadotrophin treatment. Kent J.
J Endocrinol 61:xxixii, Apr 74
- The ovarian follicle of the sheep: inhibition of oestrogen secretion by luteinizing hormone. Moor RM.
J Endocrinol 61:455-63, Jun 74
- Proceedings: Synergistic action of follicle-stimulating hormone and luteinizing hormone on oestrogen production by mouse ovaries in culture. Ryle M, et al.
J Endocrinol 61:23, Apr 74
- Effects of follicle stimulating hormone and luteinizing hormone on plasma testosterone levels in hypophysectomized and in intact immature and adult male rats. el-Safoury S, et al.
N Engl J Med 291:193-8, 11 Jun 74
- The ovulatory surge of gonadotropin and sexual receptivity in the female golden hamster. Goldman BD, et al.
Physiol Behav 12:991-5, Jun 74
- [Modifications of ovarian 17 beta estradiol in female rats treated by LH at the onset of 4 day cycles] Roser S, et al.
C R Acad Sci [D] (Paris) 277:1799-801, 29 Oct 73 (Fre)

PHYSIOLOGY

- Normal and abnormal sexual maturation. Bryan GT.
Am Fam Physician 9:123-35, Jun 74
- Luteinizing hormone and human chorionic gonadotropin: structure and activity. Jutiaz M, et al.
Curr Top Exp Endocrinol 2:195-246, 1974
- The ovarian follicle of the sheep: inhibition of oestrogen secretion by luteinizing hormone. Moor RM.
J Endocrinol 61:455-63, Jun 74
- Luteotropic factors in the sheep. Denamur R.
J Reprod Fertil 38:251-9, Jun 74 (65 ref.)
- The gonadotrophins and their releasing factors. Greep RO.
J Reprod Fertil [Suppl] 20:1-9, Dec 73 (25 ref.)

SECRETION

- Synthesis and biological properties of (D-Ala-6, des-Gly-NH₂-10)-LH-RH ethylamide, a peptide with greatly enhanced LH- and FSH-releasing activity. Coy DH, et al.
Biochem Biophys Res Commun 57:335-40, 25 Mar 74
- Acidic analogs of the luteinizing hormone-releasing hormone and conformational aspects for activity. Humphries J, et al.
Biochem Biophys Res Commun 57:675-82, 8 Apr 74
- Letter: Effects of oral contraceptives on endogenous hormone secretion. Elstein M, et al.
Br Med J 2:222, 27 Apr 74
- Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al.
Brain Res 74:279-303, 12 Jul 74
- The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al.
Clin Endocrinol (Oxf) 3:27-39, Jan 74
- Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Mortimer CH, et al.
Clin Endocrinol (Oxf) 3:19-25, Jan 74
- Pituitary-ovarian interrelationships in the rat. Neill JD, et al.
Curr Top Exp Endocrinol 2:73-106, 1974
- Influence of age on the pituitary response of male lambs to synthetic lh-rh injection. Galloway DG, et al.
Horm Metab Res 6:240-1, May 74
- Modulation of pituitary responsiveness to LRF by estrogen. Yen SS, et al.
J Clin Endocrinol Metab 39:170-7, Jul 74
- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al.
J Clin Invest 53:1588-98, Jun 74
- Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing

- hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74
- Tumour-associated hormonal products. Landon J, et al. *J Clin Pathol [Suppl]* 7:127-34, 1974 (58 ref.)
- Negative and positive effects of oestradiol upon luteinizing hormone secretion in the female rat. Chazal G, et al. *J Endocrinol* 61:511-2, Jun 74
- Proceedings: Effects of various synthetic fragments of the decapeptide molecule of gonadotrophin releasing factor on the release of luteinizing hormone from ovine pituitary tissue in vitro. Crighton DB, et al. *J Endocrinol* 61:xi, Apr 74
- The effect of lactation on the resumption of reproductive activity and the preOVULATORY RELEASE OF LH in Finn x Dorset ewes. Shevah Y, et al. *J Reprod Fertil* 38:369-78, Jun 74
- Further analysis of the CNS regulation of adenohypophyseal LH release: facilitation of the ovulatory LH surge by oestrogen and progesterone. Barraclough CA, et al.
- J Reprod Fertil [Suppl]* 20:61-96, Dec 73 (40 ref.)
- Towards a neurophysiological basis for ovulation. Cross BA. *J Reprod Fertil [Suppl]* 20:97-117, Dec 73 (48 ref.)
- Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al.
- J Reprod Fertil [Suppl]* 20:43-59, Dec 73 (32 ref.)
- Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al.
- J Reprod Fertil [Suppl]* 20:119-36, Dec 73 (64 ref.)
- Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylate cyclase and cyclic adenosine 3',5' monophosphate by hypothalamic extract. Zor U, et al.
- Metabolism* 23:549-59, Jun 74
- Proceedings: An attempt to simulate, by injection of luteinizing hormone releasing hormone in the anoestrous sheep, the pattern of release observed at oestrus and the effects of this on luteinizing hormone release. Crighton DB, et al.
- N Engl J Med* 291:63-4, 11 Jun 74
- Circadian function in the photoperiodic induction of gonadotrophin secretion in the white-crowned sparrow, *Zonotrichia leucophrys gambelii*. Follett BK, et al. *Proc Natl Acad Sci USA* 71:1686-9, May 74
- Inhibitory and facilitatory effects of estradiol 17beta on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. Cooper KJ, et al.
- Proc Soc Exp Biol Med* 145:1422-6, Apr 74
- Increased in vitro pituitary response to LH-RH after in vivo estrogen treatment. Hobson W, et al.
- Proc Soc Exp Biol Med* 146:470-4, Jun 74
- The effects of intraventricular injection of antibiotics on LH release in the rat. Negro-Villar A, et al.
- Proc Soc Exp Biol Med* 146:302-5, May 74
- Input to releasing factor cells. Cramer OM, et al.
- Prog Brain Res* 39:73-85, 1973
- The role of brain monoamines and pineal indoles in the secretion of gonadotrophins and gonadotrophin-releasing factors. Kamberi IA.
- Prog Brain Res* 39:261-80, 1973
- Delta1-tetrahydrocannabinol and luteinizing hormone secretion. Marks BH. *Prog Brain Res* 39:331-8, 1973
- Plasma prolactin and luteinizing hormone levels in anorexia nervosa. Beaumont PJ, et al.
- Psychol Med* 4:219-21, May 74
- [Pituitary forms of lutein insufficiency in women] Markovski N.
- Akush Ginekoi (Sofia)* 13:89-106, 1974 (Eng. Abstr.) (Bul)
- [Significance of prolactin in man] Kumamoto E, et al.
- Clin Endocrinol (Tokyo)* 22:361-7, Mar 74 (36 ref.) (Jap)
- [Senescence and hormones] Ibayashi H, et al.
- Jap J Clin Med* 32:20-9, Jan 74 (40 ref.) (Jap)
- [Effects of reserpine on the ovulation (author's transl)] González-Barón S, et al.
- Rev Esp Fisiol* 29:189-95, Sept 73 (Eng. Abstr.) (Spa)
- [Reflex factors that modify the reserpine effect on the ovulation (author's transl)] González-Barón S, et al.
- Rev Esp Fisiol* 29:279-88, Dec 73 (Eng. Abstr.) (Spa)

URINE

- Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al.
- Acta Endocrinol (Kbh)* 76:214-34, Jun 74

- Effects of norethisterone on pituitary and ovarian function. Collins WP, et al.
- Acta Endocrinol (Kbh)* 75:357-67, Feb 74
- Letter: Effects of oral contraceptives on endogenous hormone secretion. Elstein M, et al.
- Br Med J* 2:222, 27 Apr 74
- Clomiphene citrate stimulation in male sub- and infertility monitored by simple immunochemical assays for FSH and LH in unconcentrated urine. Mauss J, et al. *Horm Metab Res* 6:171-2, Mar 74
- Effect of cyproterone acetate on steroid levels and hirsutism in two female patients in a long-term study. Irvine WJ, et al. *J Endocrinol* 61:32-3, Apr 74
- [Hypogonadism in Werner's syndrome] Török L, et al.
- Z Hautkr* 49:179-81, 1 Mar 74 (Ger)
- [Radioimmunologic determination of pituitary gonadotrophins in a 4 and one-half months old patient with Turner's syndrome] Colombo ML, et al.
- Minerva Pediatr* 26:293-6, 25 Feb 74 (Ita)
- [The luteotropic hormone in urine and blood serum in women with glaucoma simplex] Glierek A, et al.
- Ginekoi Pol* 45:581-5, May 74 (Eng. Abstr.) (Pol)
- [Role of androgenic hormones in the formation of the gonadotropic function of the hypothalamo-hypophyseal system in girls at different stages of ontogenesis] Tkachenko NM, et al.
- Aktuel Probl Klin Biochem* 49:61-4, Jul 73 (Eng. Abstr.) (Rus)

LIPOTROPIN

ANALYSIS

- [The lipotropins (author's transl)] Schwandt P.
- Klin Wochenschr* 52:153-65, 15 Feb 74 (105 ref.) (Eng. Abstr.) (Ger)
- [Structure and properties of hypophyseal hormones. 1. Peptide hormones of the pituitary gland] Pankov IuA.
- Probl Endokrinol (Mosk)* 20:106-14, Mar-Apr 74 (Rus)

BIOSYNTHESIS

- [In vitro biosynthesis of bovine beta-lipotrophic hormone] Bertagna X, et al.
- Can J Biochem* 52:349-58, May 74 (Eng. Abstr.) (Fre)

ISOLATION & PURIFICATION

- [The lipotropins (author's transl)] Schwandt P.
- Klin Wochenschr* 52:153-65, 15 Feb 74 (105 ref.) (Eng. Abstr.) (Ger)

METABOLISM

- [The lipotropins (author's transl)] Schwandt P.
- Klin Wochenschr* 52:153-65, 15 Feb 74 (105 ref.) (Eng. Abstr.) (Ger)
- [Physiology and physiopathology of ketone bodies II. Regulation of ketone bodies formation and their utilization] Hübner G, et al.
- Z Gesamte Inn Med* 29:89-94, 1 Feb 74 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

- [The lipotropins (author's transl)] Schwandt P.
- Klin Wochenschr* 52:153-65, 15 Feb 74 (105 ref.) (Eng. Abstr.) (Ger)

PHYSIOLOGY

- [Structure and properties of hypophyseal hormones. 1. Peptide hormones of the pituitary gland] Pankov IuA.
- Probl Endokrinol (Mosk)* 20:106-14, Mar-Apr 74 (Rus)

MENOTROPINS

PHARMACODYNAMICS

- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. *Acta Endocrinol (Kbh)* 75:209-20, Feb 74
- Effect of human menopausal gonadotrophin on amino acid transport in the prepubertal rat ovary. Selstam G, et al. *Acta Physiol Scand* 90:798-800, Apr 74
- Proceedings: Comparison of steroid hormone production in the gonadotrophin-stimulated menstrual cycle with that found in the normal human menstrual cycle. Coutts JR, et al.
- J Endocrinol* 61:28-9, Apr 74
- [Measurement of plasma FSH and LH in sterile women

MENOTROPINS

- treated with human gonadotropins] Bolte E, et al. *Union Med Can* 103:653-6, Apr 74 (Eng. Abstr.) (Fre)
[Treatment of male infertility with human gonadotropine (author's transl)] Da Rugna D, et al. *Praxis* 63:699-703, 11 Jun 74 (Eng. Abstr.) (Ger)
[Induction of ovulation] Andreoli C. *Minerva Ginecol* 26:147-58, Mar 74 (Ita)

STANDARDS

- [Biological determination of LH in menogonadyl] Chojacka H, et al. *Acta Pol Pharm* 31:81-5, 1974 (Eng. Abstr.) (Pol)

THERAPEUTIC USE

- Proceedings: Plasma oestradiol and progesterone estimations in the monitoring of the induction of ovulation by human menopausal gonadotrophin and human chorionic gonadotrophin. McGarrigle HH, et al. *N Engl J Med* 291:xxxxlxxxii, 11 Jun 74
[Measurement of plasma FSH and LH in sterile women treated with human gonadotropins] Bolte E, et al. *Union Med Can* 103:653-6, Apr 74 (Eng. Abstr.) (Fre)
[Treatment of male infertility with human gonadotropine (author's transl)] Da Rugna D, et al. *Praxis* 63:699-703, 11 Jun 74 (Eng. Abstr.) (Ger)
[Induction of ovulation] Andreoli C. *Minerva Ginecol* 26:147-58, Mar 74 (Ita)
[Endocrine sterility. Diagnosis and treatment] Campagnoli C. *Minerva Ginecol* 26:159-65, Mar 74 (Ita)

MSH

- Hypothalamic releasing factors and Parkinson disease. Chase TN, et al. *Arch Neurol* 31:55-6, Jul 74
Action of two hypothalamic factors (TRH, MIF) and of angiotensin II on the behavioral effects of L-DOPA and 5-hydroxytryptophan in mice. Huidobro-Toro JP, et al. *Pharmacol Biochem Behav* 2:105-9, Jan-Feb 74
Tertiary structure of H-Pro-Leu-Gly-NH₂, the factor that inhibits release of melanocyte stimulating hormone, derived by conformational energy calculations. Ralston E, et al. *Proc Natl Acad Sci USA* 71:1142-4, Apr 74
[In vitro biosynthesis of bovine beta-lipotrophic hormone] Bertagna X, et al. *Can J Biochem* 52:349-58, May 74 (Eng. Abstr.) (Fre)

ANALYSIS

- Corticotrophin-like peptides in the rat pituitary. Scott AP, et al. *J Endocrinol* 61:355-67, Jun 74

BLOOD

- Plasma MSH and cortisol levels in 567 patients with special reference to brain trauma. Kastin AJ, et al. *Endocrinol Exp (Bratisl)* 8:97-105, Jun 74
Multiple hormones in a bronchial tumor. Rees LH, et al. *J Clin Endocrinol Metab* 38:1090-7, Jun 74
Behavioral aspects of melanocyte-stimulating hormone (MSH). Kastin AJ, et al. *Prog Brain Res* 39:461-70, 1973 (38 ref.)
Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al. *Yale J Biol Med* 46:314-23, Oct 73 (43 ref.)

METABOLISM

- Hypothalamic regulatory hormones: a review. Beaser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
Regulation of melanocyte stimulating hormone action at the receptor level: discontinuous binding of hormone to synchronized mouse melanoma cells during the cell cycle. Varga JM, et al. *Proc Natl Acad Sci USA* 71:1590-3, May 74

PHARMACODYNAMICS

- The mechanism of frog skin lightening by acetylcholine. Moellmann G, et al. *Gen Comp Endocrinol* 23:45-51, May 74
Fine structure of the secretory activity of the pars intermedia of *Rana pipiens*. Perryman EK. *Gen Comp Endocrinol* 23:94-110, May 74
Influence of alpha-melanocyte-stimulating hormone (alpha-MSH), growth hormone (GH) and fetal brain extracts on intrauterine growth of fetus and placenta

PITUITARY

- in the rat. Honnebler WJ, et al. *J Obstet Gynaecol Br Commonw* 81:439-47, Jun 74
Antagonism between morphine and the polypeptides ACTH, ACTH1-24 and beta-MSH in the nervous system. Zimmermann E, et al. *Prog Brain Res* 39:383-94, 1973 (31 ref.)

PHYSIOLOGY

- Editorial: The sebaceous glands. Strauss JS. *N Engl J Med* 291:46-7, 4 Jul 74
Behavioral aspects of melanocyte-stimulating hormone (MSH). Kastin AJ, et al. *Prog Brain Res* 39:461-70, 1973 (38 ref.)

SECRETION

- Release of melanocyte-stimulating hormone (MSH) from the posterior pituitary lobe and from the hypothalamus. Cyrkowiec A. *Acta Physiol Pol* 25:183-5, Mar-Apr 74
Hypothalamic control of anterior pituitary hormone secretion--characterized hypothalamic-hypophyseotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
Plasma MSH and cortisol levels in 567 patients with special reference to brain trauma. Kastin AJ, et al. *Endocrinol Exp (Bratisl)* 8:97-105, Jun 74
Fine structure of the secretory activity of the pars intermedia of *Rana pipiens*. Perryman EK. *Gen Comp Endocrinol* 23:94-110, May 74
The effect of ergocornine on melanophores of *Ambystoma tigrinum*: evidence for suppression of pituitary MSH release. Platt JE, et al. *J Exp Zool* 189:7-12, Jul 74
Proceedings: Stimulation of melanocyte-stimulating hormone release in vitro by cyclic AMP. Baker BI. *N Engl J Med* 291:xxxv, 11 Jun 74
Proceedings: The characteristics of melanocyte-stimulating hormone release from incubated hemi-pituitaries of the lizard, *Anolis carolinensis*. Thornton VF. *N Engl J Med* 291:lxix, 11 Jun 74

NEUROPHYSINS

ANALYSIS

- [Molecular relationship of oxytocin and neurophysin in the neurohypophysis and hypothalamus of the rat--radioimmunoassay] Fabert VG, et al. *Endokrinologie* 62:291-6, 1973 (Eng. Abstr.) (Ger)

BLOOD

- The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al. *Clin Endocrinol (Oxf)* 3:27-39, Jan 74
Multiple hormones in a bronchial tumor. Rees LH, et al. *J Clin Endocrinol Metab* 38:1090-7, Jun 74
Elevation of plasma neurophysin in women on oral contraceptives. Robinson AG. *J Clin Invest* 54:209-12, Jul 74

ISOLATION & PURIFICATION

- The neurophysins. Breslow E. *Adv Enzymol* 40:271-333, 1974 (139 ref.)
Purification of neurophysins by affinity chromatography. Frénoy JP, et al. *Eur J Biochem* 43:371-5, 1 Apr 74

METABOLISM

- The neurophysins. Breslow E. *Adv Enzymol* 40:271-333, 1974 (139 ref.)
Proceedings: Subcellular studies of the incorporation of (35S)cysteine into components of the neurohypophysis. Swann RW, et al. *N Engl J Med* 291:lvilvii, 11 Jun 74
[Molecular relationship of oxytocin and neurophysin in the neurohypophysis and hypothalamus of the rat--radioimmunoassay] Fabert VG, et al. *Endokrinologie* 62:291-6, 1973 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

- The neurophysins. Breslow E. *Adv Enzymol* 40:271-333, 1974 (139 ref.)

SECRETION

Ectopic hormone production by non-endocrine tumours. Rees LH, et al.
Clin Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)

OXYTOCICS

A neurohypophyseal hormone analog with selective oxytocin-like activities and resistance to enzymatic inactivation: an approach to the design of peptide drugs. Walter R, et al.
Proc Natl Acad Sci USA 71:1901-5, May 74

PHARMACODYNAMICS

Synthesis and some pharmacological properties of 8-L-homoarginine-vasopressin and of 1-deamino-8-L-homoarginine-vasopressin. Lindeberg G, et al. *J Med Chem* 17:781-3, Jul 74

OXYTOCIN

The conformation of oxytocin in dimethylsulfoxide as revealed by carbon-13 spin-lattice relaxation times. Walter R, et al.

Biochem Biophys Res Commun 58:216-21, 7 May 74
 Conformational flexibility of the neurohypophyseal hormones oxytocin and lysine-vasopressin. A carbon-13 spin-lattice relaxation study of backbone and side chains. Deslauriers R, et al.
J Am Chem Soc 96:2289-91, 3 Apr 74

Oxytocin receptors in human uterus. Soloff MS, et al. *J Clin Endocrinol Metab* 38:1052-6, Jun 74

Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. Diliberto EJ Jr, et al. *Proc Natl Acad Sci USA* 71:1701-4, May 74

[Effect of deaminoxytocin on blood loss during the 3rd stage of labor] Filipowicz K.
Folia Med Cracov 16:217-34, 1974 (Eng. Abstr.) (Pol)

ADMINISTRATION & DOSAGE

Effects of hypothalamic deafferentation late in gestation on lactation and nursing behavior in the rat. Herrenkohl LR, et al. *Horm Behav* 5:33-41, Mar 74

Routine birth induction in rabbits using oxytocin. Morgan DR. *Lab Anim* 8:127-30, May 74

Letter: Prostaglandins and pre-eclampsia. Calder AA, et al. *Lancet* 2:49, 6 Jul 74

Letter: Labour and neonatal jaundice. Roberts G, et al. *Lancet* 1:935, 11 May 74

Uterine rupture following attempted saline abortion with oxytocin in a grandmultiparous patient. Horwitz DA. *Obstet Gynecol* 43:921-2, Jun 74

ADVERSE EFFECTS

Letter: Labour and neonatal jaundice. Roberts G, et al. *Lancet* 1:935, 11 May 74

Uterine rupture following attempted saline abortion with oxytocin in a grandmultiparous patient. Horwitz DA. *Obstet Gynecol* 43:921-2, Jun 74

ANALYSIS

The vasopressin and oxytocin content in the hypothalamus and neurohypophysis during long-time dehydration in rats. Guzek JW, et al.

Acta Physiol Pol 25:187-9, Mar-Apr 74

The role of the internal cross-link in oxytocin. Preparation of mercury mercaptide oxytocin derivatives. Sperling R, et al.

Biochemistry 13:2347-53, 21 May 74

[Molecular relationship of oxytocin and neurophysin in the neurohypophysis and hypothalamus of the rat--radioimmunoassay] Fabert VG, et al.

Endokrinologie 62:291-6, 1973 (Eng. Abstr.) (Ger)

[Structure and properties of hypophyseal hormones. I. Peptide hormones of the pituitary gland] Pankov IuA.

Probl Endokrinol (Mosk) 20:106-14, Mar-Apr 74 (Rus)

ANTAGONISTS & INHIBITORS

The in vitro effect of progesterone and oestrogens on the spontaneous and oxytocin-induced activity of the human myometrium. Barnafi L, et al.

Acta Endocrinol (Kbh) 76:172-7, May 74

An inhibitory action of prolactin on isolated rabbit

myometrium. Matl JK, et al.

East Afr Med J 51:228-31, Feb 74

Inhibition of oxytocic responses to oxytocin in pregnant rats by (1-L-penicillamine)oxytocin and (1-beta-mercapto-beta, beta-diethylpropionic acid)oxytocin. Chan WY, et al.

Proc Soc Exp Biol Med 146:364-6, Jun 74

BLOOD

Multiple hormones in a bronchial tumor. Rees LH, et al.

J Clin Endocrinol Metab 38:1090-7, Jun 74

[Oxytocic activity measurements in blood plasma of cows during milking] Barowicz T, et al.

Endokrynol Pol 25:83-93, Mar-Apr 74 (Eng. Abstr.) (Pol)

CHEMICAL SYNTHESIS

Synthesis of (2-p-fluorophenylalanine)oxytocin and its desamino analogue using the S-acetamidomethyl protecting group. Marbach P, et al.

Helv Chim Acta 57:403-14, Feb 74

METABOLISM

Divergent effects of infused progesterone on the reflexive release of oxytocin in ovariectomized goats variously treated with 17beta-estradiol. Roberts JS.

Endocrinology 94:1531-5, Jun 74

[Molecular relationship of oxytocin and neurophysin in the neurohypophysis and hypothalamus of the rat--radioimmunoassay] Fabert VG, et al.

Endokrinologie 62:291-6, 1973 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

The in vitro effect of progesterone and oestrogens on the spontaneous and oxytocin-induced activity of the human myometrium. Barnafi L, et al.

Acta Endocrinol (Kbh) 76:172-7, May 74

A new in vitro method for assay of the biological activity of growth hormone. Saxena RK, et al.

Acta Endocrinol (Kbh) 76:248-59, Jun 74

The role of the internal cross-link in oxytocin.

Preparation of mercury mercaptide oxytocin derivatives. Sperling R, et al.

Biochemistry 13:2347-53, 21 May 74

The effect of oxytocin on the oxidoreductive activity and spermatogenesis in the rabbit testicle. Wójcik K, et al.

Folia Histochem Cytochem (Krakow) 12:53-8, 1974

Effects of hypothalamic deafferentation late in gestation on lactation and nursing behavior in the rat. Herrenkohl LR, et al. *Horm Behav* 5:33-41, Mar 74

Effect of suckling and associated factors on ovarian compensatory hypertrophy during lactation in the rat.

Mena F, et al. *J Endocrinol* 61:317-30, Jun 74

The effect of oxytocin on sperm transport in ovariectomized, oestrogen-treated rabbits. Morton DB, et al. *J Endocrinol* 61:139-45, Apr 74

Lanthanum inhibition of the action of oxytocin on the water permeability of the frog urinary bladder: effect on the serosal and the apical membrane. Wietzerbin J, et al. *J Membr Biol* 17:27-40, 1974

The effect of hypophysial hormones and human chorionic gonadotrophin (HCG) on the anencephalic fetal adrenal cortex and on parturition in the human. Honnebier WJ, et al.

J Obstet Gynaecol Br Commonw 81:423-38, Jun 74

Proceedings: Regional differences in the sensitivity to several bioactive peptides in the venous system of dog. Tsuru H, et al. *Jap J Pharmacol* 24:Suppl:76, 1974

Routine birth induction in rabbits using oxytocin.

Morgan DR. *Lab Anim* 8:127-30, May 74

Progesterone concentration, intraluminal pressure and electrical activity of the guinea-pig uterus. Porter DG, et al. *N Engl J Med* 291:255-63, 11 Jun 74

Uterine rupture following attempted saline abortion with oxytocin in a grandmultiparous patient. Horwitz DA. *Obstet Gynecol* 43:921-2, Jun 74

The ability of hypothalamic extracts to lower blood prolactin levels in lactating rats. Kuhn E, et al.

Proc Soc Exp Biol Med 146:104-8, May 74

[Variable effects of oxytocin and kinins on the intramammary pressure of a lactating ewe] Peeters G, et al.

Ann Biol Anim Biochim Biophys 13:177-85, 1973 (Eng. Abstr.) (Fre)

[Inhibition of lactation by

- N-(D-6-methyl-8-isoergolin-1-yl)-N',N'-diethylurea (VUFB-6638)] Ausková M, et al.
Experientia 30:393-4, 15 Apr 74 (Ger)
 [Secretion dynamics of prolactin in livestock] Kamiya T.
Clin Endocrinol (Tokyo) 22:343-51, Mar 74 (60 ref.) (Jap)
 [Action of insulin and oxytocin on the lipolytic activity of rat adipose tissue] Vasil'eva LE.
Vopr Med Khim 20:265-8, May 74 (Eng. Abstr.) (Rus)
 [Effect of N-butyl hyoscine bromide on the 1st period of labor] Romero Salinas G, et al.
Ginecol Obstet Mex 35:291-9, Mar 74 (Eng. Abstr.) (Spa)

PHYSIOLOGY

- [Structure and function of hypothalamic hormones] Klimek R. *Folia Med Cracov* 16:120, 1974 (Pol)
 [Structure and properties of hypophyseal hormones. 1. Peptide hormones of the pituitary gland] Pankov IuA.
Probl Endokrinol (Mosk) 20:106-14, Mar-Apr 74 (Rus)

SECRETION

- Ectopic hormone production by non-endocrine tumours. Rees LH, et al.
Clin Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)
 Towards a neurophysiological basis for ovulation. Cross BA. *J Reprod Fertil [Suppl]* 20:97-117, Dec 73 (48 ref.)

THERAPEUTIC USE

- Managing incomplete abortion. Little HM Jr.
Am Fam Physician 9:137-42, May 74
 The intra-amniotic administration of prostaglandin f-2-alpha with intravenous oxytocin for the induction of midtrimester abortion. Laitinen S, et al.
Ann Chir Gynaecol Fenn 63:35-8, 1974
 Gynecology. Kirk ME. *Hum Pathol* 5:253-64, May 74
 [Induced abortion after the 12th week of pregnancy employing prostaglandin F2alpha administered extra-amnially] Gregersen E, et al.
Ugeskr Laeger 136:1292-5, 10 Jun 74 (Eng. Abstr.) (Dan)
 [The agalactia complex in the sow: a review (author's transl)] Penny RH.
Tijdschr Diergeneesk 97:157-64, 1 Feb 72 (Eng. Abstr.) (Dut)
 [Effect of deaminooxytocin on blood loss during the 3rd stage of labor] Filipowicz K.
Folia Med Cracov 16:217-34, 1974 (Eng. Abstr.) (Pol)

PITUITARY HORMONES

- Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. Diliberto EJ Jr, et al. *Proc Natl Acad Sci USA* 71:1701-4, May 74

BIOSYNTHESIS

- The neurophysins. Breslow E.
Adv Enzymol 40:271-333, 1974 (139 ref.)

METABOLISM

- Differentiation between the steroidogenic effects of cholera enterotoxin and adrenocorticotropin through use of a mutant adrenal cell line. Donta ST.
J Infect Dis 129:728-31, Jun 74

PHARMACODYNAMICS

- Protein and peptide hydrolases of the rat hypothalamus and pituitary. Marks N, et al.
J Neurochem 22:735-9, May 74
 The effect of hypophysial hormones and human chorionic gonadotrophin (HCG) on the anencephalic fetal adrenal cortex and on parturition in the human. Honnebler WJ, et al.
J Obstet Gynaecol Br Commonw 81:423-38, Jun 74
 [Studies of the variability of action of pituitary hormones. I. TSH] De Luca R, et al.
Boll Soc Ital Biol Sper 49:615-8, 15 Jul 73 (Ita)
 [Studies of the variability of action of pituitary hormones. II. Tetracosactide and STH] De Luca R, et al.
Boll Soc Ital Biol Sper 49:619-21, 15 Jul 73 (Ita)

PHYSIOLOGY

- Proceedings: Hormones and other factors controlling growth in the mammary gland: a review. Ceriani RL.
J Invest Dermatol 63:93-108, Jul 74 (215 ref.)
 Proceedings: Neuroendocrinology of lactation. Meltes J. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)
 Proceedings: Hormonal regulation of breast development and activity. Porter JC.
J Invest Dermatol 63:85-92, Jul 74 (77 ref.)
 [Structure and function of hypothalamic hormones] Klimek R. *Folia Med Cracov* 16:120, 1974 (Pol)

SECRETION

- Pituitary gland polyribosomal function in rats bearing pituitary hormone-secreting tumors. Reagen CR, et al.
Biochim Biophys Acta 353:77-88, 14 Jun 74
 Proceedings: Effect of growth hormone release inhibiting hormone on the release of growth hormone and other pituitary hormones in man. Schally AV, et al.
Cell Tissue Res 148:313-29, 30 Apr 74

PITUITARY HORMONES, ANTERIOR

- A comparative ultrastructural study of the pars tuberalis of various mammals, the chicken and the newt. Dellmann HD, et al.
Cell Tissue Res 148:313-29, 30 Apr 74

ANALYSIS

- Human amniotic fluid prolactin. Purification by affinity chromatography and amino-terminal sequence. Hwang P, et al. *Biochemistry* 13:2354-8, 21 May 74
 Cross-reactivity of monkey pituitary extracts in human radioimmunoassays. Hummel BC, et al.
Gen Comp Endocrinol 23:143-53, Jun 74
 [Structure and properties of hypophyseal hormones. 1. Peptide hormones of the pituitary gland] Pankov IuA.
Probl Endokrinol (Mosk) 20:106-14, Mar-Apr 74 (Rus)

BIOSYNTHESIS

- In vitro synthesis of an ACTH-like hormone and human chorionic somatomammotrophin by placental and amniotic cells. Genazzani AR, et al.
Experientia 30:430-2, 15 Apr 74

BLOOD

- Effect of L-dopa on plasma HGH, LH, FSH and 11-OH-CS in normal adult subjects. Delitala G, et al.
Folia Endocrinol (Roma) 27:279-89, Jun 74

METABOLISM

- Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al. *Int J Cancer* 12:100-14, 15 Jul 73

PHYSIOLOGY

- Endocrine profiles in the clinical laboratory. Bacchus H. *Prog Clin Pathol* 4:1-110, 1972 (217 ref.)
 [Advances in reproduction endocrinology of domestic animals. II. Neurotransmitters, neurohormones, hormones of the adenohypophysis] Ellendorff, et al.
Dtsch Tierärztl Wochenschr 81:210-4 concl, May 74 (Eng. Abstr.) (Ger)
 [Advances in the endocrinology of reproduction of domestic animals. 2. Neurotransmitters, neurohormones, hormones of the adenohypophysis] Ellendorff F, et al.
Dtsch Tierärztl Wochenschr 81:185-8 contd, 15 Apr 74 (Ger)
 [The lipotropins (author's transl)] Schwandt P.
Klin Wochenschr 52:153-65, 15 Feb 74 (105 ref.) (Eng. Abstr.) (Ger)

SECRETION

- Hypothalamic control of anterior pituitary hormone secretion—characterized hypothalamic-hypophysiotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
 Hypothalamic regulatory hormones: a review. Beaser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
 Hypothesis: hypothalamic dysfunction and lipotrophic

- diabetes. Upton GV, et al.
Yale J Biol Med 46:314-23, Oct 73 (43 ref.)
 [Anterior pituitary insufficiency] Shizume K.
Clin Endocrinol (Tokyo) 22:2-5, Jan 74 (Jap)
 [Senescence and hormones] Ibayashi H, et al.
Jap J Clin Med 32:20-9, Jan 74 (40 ref.) (Jap)

PITUITARY HORMONES, POSTERIOR

The relationship between the chemical structure and hypotensive activity of a series of new benzimidazole and quinoxaline derivatives] Kovalev GV, et al.
Farmakol Toksikol 36:232-8, Mar-Apr 73 (Eng. Abstr.) (Rus)

ANALYSIS

- Radioimmunoassays. Parker CW.
Frog Clin Pathol 4:103-41, 1972 (164 ref.)
 [Structure and properties of hypophyseal hormones. 1. Peptide hormones of the pituitary gland] Pankov IuA.
Probl Endokrinol (Mosk) 20:106-14, Mar-Apr 74 (Rus)

PROLACTIN

- The TSH, FSH and prolactin responses to continuous infusions of TRH and the effects of oestrogen administration in normal males. Mortimer CH, et al.
Clin Endocrinol (Oxf) 3:97-103, Apr 74
 Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. Diliberto EJ Jr, et al.
Proc Natl Acad Sci USA 71:1701-4, May 74
 Human pituitary growth hormone: Isolation and properties of two biologically active fragments from plasmin digests. Li CH, et al.
Proc Natl Acad Sci USA 71:1197-201, Apr 74

ADMINISTRATION & DOSAGE

- Bioassay of growth hormone and prolactin preparations by determination of longitudinal bone growth with tetracycline. Thorngren KG, et al.
Acta Endocrinol (Kbh) 76:35-52, May 74
 The effects of prolactin on the responses of the isolated mesenteric artery of the rat to noradrenaline. Muriuki PB, et al.
East Afr Med J 51:232-5, Feb 74
 Letter: Prolactin and hypercalcaemia. Mahajan KK, et al.
Lancet 1:1237-8, 15 Jun 74
 Radioimmunoassay of endogenous and exogenous prolactin in milk of rats. McMurtry JP, et al.
N Engl J Med 291:211-7, 11 Jun 74

ANALYSIS

- Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al.
Am J Obstet Gynecol 118:337-43, 1 Feb 74 (43 ref.)
 Human amniotic fluid prolactin. Purification by affinity chromatography and amino-terminal sequence. Hwang P, et al.
Biochemistry 13:2354-8, 21 May 74
 Effects of electrical stimulation of the brain on gonadotropin secretion in male rats. Kawakami M, et al.
Endocrinol Jap 20:447-54, Oct 73
 Separation of pituitary mammothrophs from the female rat by velocity sedimentation at unit gravity. Hymer WC, et al.
Endocrinology 95:107-22, Jul 74
 Cross-reactivity of monkey pituitary extracts in human radioimmunoassays. Hummel BC, et al.
Gen Comp Endocrinol 23:143-53, Jun 74
 Editorial: Human prolactin comes of age.
J Assoc Physicians India 21:707-8, Aug 73
 Report of the National Pituitary Agency. Collaborative study of the radioimmunoassay of human prolactin. Aubert ML, et al.
J Clin Endocrinol Metab 38:1115-20, Jun 74
 Measurement of prolactin in milk by radioimmunoassay. Malven PV, et al.
J Dairy Sci 57:411-5, Apr 74
 Plasma corticosterone concentrations and pituitary prolactin content in the pregnancy and their within-day fluctuations in the rat. Ota K, et al.
J Endocrinol 61:21-8, Apr 74
 Ultrastructural immunocytochemical localization of prolactin in rat anterior pituitary by use of the unlabeled antibody enzyme method. Parsons JA, et al.
J Histochem Cytochem 22:340-51, May 74
 Radioimmunoassay of endogenous and exogenous

- prolactin in milk of rats. McMurtry JP, et al.
N Engl J Med 291:211-7, 11 Jun 74
 Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the C3H-ST mouse. Sinha YN, et al.
N Engl J Med 291:219-29, 11 Jun 74

ANTAGONISTS & INHIBITORS

- Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al.
Am J Obstet Gynecol 118:337-43, 1 Feb 74 (43 ref.)
 Long-term treatment of galactorrhoea and hypogonadism with bromocriptine. Thorner MO, et al.
Br Med J 2:419-22, 25 May 74
 Total blockade of phasic pituitary prolactin release in rats: effect on serum LH and progesterone during the estrous cycle and pregnancy. Döhler KD, et al.
Endocrinology 94:1595-600, Jun 74
 Clinical and hormonal response to bromocriptin (CB-154) in the galactorrhea syndromes. Del Pozo E, et al.
J Clin Endocrinol Metab 39:18-26, Jul 74
 Proceedings: Neuroendocrinology of lactation. Meites J.
J Invest Dermatol 63:119-24, Jul 74 (27 ref.)
 Is prolactin involved in precipitating migraine? Nader S, et al.
Lancet 2:17-9, 6 Jul 74
 Proceedings: Studies on subcellular zinc distribution in relation to hormone levels in rat prostatic tissue using the electron microscope microanalyser, EMMA. Chandler JA, et al.
N Engl J Med 291:1141-1146, 11 Jun 74
 Proceedings: The luteotrophic and lactogenic activities of prolactin, human chorionic somatomammotrophin and mouse placental extract on mice treated with an ergocornine derivative. Zumpe N, et al.
N Engl J Med 291:1141-1146, 11 Jun 74
 Catecholamines and the control of prolactin secretion in humans. Frantz AG.
Frog Brain Res 39:311-22, 1973

BIOSYNTHESIS

- Studies on the endocrine glands of a salmonoid fish, the Ayu, *Plecoglossus altivelis* Temminck et Schlegel-IX. Seasonal changes in the cells of the adenohypophysis, especially the prolactin producing cells. Honma Y, et al.
Arch Histol Jap 36:237-50, Jan 74
 Receptor-binding affinities and biological activities of analogs of thyrotropin-releasing hormone in prolactin-producing pituitary cells in culture. Hinkle PM, et al.
J Clin Invest 53:3085-90, Jun 74
 [Effect of a new derivative of cyclic AMP on the liberation and synthesis of growth hormone and pituitary prolactin] Cehovic G, et al.
C R Acad Sci [D] (Paris) 277:2057-60, 12 Nov 73 (Fre)

BLOOD

- Homologous radioimmunoassay of thyrotrophin in rat plasma. Kleffer JD, et al.
Acta Endocrinol (Kbh) 76:495-505, Jul 74
 The immediate response of the plasma prolactin level to oestrogen and progesterone infusions in bulls. Schams D, et al.
Acta Endocrinol (Kbh) 76:242-7, Jun 74
 Human growth hormone. A symposium. Maclaren NK, et al.
Am J Dis Child 127:906-8, Jun 74
 Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al.
Am J Obstet Gynecol 118:337-43, 1 Feb 74 (43 ref.)
 An integrated direct functional test of the adenohypophysis. Rakoff J, et al.
Am J Obstet Gynecol 119:358-68, 1 Jun 74
 Plasma prolactin, LH, and corticosterone in rats exposed to a novel environment. Baldwin DM, et al.
Am J Physiol 226:1366-9, Jun 74
 Affective state and thyrotropin and prolactin responses after repeated injections of thyrotropin-releasing hormone in depressed patients. Ehrensing RH, et al.
Am J Psychiatry 131:714-8, Jun 74
 Letter: Sarcoidosis and hyperprolactinemia. Malarkey WB, et al.
Ann Intern Med 81:116, Jul 74
 The effects of phenothiazines on endocrine function: II. Effects in men and post-menopausal women. Beumont PJ, et al.
Br J Psychiatry 124:420-30, May 74
 The effects of phenothiazines on endocrine function: I. Patients with inappropriate lactation and amenorrhoea. Beumont PJ, et al.
Br J Psychiatry 124:413-9, May 74

- Prolactin and mental illness. Horrobin DF. *Br J Psychiatry* 124:456-7, May 74
- Long-term treatment of galactorrhoea and hypogonadism with bromocriptine. Thorner MO, et al. *Br Med J* 2:419-22, 25 May 74
- Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al. *Brain Res* 74:279-303, 12 Jul 74
- Circulating levels of prolactin during the menstrual cycle. McNelly AS, et al. *Clin Endocrinol (Oxf)* 3:105-12, Apr 74
- Successful treatment of galactorrhoea and amenorrhoea and subsequent restoration of ovarian function by a new ergot alkaloid 2-brom-alpha-ergocryptine. Rolland R, et al. *Clin Endocrinol (Oxf)* 3:155-66, Apr 74
- Effects of electrical stimulation of the brain on gonadotropin secretion in male rats. Kawakami M, et al. *Endocrinol Jap* 20:447-54, Oct 73
- Serum prolactin levels during ovulatory menstrual cycle and menstrual disorders in women. Tamura S, et al. *Endocrinol Jap* 20:483-8, Oct 73
- Plasma concentration of LH, FSH, prolactin, progesterone and estradiol-17beta throughout the 4-day estrous cycle of the rat. Butcher RL, et al. *Endocrinology* 94:1704-8, Jun 74
- Total blockade of placental prolactin release in rats: effect on serum LH and progesterone during the estrous cycle and pregnancy. Döhler KD, et al. *Endocrinology* 94:1595-600, Jun 74
- Temporal aspects of the regulation of corpus luteum function by luteinizing hormone, prolactin and placental luteotrophin during the first half of pregnancy in the rat. Morishige WK, et al. *Endocrinology* 95:260-74, Jul 74
- Effect of blockade of dopaminergic receptors on prolactin and LH release: median eminence and pituitary sites of action. Ojeda SR, et al. *Endocrinology* 94:1560-7, Jun 74
- Stimulation of prolactin release in vivo by thyrotropin-releasing hormone (TRH) through direct action on the ectopic rat pituitary. Porteus SE, et al. *Endocrinology* 94:1699-703, Jun 74
- Inhibition of rat prolactin release by apomorphine in vivo and in vitro. Smalstig EB, et al. *Endocrinology* 95:123-9, Jul 74
- Effects of some psychoactive agents on prolactin secretion in rats of different endocrine states. Clemens JA, et al. *Horm Metab Res* 6:187-90, May 74
- Prolactin and thyrotropin in thyroid diseases: lack of evidence for a physiological role of thyrotropin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al. *Horm Metab Res* 6:190-5, May 74
- Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al. *Int J Cancer* 11:90-4, 15 Jan 73
- Comparative effects of hypophysectomy, ergocornine and ergocornine-reserpine treatments on rat mammary carcinoma. Welsch CW, et al. *Int J Cancer* 12:206-12, 15 Jul 73
- Editorial: Human prolactin comes of age. *J Assoc Physicians India* 21:707-8, Aug 73
- Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al. *J Clin Endocrinol Metab* 38:1083-9, Jun 74
- Clinical and hormonal response to bromocriptin (CB-154) in the galactorrhea syndromes. Del Pozo E, et al. *J Clin Endocrinol Metab* 39:18-26, Jul 74
- Inhibition by apomorphine of prolactin secretion in patients with elevated serum prolactin. Martin JB, et al. *J Clin Endocrinol Metab* 39:180-2, Jul 74
- Studies of prolactin and TSH secretion by continuous infusion of small amounts of thyrotropin-releasing hormone (TRH). Noel GL, et al. *J Clin Endocrinol Metab* 39:6-17, Jul 74
- Multiple hormones in a bronchial tumor. Rees LH, et al. *J Clin Endocrinol Metab* 38:1090-7, Jun 74
- Serum growth hormone and prolactin response to thyrotropin-releasing hormone in patients with acromegaly before and after surgery. Samaan NA, et al. *J Clin Endocrinol Metab* 38:957-63, Jun 74
- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. *J Clin Invest* 53:1588-98, Jun 74
- DNA synthesis and the secretion of prolactin and growth hormone by the pituitary gland of the male rat: effects of diethylstilboestrol and 2-bromo-alpha-ergocryptine methanesulphonate. Davies C, et al. *J Endocrinol* 61:411-7, Jun 74
- Prolactin response to thyrotrophin releasing hormone in thyrotoxicosis. Toft AD, et al. *J Endocrinol* 61:515-6, Jun 74
- Luteotrophic factors in the sheep. Denamur R. *J Reprod Fertil* 38:251-9, Jun 74 (65 ref.)
- The demonstration that PGF2alpha is the uterine luteolysin in the ewe. Goding JR. *J Reprod Fertil* 38:261-71, Jun 74 (54 ref.)
- Letter: Prolactin levels in gynecomastia related to Klinefelter's syndrome. Hagen C, et al. *Lancet* 2:57, 6 Jul 74
- Letter: Diabetic retinopathy and prolactin. Hunter PR, et al. *Lancet* 1:1237, 15 Jun 74
- Letter: Prolactin and hypercalcaemia. Mahajan KK, et al. *Lancet* 1:1237-8, 15 Jun 74
- Hypothalamic-pituitary-prolactin axis in breast cancer. Mittra I, et al. *Lancet* 1:889-91, 11 May 74
- Is prolactin involved in precipitating migraine? Nader S, et al. *Lancet* 2:17-9, 6 Jul 74
- Editorial: The thyroid, prolactin, and breast cancer. *Lancet* 1:908-9, 11 May 74
- Proceedings: Studies on subcellular zinc distribution in relation to hormone levels in rat prostatic tissue using the electron microscope microanalyser, EMMA. Chandler JA, et al. *N Engl J Med* 291:1161-1163, 11 Jun 74
- Proceedings: Effect of active immunization against oestradiol-6-bovine serum albumin on circulating levels of oestradiol, testosterone, luteinizing hormone, follicle-stimulating hormone, prolactin and anti-oestradiol titre in the male rat. Hillier SG, et al. *N Engl J Med* 291:1111, 11 Jun 74
- Short-term variation in blood levels of prolactin, luteinizing hormone and follicle-stimulating hormone in normal men throughout the day. McNelly AS, et al. *N Engl J Med* 291:301-2, 11 Jun 74
- Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the CSH-ST mouse. Sinha YN, et al. *N Engl J Med* 291:219-29, 11 Jun 74
- Proceedings: Introduction of a new stimulation test for prolactin: the sulpride test; a comparison with other dynamic function tests. Thorner MD, et al. *N Engl J Med* 291:1111, 11 Jun 74
- Inhibition of prolactin secretion by cholinergic drug. Grandison L, et al. *Proc Soc Exp Biol Med* 145:1236-9, Apr 74
- The ability of hypothalamic extracts to lower blood prolactin levels in lactating rats. Kuhn E, et al. *Proc Soc Exp Biol Med* 146:104-8, May 74
- Plasma prolactin and luteinizing hormone levels in anorexia nervosa. Beumont PJ, et al. *Psychol Med* 4:219-21, May 74
- Corticosterone, prolactin, and growth hormone responses to handling and new environment in the rat. Brown GM, et al. *Psychosom Med* 36:241-7, May-Jun 74
- [Normal and abnormal secretion dynamics of prolactin in the fields of gynecology and obstetrics] Ebara Y, et al. *Clin Endocrinol (Tokyo)* 22:352-60, Mar 74 (67 ref.) (Jap)
- [Dynamics of prolactin in human blood] Inoue K, et al. *Clin Endocrinol (Tokyo)* 22:358-72, Mar 74 (42 ref.) (Jap)
- [Determination of prolactin] Kato Y, et al. *Clin Endocrinol (Tokyo)* 22:333-41, Mar 74 (25 ref.) (Jap)
- [Relation between prolactin and breast cancer] Nagasawa H. *Clin Endocrinol (Tokyo)* 22:373-9, Mar 74 (54 ref.) (Jap)

DIAGNOSTIC USE

- Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al. *Am J Obstet Gynecol* 118:337-43, 1 Feb 74 (43 ref.)

ISOLATION & PURIFICATION

- Human amniotic fluid prolactin. Purification by affinity chromatography and amino-terminal sequence. Hwang P, et al. *Biochemistry* 13:2354-8, 21 May 74
- Proceedings: Fractionation and assay of chicken prolactin. Bolton N, et al. *J Physiol (Lond)* 238:1P-2P, Apr 74
- [Chemical aspects and function of prolactin] Matsuzaki

F.
Clin Endocrinol (Tokyo) 22:323-31, Mar 74 (30 ref.)
(Jap)

METABOLISM

- An integrated direct functional test of the adenohypophysis. Rakoff J, et al.
Am J Obstet Gynecol 119:358-68, 1 Jun 74
- Stimulation of prolactin release in vivo by thyrotropin-releasing hormone (TRH) through direct action on the ectopic rat pituitary. Porteus SE, et al.
Endocrinology 94:1699-703, Jun 74
- Prolactin and thyrotropin in thyroid diseases: lack of evidence for a physiological role of thyrotropin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al.
Horm Metab Res 6:190-5, May 74
- Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al. Int J Cancer 11:90-4, 15 Jan 73
- Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al. Int J Cancer 12:100-14, 15 Jul 73
- Hypothalamic regulatory hormones: a review. Beaser GM, et al. J Clin Pathol 27:173-84, Mar 74 (99 ref.)
- Radioimmunoassay of endogenous and exogenous prolactin in milk of rats. McMurtry JP, et al.
N Engl J Med 291:211-7, 11 Jun 74

PHARMACODYNAMICS

- Possible mode of action of clomiphene. Chatterjee A, et al. Acta Endocrinol (Kbh) 75:173-80, Jan 74
- Luteolytic effects of prostaglandins in rat pregnancy, and reversal by luteinizing hormone. Fuchs AR, et al.
Acta Endocrinol (Kbh) 76:583-96, Jul 74
- A new in vitro method for assay of the biological activity of growth hormone. Saxena RK, et al.
Acta Endocrinol (Kbh) 76:248-59, Jun 74
- Bioassay of growth hormone and prolactin preparations by determination of longitudinal bone growth with tetracycline. Thorngren KG, et al.
Acta Endocrinol (Kbh) 76:35-52, May 74
- Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al.
Acta Endocrinol (Kbh) 76:392-402, Jun 74
- Ultrastructural changes in vaginal epithelium of mice neonatally treated with estrogen and prolactin. Mori R, et al. Anat Rec 179:225-40, Jun 74
- An inhibitory action of prolactin on isolated rabbit myometrium. Mati JK, et al.
East Afr Med J 51:228-31, Feb 74
- The effects of prolactin on the responses of the isolated mesenteric artery of the rat to noradrenaline. Muriuki PB, et al. East Afr Med J 51:232-5, Feb 74
- Temporal aspects of the regulation of corpus luteum function by luteinizing hormone, prolactin and placental luteotrophin during the first half of pregnancy in the rat. Morishige WK, et al.
Endocrinology 95:260-74, Jul 74
- Effects of prolactin and thyroxine on the visual pigments of trout, *Salmo gairdneri*. Cristy M.
Gen Comp Endocrinol 23:58-62, May 74
- Studies on the function of glucocorticoid in mouse mammary epithelial cell differentiation in vitro. Stimulation of glucose 6-phosphate dehydrogenase. Oka T, et al. J Biol Chem 249:3588-91, 10 Jun 74
- Effect of the anabolic protein hormone prolactin on human erythropoiesis. Jepson JH, et al.
J Clin Pharmacol 5:296-300, May-Jun 74
- Modifications in ovarian and pituitary function in the hysterectomized pregnant hamster. Greenwald GS.
J Endocrinol 61:45-51, Apr 74
- Proceedings: Effects of prolactin on the responses of rat aortic wall strips to noradrenaline. Manku MS, et al. J Endocrinol 61:viii, Apr 74
- The effect of ergocornine on melanophores of *Ambystoma tigrinum*: evidence for suppression of pituitary MSH release. Platt JE, et al.
J Exp Zool 189:7-12, Jul 74
- Letter: Prolactin and hypercalcaemia. Mahajan KK, et al. Lancet 1:1237-8, 15 Jun 74
- Proceedings: The luteotrophic and lactogenic activities of prolactin, human chorionic somatomammotrophin and mouse placental extract on mice treated with an ergocornine derivative. Zumpe N, et al.
N Engl J Med 291:1xx, 11 Jun 74
- Hormonally enhanced proliferation of human breast

cancer in organ culture. An in vitro system for assessment of specific hormonal response. Laglos MD.
Oncology 29:22-33, 1974

- [Inhibition of lactation by N-(D-6-methyl-8-isoergolin-1-yl)-N',N'-diethylurea (VUFB-6638)] Ausková M, et al.
Experientia 30:393-4, 15 Apr 74 (Ger)
- [Significance of prolactin in man] Kumamoto E, et al.
Clin Endocrinol (Tokyo) 22:361-7, Mar 74 (36 ref.)
(Jap)
- [Chemical aspects and function of prolactin] Matsuzaki F.
Clin Endocrinol (Tokyo) 22:323-31, Mar 74 (30 ref.)
(Jap)

PHYSIOLOGY

- Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al.
Am J Obstet Gynecol 118:337-43, 1 Feb 74 (43 ref.)
- Editorial: Human prolactin comes of age.
J Assoc Physicians India 21:707-8, Aug 73
- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al.
J Clin Invest 53:1588-98, Jun 74
- Hormones and neoplasia. Forrest AP.
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)
- Proceedings: Hormones and other factors controlling growth in the mammary gland: a review. Ceriani RL.
J Invest Dermatol 63:93-108, Jul 74 (215 ref.)
- Proceedings: Epidemiology of human breast cancer. Cole P. J Invest Dermatol 63:133-7, Jul 74 (33 ref.)
- Proceedings: Neuroendocrinology of lactation. Meltes J. J Invest Dermatol 63:119-24, Jul 74 (27 ref.)
- Luteotrophic factors in the sheep. Denamur R.
J Reprod Fertil 38:251-9, Jun 74 (65 ref.)
- Is prolactin involved in precipitating migraine? Nader S, et al. Lancet 2:17-9, 6 Jul 74
- [Normal and abnormal secretion dynamics of prolactin in the fields of gynecology and obstetrics] Ebara Y, et al.
Clin Endocrinol (Tokyo) 22:352-60, Mar 74 (67 ref.)
(Jap)
- [Chemical aspects and function of prolactin] Matsuzaki F.
Clin Endocrinol (Tokyo) 22:323-31, Mar 74 (30 ref.)
(Jap)

SECRETION

- Irreversible inhibition of pituitary prolactin and growth hormone secretion and of mammary gland development in mice by monosodium glutamate administered neonatally. Nagasawa H, et al.
Acta Endocrinol (Kbh) 75:249-59, Feb 74
- Sex hormones--effects on prolactin cells. el Etreby MF, et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
- Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al.
Am J Obstet Gynecol 118:337-43, 1 Feb 74 (43 ref.)
- Prolactin and mental illness. Horrobin DF.
Br J Psychiatry 124:456-7, May 74
- Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al.
Brain Res 74:279-303, 12 Jul 74
- Stability of secretory granules containing growth hormone and prolactin from bovine anterior pituitary gland. Lemay A, et al. Can J Biochem 52:327-35, Apr 74
- The cell-types in the adenohypophysis of the Indian catfish *Heteropneustes fossilis* (Bloch). Baker BI, et al. Cell Tissue Res 148:347-58, 30 Apr 74
- Ectopic hormone production by non-endocrine tumours. Rees LH, et al.
Clin Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)
- Hypothalamic control of anterior pituitary hormone secretion--characterized hypothalamic-hypophysiotropic peptides. Grant GF, et al. Curr Top Exp Endocrinol 2:37-72, 1974
- Pituitary-ovarian interrelationships in the rat. Neill JD, et al. Curr Top Exp Endocrinol 2:73-106, 1974
- Total blockade of phasic pituitary prolactin release in rats: effect on serum LH and progesterone during the estrous cycle and pregnancy. Döhler KD, et al.
Endocrinology 94:1595-600, Jun 74

- Effects of some psychoactive agents on prolactin secretion in rats of different endocrine states. Clemens JA, et al. *Horm Metab Res* 6:187-90, May 74
- Prolactin and thyrotropin in thyroid diseases: lack of evidence for a physiological role of thyrotropin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al. *Horm Metab Res* 6:190-5, May 74
- Editorial: The rhythm theory. Kahn A Jr. *J Arkansas Med Soc* 71:66-7, Jun 74
- Inhibition by apomorphine of prolactin secretion in patients with elevated serum prolactin. Martin JB, et al. *J Clin Endocrinol Metab* 39:180-2, Jul 74
- Studies of prolactin and TSH secretion by continuous infusion of small amounts of thyrotropin-releasing hormone (TRH). Noel GL, et al. *J Clin Endocrinol Metab* 39:6-17, Jul 74
- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. *J Clin Invest* 53:1588-98, Jun 74
- Tumour-associated hormonal products. Landon J, et al. *J Clin Pathol [Suppl]* 7:127-34, 1974 (58 ref.)
- Twenty-four hour secretory profiles of ovine prolactin and growth hormone. Chamley WA, et al. *J Endocrinol* 61:165-6, Apr 74
- DNA synthesis and the secretion of prolactin and growth hormone by the pituitary gland of the male rat: effects of diethylstilboestrol and 2-bromo-alpha-ergocryptine methanesulphonate. Davies C, et al. *J Endocrinol* 61:411-7, Jun 74
- Action of growth hormone release inhibitory hormone on prolactin release in rat pituitary cell cultures. Grant NH, et al. *J Endocrinol* 61:163-4, Apr 74
- Prolactin response to thyrotropin releasing hormone in thyrotoxicosis. Toft AD, et al. *J Endocrinol* 61:515-6, Jun 74
- Proceedings: The effect of thyrotropin releasing factor on the secretion of thyroid stimulating hormone and prolactin from the chicken anterior pituitary gland. Bolton N, et al. *J Physiol (Lond)* 238:78P-79P, Apr 74
- Luteotrophic factors in the sheep. Denamur R. *J Reprod Fertil* 38:251-9, Jun 74 (65 ref.)
- Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al. *J Reprod Fertil [Suppl]* 20:43-59, Dec 73 (32 ref.)
- Letter: Diabetic retinopathy and prolactin. Hunter PR, et al. *Lancet* 1:1237, 15 Jun 74
- Hypothalamic-pituitary-prolactin axis in breast cancer. Mittra I, et al. *Lancet* 1:889-91, 11 May 74
- Is prolactin involved in precipitating migraine? Nader S, et al. *Lancet* 2:17-9, 6 Jul 74
- Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the C3H-ST mouse. Sinha YN, et al. *N Engl J Med* 291:219-29, 11 Jun 74
- Proceedings: Prolactin secretion by sheep foetal pituitaries maintained in organ culture. Thomas SJ, et al. *N Engl J Med* 291:88, 11 Jun 74
- Inhibition of prolactin secretion by cholinergic drug. Grandison L, et al. *Proc Soc Exp Biol Med* 145:1236-9, Apr 74
- Catecholamines and the control of prolactin secretion in humans. Frantz AG. *Frog Brain Res* 39:311-22, 1973
- The role of brain monoamines and pineal indoles in the secretion of gonadotrophins and gonadotrophin-releasing factors. Kamherl IA. *Frog Brain Res* 39:261-80, 1973
- Plasma prolactin and luteinizing hormone levels in anorexia nervosa. Beumont PJ, et al. *Psychol Med* 4:219-21, May 74
- Corticosterone, prolactin, and growth hormone responses to handling and new environment in the rat. Brown GM, et al. *Psychosom Med* 36:241-7, May-Jun 74
- [Normal and abnormal secretion dynamics of prolactin in the fields of gynecology and obstetrics] Ebara Y, et al. *Clin Endocrinol (Tokyo)* 22:352-60, Mar 74 (67 ref.) (Jap)
- [Secretion dynamics of prolactin in livestock] Kamiya T. *Clin Endocrinol (Tokyo)* 22:343-51, Mar 74 (60 ref.) (Jap)
- [Significance of prolactin in man] Kumamoto E, et al. *Clin Endocrinol (Tokyo)* 22:361-7, Mar 74 (36 ref.) (Jap)
- [Relation between prolactin and breast cancer] Nagasawa H.

- Clin Endocrinol (Tokyo)* 22:373-9, Mar 74 (54 ref.) (Jap)
- [Effects of reserpine on the ovulation (author's transl)] González-Barón S, et al. *Rev Esp Fisiol* 29:189-95, Sept 73 (Eng. Abstr.) (Spa)

THERAPEUTIC USE

- Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier FJ, et al. *Am J Obstet Gynecol* 118:337-43, 1 Feb 74 (43 ref.)
- Effect of the anabolic protein hormone prolactin on human erythropoiesis. Jepson JH, et al. *J Clin Pharmacol* 5:296-300, May-Jun 74
- [Letter: L. Dopa and bone metastases in breast cancer] Ghosian D, et al. *Nouv Presse Med* 3:678, 16 Mar 74 (Fre)

SOMATOTROPIN

- Human growth hormone. A symposium. Maclaren NK, et al. *Am J Dis Child* 127:906-8, Jun 74
- Action of plasmin on oxidized bovine growth hormone. Gráf L, et al. *Arch Biochem Biophys* 161:691-5, 2 Apr 74
- Advances in human growth hormone research. Raiti S, et al. *Fed Proc* 33:1682-5, Jun 74
- Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. Diliberto EJ Jr, et al. *Proc Natl Acad Sci USA* 71:1701-4, May 74
- [Preparation of somatotroph cells of the adenohypophysis in thin sections by Luxol-Fast-Blue (author's transl)] Steinberger E. *Mikroskopie* 30:34-7, Feb 74 (Eng. Abstr.) (Ger)
- [Influence of thymus hormone on immune response of hypophysectomized and thymectomized rat] Schwarz JA, et al. *Verh Dtsch Ges Inn Med* 79:579-82, 1973 (Ger)

ADMINISTRATION & DOSAGE

- A new in vitro method for assay of the biological activity of growth hormone. Saxena RK, et al. *Acta Endocrinol (Kbh)* 76:248-59, Jun 74
- Bioassay of growth hormone and prolactin preparations by determination of longitudinal bone growth with tetracycline. Thorngren KG, et al. *Acta Endocrinol (Kbh)* 76:35-52, May 74
- Acute metabolic effects of human growth hormone. Fineberg SE, et al. *Diabetes* 23:499-504, Jun 74
- Hormone-induced changes in liver DNA synthesis: effects of glucocorticoids and growth hormone on liver growth and DNA polymerase activity. Henderson IC, et al. *Endocrinology* 94:1637-43, Jun 74
- Alterations in the concentration of cholesterol in bile after administration of human growth hormone. Poley JR, et al. *Pediatr Res* 8:710-4, Jul 74
- [Treatment of hypophyseal dwarfism with a commercial STH preparation (author's transl)] Tietze HU, et al. *Klin Paediatr* 188:84-7, Jan 74 (Eng. Abstr.) (Ger)

ANALYSIS

- Human growth hormone. A symposium. Maclaren NK, et al. *Am J Dis Child* 127:906-8, Jun 74
- Primary somatomedin deficiency. Case report. Brande JL van den, et al. *Arch Dis Child* 49:297-304, Apr 74
- Growth hormone conformation and conformational equilibria. Holladay LA, et al. *Biochemistry* 13:1653-61, 9 Apr 74
- Cross-reactivity of monkey pituitary extracts in human radioimmunoassays. Hummel BC, et al. *Gen Comp Endocrinol* 23:143-53, Jun 74
- Diethylpyrocarbonate, a vapour-phase fixative for immunofluorescence studies on polypeptide hormones. Pearce AG, et al. *Histochem J* 6:347-52, May 74
- A re-examination of the tadpole in metamorphic stasis as a recipient in a bioassay for thyroid-stimulating hormone. Ching M. *J Endocrinol* 61:15-9, Apr 74
- Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the C3H-ST mouse. Sinha YN, et al. *N Engl J Med* 291:219-29, 11 Jun 74
- Human pituitary growth hormone: isolation and properties of two biologically active fragments from plasmin digests. Li CH, et al. *Proc Natl Acad Sci USA* 71:1197-201, Apr 74
- A hyperglycemic peptide from pituitary growth hormone: preparation with pepain and assay in ob-ob

- mice. Lostro AJ, et al.
Proc Natl Acad Sci USA 71:1244-6, Apr 74
- Radioimmunoassays. Parker CW.
Prog Clin Pathol 4:103-41, 1972 (164 ref.)
- [Fetal and postnatal development of growth hormone content in the ovine hypophysis] Charrier J.
Ann Biol Anim Biochim Biophys 13:115-63, 1973 (Eng. Abstr.) (Fre)
- [Studies of the variability of action of pituitary hormones. II. Tetracosactide and STH] De Luca R, et al.
Boll Soc Ital Biol Sper 49:619-21, 15 Jul 73 (Ita)
- [Normal and abnormal secretion dynamics of prolactin in the fields of gynecology and obstetrics] Ebara Y, et al.
Clin Endocrinol (Tokyo) 22:352-60, Mar 74 (67 ref.) (Jap)
- [Characteristics of the lipid-mobilizing peptide isolated from the pepsin hydrolysates of human growth hormone] Keda IuM, et al.
Biokhimiia 38:659-63, Jul-Aug 73 (Eng. Abstr.) (Rus)
- [Use of electrophoresis in soluble polyacrylamide gel for determining the specific radioactivity of protein fractions] Martynenko FP, et al.
Ukr Biokhim Zh 45:624-7, Mar-Apr 74 (Eng. Abstr.) (Ukr)
- [Monoamine and adenine nucleotide content in the rat hypothalamus in hypo- and hyperthyroidism] Martynenko FP, et al.
Ukr Biokhim Zh 45:624-7, Sep-Oct 73 (Eng. Abstr.) (Ukr)
- ### ANTAGONISTS & INHIBITORS
- Thyrotropin-releasing hormone stimulation and somatostatin inhibition of growth hormone secretion from perfused rat adenohypophyses. Carlson HE, et al.
Endocrinology 94:1709-13, Jun 74
- Action of growth hormone release inhibitory hormone on prolactin release in rat pituitary cell cultures. Grant NH, et al.
J Endocrinol 61:163-4, Apr 74
- Proceedings: Effect of growth hormone release inhibiting hormone on the release of growth hormone and other pituitary hormones in man. Schally AV, et al.
J Endocrinol 61:xiv, Apr 74
- Editorial: Somatostatin (somatostatin release inhibiting factor). S Afr Med J 48:1180, 12 Jun 74
- [Editorial: Growth hormone] Prange-Hansen A.
Ugeskr Laeger 136:1038-9, 6 May 74 (Dan)
- [Depression of the action of the growth hormone by an antiserum to denatured DNA] Galavina OI.
Vopr Med Khim 20:319-20, May 74 (Eng. Abstr.) (Rus)
- ### BIOSYNTHESIS
- Influence of streptozotocin diabetes on the ultrastructure of growth hormone producing cells in the rat pituitary. Murakami M, et al.
Endokrinologie 62:257-68, 1973
- Receptor-binding affinities and biological activities of analogs of thyrotropin-releasing hormone in prolactin-producing pituitary cells in culture. Hinkle PM, et al.
J Clin Invest 53:3085-90, Jun 74
- [Effect of a new derivative of cyclic AMP on the liberation and synthesis of growth hormone and pituitary prolactin] Cehovic G, et al.
C R Acad Sci [D] (Paris) 277:2057-60, 12 Nov 73 (Fre)
- ### BLOOD
- Pituitary adenoma associated with inappropriate antidiuretic hormone secretion. Greiss KC, et al.
Acta Endocrinol (Kbh) 76:59-66, May 74
- Immunoreactive growth hormone in plasma and urine in juvenile diabetics before and during initial insulin treatment. Hanssen KF.
Acta Endocrinol (Kbh) 75:50-63, Jan 74
- Immunoreactive growth hormone in plasma and urine in long term insulin treated diabetics in relation to diabetic retinopathy. Hanssen KF.
Acta Endocrinol (Kbh) 75:64-74, Jan 74
- Immunoreactive growth hormone in plasma and urine in long term insulin treated diabetics with clinical diabetic nephropathy. Hanssen KF, et al.
Acta Endocrinol (Kbh) 75:75-86, Jan 74
- Effects of adrenaline on insulin-induced release of growth hormone and cortisol in man. Müller-Hess R, et al.
Acta Endocrinol (Kbh) 75:260-73, Feb 74
- The effect of thyrotropin releasing hormone on the release of thyrotrophin and other pituitary hormones in man under basal conditions and following adrenergic blocking agents. Nilsson KO, et al.
Acta Endocrinol (Kbh) 76:24-34, May 74
- Effect of aminophylline on growth hormone secretion in man. Peracchi M, et al.
Acta Endocrinol (Kbh) 76:488-94, Jul 74
- Down's syndrome. Study of carbohydrate metabolism. Raiti S, et al.
Acta Endocrinol (Kbh) 76:506-12, Jul 74
- Growth retardation in the Lesch-Nyhan syndrome. Skyler JS, et al.
Acta Endocrinol (Kbh) 75:3-10, Jan 74
- Urinary growth hormone in acromegaly. Hanssen KF, et al.
Acta Med Scand 195:381-4, May 74
- Insulin deficiency associated with hypoglycemia and good glucose tolerance in hypopituitarism. Report of a case with acromegaly developing pituitary apoplexy. Nikkilä EA, et al.
Acta Med Scand 195:435-9, May 74
- Dibutyl cyclic 3':5'-adenosine monophosphate in hypopituitarism and Silver-Russell syndrome. Vanderschueren-Lodeweyckx, et al.
Acta Paediatr Scand 63:364-8, May 74
- Cortical bone mass in acromegaly. Ikko DG, et al.
Acta Radiol [Diagn] (Stockh) 15:134-44, May 74
- Maternal and fetal fuel homeostasis in human pregnancy. Fellg P.
Am J Clin Nutr 26:998-1005, Sep 73 (37 ref.)
- Human growth hormone. A symposium. Maclaren NK, et al.
Am J Dis Child 127:906-8, Jun 74
- An integrated direct functional test of the adenohypophysis. Rakoff J, et al.
Am J Obstet Gynecol 119:358-68, 1 Jun 74
- Acromegaly and cardiovascular disorders. A prospective study. McGuffin WL Jr, et al.
Ann Intern Med 81:11-8, Jul 74
- Primary somatomedin deficiency. Case report. Brande JL van den, et al.
Arch Dis Child 49:297-304, Apr 74
- The effects of phenothiazines on endocrine function: II. Effects in men and post-menopausal women. Beaumont PJ, et al.
Br J Psychiatry 124:420-30, May 74
- Proceedings: Pituitary function after yttrium-90 hypophysectomy. Wilson RG, et al.
Br J Surg 61:322, Apr 74
- Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. Daly JR, et al.
Br Med J 2:521-4, 8 Jun 74
- Effects of intravenously administered solutions on electrolytes and energy substrates during surgery. Moffitt EA, et al.
Can Anaesth Soc J 21:285-93, May 74
- The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al.
Clin Endocrinol (Oxf) 3:27-39, Jan 74
- Long-term administration of medroxyprogesterone acetate (MPA) to acromegalic patients. Josefsberg Z, et al.
Clin Endocrinol (Oxf) 3:195-202, Apr 74
- Thyrotrophin responses to intravenous thyrotrophin-releasing hormone in patients with hypothalamic and pituitary disease. McLaren EH, et al.
Clin Endocrinol (Oxf) 3:113-22, Apr 74
- Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al.
Clin Endocrinol (Oxf) 3:175-86, Apr 74
- Salivary gland enlargement in acromegaly. Thomson JA, et al.
Clin Endocrinol (Oxf) 3:1-4, Jan 74
- Effect of vasotocin and glucagon on plasma growth hormone levels in the pigeon. John TM, et al.
Comp Biochem Physiol [A] 48:521-6, 1 Jul 74
- Clinical studies of alcoholic ketoacidosis. Cooperman MT, et al.
Diabetes 23:433-9, May 74
- Acute metabolic effects of human growth hormone. Fineberg SE, et al.
Diabetes 23:499-504, Jun 74
- Altered glucoregulatory hormones during acute pneumococcal sepsis in the rhesus monkey. George DT, et al.
Diabetes 23:544-9, Jun 74
- Insulin, glucagon and growth hormone in primary adult myxoedema. Andreani D, et al.
Diabetologia 10:7-12, Feb 74
- Cortisol and growth hormone responses to insulin-induced hypoglycaemia in Ugandans. Kajubi SK.
East Afr Med J 51:11-4, Jan 74
- Radioimmunoassay of rabbit growth hormone. McIntyre HB, et al.
Endocrinology 94:1568-76, Jun 74
- Measurement of and correction for incubation damage in radioimmunoassay. Orskov H, et al.
Eur J Clin Invest 4:207-11, Jun 74
- Effect of L-dopa on plasma HGH, LH, FSH and 11-OH-CS in normal adult subjects. Dellala G, et al.
Folia Endocrinol (Roma) 27:279-89, Jun 74
- Serum immunoreactive insulin (IRI) release following subcutaneous administration of glucagon in 17 normal

- children. Florea I, et al. *Folia Endocrinol (Roma)* 27:259-64, Jun 74
- Normal responsivity of serum IRI following subcutaneous administration of glucagon in 25 cases of pituitary dwarfism in children and adolescents. A negative report. Popa M, et al. *Folia Endocrinol (Roma)* 27:265-71, Jun 74
- Immunoreactive growth hormone levels in mice with the obese-hyperglycemic syndrome (genotype obob). Roos P, et al. *Horm Metab Res* 6:125-8, Mar 74
- Lack of post prandial exercise-induced growth hormone secretion in normoglycemic insulin-treated diabetic men. Tchobroutsky G, et al. *Horm Metab Res* 6:184-7, May 74
- Effect of postnatal malnutrition on plasma proteins and growth hormone in the rat. Nitzan M, et al. *Horm Res* 5:167-72, 1974
- Body build and sleep-related growth hormone secretion. Othmer E, et al. *Horm Res* 5:156-66, 1974
- Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al. *Int J Cancer* 11:90-4, 15 Jan 73
- Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al. *J Clin Endocrinol Metab* 38:1083-9, Jun 74
- Dissociation of growth hormone and cortisol release following apomorphine. Brown WA, et al. *J Clin Endocrinol Metab* 38:1127-30, Jun 74
- Unaltered plasma GH levels in acromegals and normal men and women after administration of (Pyro)Glu-Ser-Gly-NH₂, a proposed GH-releasing hormone. Gonzalez-Barcena D, et al. *J Clin Endocrinol Metab* 38:1134-6, Jun 74
- Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74
- Recovery of hypothalamic-pituitary-adrenal function, growth hormone responsiveness and sleep EEG pattern in a patient following removal of an adrenal cortical adenoma. Krieger DT, et al. *J Clin Endocrinol Metab* 38:1075-82, Jun 74
- Slight effect of L-tryptophan on growth hormone release in normal human subjects. Müller EE, et al. *J Clin Endocrinol Metab* 39:1-5, Jul 74
- Studies of prolactin and TSH secretion by continuous infusion of small amounts of thyrotropin-releasing hormone (TRH). Noel GL, et al. *J Clin Endocrinol Metab* 39:6-17, Jul 74
- Growth hormone abnormalities in Huntington's chorea: effect of L-dopa administration. Podolsky S, et al. *J Clin Endocrinol Metab* 39:36-9, Jul 74
- Serum growth hormone and prolactin response to thyrotropin-releasing hormone in patients with acromegaly before and after surgery. Saman NA, et al. *J Clin Endocrinol Metab* 38:957-63, Jun 74
- Growth hormone in adults with protein-calorie malnutrition. Smith SR, et al. *J Clin Endocrinol Metab* 39:53-62, Jul 74
- Effects of a prolonged 3-hour sleep-wake cycle on sleep stages, plasma cortisol, growth hormone and body temperature in man. Weltzman ED, et al. *J Clin Endocrinol Metab* 38:1018-30, Jun 74
- The influence of maternal nutrition on plasma hormone and metabolite concentrations of foetal lambs. Bassett JM, et al. *J Endocrinol* 61:465-77, Jun 74
- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
- A new overgrowth syndrome with accelerated skeletal maturation, unusual facies, and camptodactyly. Weaver DD, et al. *J Pediatr* 84:547-52, Apr 74
- Letter: Enhancement of levodopa-induced growth-hormone stimulation by propranolol. Camanni F, et al. *Lancet* 1:942, 11 May 74
- Letter: Growth hormone and affective illness. Stern SL, et al. *Lancet* 1:992-3, 18 May 74
- Letter: Growth-hormone response to exercise in obese children. Wilkinson PW, et al. *Lancet* 2:55, 6 Jul 74
- Editorial: Brittle diabetes. *Lancet* 1:910, 11 May 74
- Lactate inhibition of lipolysis in exercising man. Boyd AE 3d, et al. *Metabolism* 23:531-42, Jun 74
- Relationship of the adrenergic nervous system and growth hormone release in normal adults and children with various growth disorders. Lee PA, et al. *Metabolism* 23:595-601, Jul 74
- Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the C3H-ST mouse. Sinha YN, et al. *N Engl J Med* 291:219-29, 11 Jun 74
- Influence of extracorporeal dialysis on insulin-induced human growth hormone secretion in patients with acute renal failure. Kokot F, et al. *Nephron* 12:241-8, 1974
- A preview of growth hormone stimulation tests in children. Frasler SD. *Pediatrics* 53:929-37, Jun 74
- Effects of cyproterone acetate on growth and feeding in rats. Vilberg TR, et al. *Pharmacol Biochem Behav* 2:309-16, May 74
- Biogenic amines in the hypothalamus: effect of L-DOPA on human growth hormone levels in patients with Huntington's chorea. Podolsky S, et al. *Frog Brain Res* 39:225-35, 1973
- Corticosterone, prolactin, and growth hormone responses to handling and new environment in the rat. Brown GM, et al. *Psychosom Med* 36:241-7, May-Jun 74
- The metabolic effects of strenuous exercise: a comparison between untrained subjects and racing cyclists. Rennie MJ, et al. *Q J Exp Physiol* 59:201-12, Jul 74
- Metabolism and transcapillary escape rate of albumin in acromegaly. Rossing N, et al. *Scand J Clin Lab Invest* 33:39-44, Feb 74
- Growth hormone responses to melatonin in man. Smythe GA, et al. *Science* 184:1373-4, 28 Jun 74
- The paradoxical growth hormone reaction after intravenous glucose in the newborn. Nars PW, et al. *Z Kinderheilkd* 117:63-72, 8 Apr 74
- [Editorial: Growth hormone] Prange-Hansen A. *Ugeskr Laeger* 136:1038-9, 6 May 74 (Dan)
- [Acromegaly syndrome: choice of surgical technic] Basso A, et al. *Neurochirurgie* 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
- [Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al. *Neurochirurgie* 19:531-6, Nov 73 (Eng. Abstr.) (Fre)
- [Hypogonadism due to luteotropin-releasing hormone (LHRH) deficiency in a child with Prader-Labhart-Willi syndrome (author's transl)] Morgner KD, et al. *Dtsch Med Wochenschr* 99:1196-8, 31 May 74 (Eng. Abstr.) (Ger)
- [Growth hormone, gonadotropins and cortisol in the plasma of males under combined application of the insulin-hypoglycaemia-LH-RH test (author's transl)] Wiegelmann W, et al. *Klin Wochenschr* 52:194-6, 15 Feb 74 (Eng. Abstr.) (Ger)
- [Influence of hemodialysis on hormone status of terminal kidney failed patients] Bindeballe W, et al. *Verh Dtsch Ges Inn Med* 79:1249-52, 1973 (Ger)
- [Growth hormone secretion and pituitary gland function before and after 90Yttrium implantation in acromegaly] Heesen D, et al. *Verh Dtsch Ges Inn Med* 79:1243-5, 1973 (Ger)
- [Behavior of immunoreactive insulin, "big insulin" and the somatotrophic hormone in cirrhotic patients with diabetes mellitus] Gragnoli G, et al. *Folia Endocrinol (Roma)* 27:196-211, Apr 74 (Eng. Abstr.) (Ita)
- [Behavior of the somatotrophic hormone and of somatomedin (sulfation factor) in achondroplasia] Isidori A, et al. *Folia Endocrinol (Roma)* 27:179-84, Apr 74 (Eng. Abstr.) (Ita)
- [Behavior of serum somatotropin after intramuscular administration of glucagon in normal and hypopituitary children in the prepubertal period] Pasargiklian E, et al. *Folia Endocrinol (Roma)* 27:189-95, Apr 74 (Ita)
- [Biochemical and immunochemical properties of human placental lactogen: hPL, human chorionic somatomammotropin: hCS. 3. Immunological character and its clinical application] Morikawa H. *Folia Endocrinol Jap* 50:42-59, 20 Jan 74 (Eng. Abstr.) (Jap)
- [Insulin secretion after administration of sulfonylurea in normal and diabetic subjects] Okajima J. *Folia Endocrinol Jap* 50:19-29, 20 Jan 74 (Eng. Abstr.) (Jap)
- [Somatotropin content in the blood serum in patients with leukemia, lymphogranulomatosis and anemias] Mazurov VI. *Probl Gematol Pereliv Krovi* 19:42-7, Mar 74 (Rus)
- [Influence of corticosteroids on insulin and growth hormone secretion] Durán S, et al. *Rev Clin Esp* 132:41-6, 15 Jan 74 (Eng. Abstr.) (Spa)
- [Growth hormone, insulin, glucemia and plasmatic free fatty acids after arginine administration (author's transl)] Portugal-Alvarez J, et al. *Rev Esp Fisiol* 29:289-91, Dec 73 (Eng. Abstr.) (Spa)

ISOLATION & PURIFICATION

- Growth hormone conformation and conformational equilibria. Holladay LA, et al.
Biochemistry 13:1653-61, 9 Apr 74
 Purified somatotrophs from rat adenohypophysis: response to secretagogues. Kralcer J, et al.
Endocrinology 94:1525-30, Jun 74

METABOLISM

- Pituitary thyrotroph function in hypothyroid rats. Ching M, et al.
Acta Endocrinol (Kbh) 75:221-32, Feb 74
 Immunoreactive growth hormone in plasma and urine in long term insulin treated diabetics in relation to diabetic retinopathy. Hanssen KF.
Acta Endocrinol (Kbh) 75:64-74, Jan 74
 Immunoreactive growth hormone in plasma and urine in juvenile diabetics before and during initial insulin treatment. Hanssen KF.
Acta Endocrinol (Kbh) 75:50-63, Jan 74
 Immunoreactive growth hormone in plasma and urine in long term insulin treated diabetics with clinical diabetic nephropathy. Hanssen KF, et al.
Acta Endocrinol (Kbh) 75:75-86, Jan 74
 Letter: The levodopa test of growth hormone reserve in children. Buckler JM. *Am J Dis Child* 128:117, Jul 74
 Human growth hormone. A symposium. Maclaren NK, et al. *Am J Dis Child* 127:906-8, Jun 74
 An integrated direct functional test of the adenohypophysis. Rakoff J, et al.
Am J Obstet Gynecol 119:358-68, 1 Jun 74
 Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al.
Clin Endocrinol (Oxf) 3:175-86, Apr 74
 The different effect of thyroidectomy, KClO₄ and propylthiouracil on insulin secretion and glucose uptake in the rat. Jolin T, et al.
Endocrinology 94:1502-7, Jun 74
 Immunoreactive growth hormone levels in mice with the obese-hyperglycemic syndrome (genotype obob). Roos P, et al. *Horm Metab Res* 6:125-8, Mar 74
 Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al. *Int J Cancer* 11:90-4, 15 Jan 73
 Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al. *Int J Cancer* 12:100-14, 15 Jul 73
 Letter: The effect of contraceptive steroids on carbohydrate metabolism. Davidson MB.
Metabolism 23:687-90, Jul 74
 Relationship of the adrenergic nervous system and growth hormone release in normal adults and children with various growth disorders. Lee PA, et al.
Metabolism 23:595-601, Jul 74
 Studies on growth hormone secretion. VI. Effects of dibutyryl cyclic AMP, prostaglandin E₁ and indomethacin on growth and hormone secretion by rat pituitary tumor cells in culture. Hertelendy F, et al.
Prostaglandins 6:217-25, 10 May 74
 [Obesity as a disease: a wrong concept] Saltiel H. *Sem Hop Paris* 49:3377-81, 8 Dec 73 (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

- Participation of hormone in the early stages of the immune response. Maor D, et al.
Acta Endocrinol (Kbh) 75:205-8, Jan 74
 A new in vitro method for assay of the biological activity of growth hormone. Saxena RK, et al.
Acta Endocrinol (Kbh) 76:248-59, Jun 74
 Bioassay of growth hormone and prolactin preparations by determination of longitudinal bone growth with tetracycline. Thorngren KG, et al.
Acta Endocrinol (Kbh) 76:35-52, May 74
 Effect of withdrawal of growth hormone administration on longitudinal bone growth in the hypophysectomized rat. Thorngren KG, et al.
Acta Endocrinol (Kbh) 75:11-23, Jan 74
 Bone matrix in the solid state: geometric influence on differentiation of fibroblasts. Reddi AH.
Adv Biol Med Phys 15:1-18, Jun 74 (44 ref.)
 Emerson studies on growth hormone effects in the Norway rat. Emerson GM.
Acta J Med Sci 10:410-6, Oct 73
 Primary somatomedin deficiency. Case report. Brande JL van den, et al. *Arch Dis Child* 49:297-304, Apr 74
 Induction of tyrosine aminotransferase by

- triamcinolone during rat liver development in vitro. Luppis B, et al. *Dev Biol* 33:482-6, Aug 73
 Acute metabolic effects of human growth hormone. Fineberg SE, et al. *Diabetes* 23:499-504, Jun 74
 Hormone-induced changes in liver DNA synthesis: effects of glucocorticoids and growth hormone on liver growth and DNA polymerase activity. Henderson IC, et al. *Endocrinology* 94:1637-43, Jun 74
 Effects of bovine growth hormone preparations, fragments of growth hormone and pituitary anti-insulin peptide on lipolysis and glucose metabolism of isolated fat cells and adipose tissue. Wieser PB, et al. *Endocrinology* 95:206-12, Jul 74
 Effect of growth hormone on sodium transport and osmotic water flow across toad skin. Rabkin R, et al. *Horm Metab Res* 6:129-32, Mar 74
 Influence of alpha-melanocyte-stimulating hormone (alpha-MSH), growth hormone (GH) and fetal brain extracts on intrauterine growth of fetus and placenta in the rat. Honneblat WJ, et al.
J Obstet Gynaecol Br Commonw 81:439-47, Jun 74
 Effects of inhibitors and stimulators of protein synthesis on the cerebral actions of L-dopa. Cotzias GC, et al. *Neurosci Res* 5:97-108, 1973 (28 ref.)
 Alterations in the concentration of cholesterol in bile after administration of human growth hormone. Poley JR, et al. *Pediatr Res* 8:710-4, Jul 74
 Effects of cyproterone acetate on growth and feeding in rats. Vilberg TR, et al.
Pharmacol Biochem Behav 2:309-16, May 74
 A hyperglycemic peptide from pituitary growth hormone: preparation with pepsin and assay in ob-ob mice. Lostroh AJ, et al.
Proc Natl Acad Sci USA 71:1244-6, Apr 74
 [Fetal and postnatal development of growth hormone content in the ovine hypophysis] Charrier J. *Ann Biol Anim Biochim Biophys* 13:115-63, 1973 (Eng. Abstr.) (Fre)
 [Effect of hypophysectomy and bovine somatotrophic hormone treatment on the relative growth of lambs] Vézinhel A. *Ann Biol Anim Biochim Biophys* 13:51-73, 1973 (Eng. Abstr.) (Fre)
 [Treatment of hypophyseal dwarfism with a commercial STH preparation (author's transl)] Tietze HU, et al.
Klin Paediatr 186:84-7, Jan 74 (Eng. Abstr.) (Ger)
 [Studies of the variability of action of pituitary hormones. II. Tetracosactide and STH] De Luca R, et al. *Boll Soc Ital Biol Sper* 49:619-21, 15 Jul 73 (Ita)
 [Early influence of the growth hormone on P32-orthophosphate inclusion into the RNA of the rat liver mitochondria and nuclei] Turaki VA, et al. *Biokhimiia* 38:677-81, Jul-Aug 73 (Eng. Abstr.) (Rus)
 [Interrelationships between the growth hormone and histones] Ralchev KKh, et al.
Vopr Med Khim 20:249-53, May 74 (Eng. Abstr.) (Rus)

PHYSIOLOGY

- Emerson studies on growth hormone effects in the Norway rat. Emerson GM.
Acta J Med Sci 10:410-6, Oct 73
 Human growth hormone. A symposium. Maclaren NK, et al. *Am J Dis Child* 127:906-8, Jun 74
 Integration of the secretory control mechanisms for insulin, glucagon, and growth hormone. Blackard WG, et al. *Curr Top Exp Endocrinol* 2:129-53, 1974
 Review: The endocrine glands in infantile malnutrition. Godard C. *Helv Paediatr Acta* 29:5-26, Apr 74 (113 ref.)
 Proceedings: Hormones and other factors controlling growth in the mammary gland: a review. Ceriani RL. *J Invest Dermatol* 63:93-108, Jul 74 (215 ref.)
 [Editorial: Growth hormone] Prange-Hansen A. *Ugeskr Laeger* 136:1038-9, 6 May 74 (Dan)
 [Hormonal regulation of protein synthesis of the acute phase] Koj A. *Folia Med Cracov* 16:131, 1974 (Pol)
 [Early influence of the growth hormone on P32-orthophosphate inclusion into the RNA of the rat liver mitochondria and nuclei] Turaki VA, et al. *Biokhimiia* 38:677-81, Jul-Aug 73 (Eng. Abstr.) (Rus)

SECRETION

- Irreversible inhibition of pituitary prolactin and growth hormone secretion and of mammary gland development in mice by monosodium glutamate administered neonatally. Nagasawa H, et al.
Acta Endocrinol (Kbh) 75:249-59, Feb 74
 Effect of aminophylline on growth hormone secretion

- In man. Peracchi M, et al.
Acta Endocrinol (Kbh) 76:488-94, Jul 74
- Maternal and fetal fuel homeostasis in human pregnancy. Felig P.
Am J Clin Nutr 26:998-1005, Sep 73 (37 ref.)
- Human growth hormone. A symposium. Maclaren NK, et al. *Am J Dis Child* 127:906-8, Jun 74
- Pituitary 45 Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al.
Am J Physiol 226:1315-20, Jun 74
- Human pituitary growth hormone: solubility in ammonium sulfate solutions. Tarli P, et al.
Arch Biochem Biophys 161:696-7, 2 Apr 74
- Stability of secretory granules containing growth hormone and prolactin from bovine anterior pituitary gland. Lemay A, et al. *Can J Biochem* 52:327-35, Apr 74
- The cell-types in the adenohypophysis of the Indian catfish *Heteropneustes fossilis* (Bloch). Baker BI, et al. *Cell Tissue Res* 148:347-58, 30 Apr 74
- Ectopic hormone production by non-endocrine tumours. Rees LH, et al.
Clin Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)
- Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al.
Clin Endocrinol (Oxf) 3:175-86, Apr 74
- Integration of the secretory control mechanisms for insulin, glucagon, and growth hormone. Blackard WG, et al. *Curr Top Exp Endocrinol* 2:129-53, 1974
- Hypothalamic control of anterior pituitary hormone secretion--characterized hypothalamic-hypophysiotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
- In vitro effects of synthetic somatotropin-release inhibiting factor on cyclic AMP level and GH release in rat anterior pituitary gland. Kaneko T, et al.
Endocrinol Jap 20:535-8, Oct 73
- Thyrotropin-releasing hormone stimulation and somatostatin inhibition of growth hormone secretion from perfused rat adenohypophyses. Carlson HE, et al. *Endocrinology* 94:1709-13, Jun 74
- Advances in human growth hormone research. Raiti S, et al. *Fed Proc* 33:1682-5, Jun 74
- GH and ACTH secretion in insulin-induced hypoglycemia in normal children. Cacciari E, et al. *Folia Endocrinol (Roma)* 27:247-58, Jun 74
- Lack of post prandial exercise-induced growth hormone secretion in normoglycemic insulin-treated diabetic men. Tchobroutsky G, et al.
Horm Metab Res 6:184-7, May 74
- Editorial: The rhythm theory. Kahn A Jr.
J Arkansas Med Soc 71:66-7, Jun 74
- Letter: The effect of age on growth hormone secretion in man. Dilman V.
J Clin Endocrinol Metab 39:183, Jul 74
- Slight effect of L-tryptophan on growth hormone release in normal human subjects. Müller EE, et al.
J Clin Endocrinol Metab 39:1-5, Jul 74
- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al.
J Clin Invest 53:1588-98, Jun 74
- Suppression of human growth hormone secretion by melatonin and cyproheptadine. Smythe GA, et al.
J Clin Invest 54:116-21, Jul 74
- Tumour-associated hormonal products. Landon J, et al.
J Clin Pathol [Suppl] 7:127-34, 1974 (58 ref.)
- Twenty-four hour secretory profiles of ovine prolactin and growth hormone. Chamley WA, et al.
J Endocrinol 61:165-6, Apr 74
- DNA synthesis and the secretion of prolactin and growth hormone by the pituitary gland of the male rat: effects of diethylstilboestrol and 2-bromo-alpha-ergocryptine methanesulphonate. Davies C, et al. *J Endocrinol* 61:411-7, Jun 74
- Proceedings: Effect of growth hormone release inhibiting hormone on the release of growth hormone and other pituitary hormones in man. Schally AV, et al. *J Endocrinol* 61:xiv, Apr 74
- Letter: Early neonatal hypocalcaemia. Bergman L. *Lancet* 1:1057-8, 25 May 74
- Letter: Enhancement of levodopa-induced growth-hormone stimulation by propranolol. Camanni F, et al. *Lancet* 1:942, 11 May 74
- Letter: Growth hormone and affective illness. Stern SL, et al. *Lancet* 1:992-3, 18 May 74
- Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the C3H-ST mouse. Sinha YN, et al.
N Engl J Med 291:219-29, 11 Jun 74
- Acromegaly in a gravida and her infant. Fisch RO, et al.
Obstet Gynecol 43:861-6, Jun 74
- A preview of growth hormone stimulation tests in children. Fraaser SD. *Pediatrics* 53:929-37, Jun 74
- Effects of cyproterone acetate on growth and feeding in rats. Vilberg TR, et al.
Pharmacol Biochem Behav 2:309-16, May 74
- Role of indoleamines and catecholamines in the control of gonadotrophin and growth hormone secretion. Collu R, et al. *Frog Brain Res* 39:289-99, 1973
- Effects of acute and chronic administration of narcotic analgesics on growth hormone and corticotrophin (ACTH) secretion in rats. Kokka N, et al.
Frog Brain Res 39:347-60, 1973
- Corticosterone, prolactin, and growth hormone responses to handling and new environment in the rat. Brown GM, et al. *Psychosom Med* 36:241-7, May-Jun 74
- Editorial: Somatostatin (somatotrophin release inhibiting factor). *S Afr Med J* 48:1180, 12 Jun 74
- Growth hormone responses to melatonin in man. Smythe GA, et al. *Science* 184:1373-4, 28 Jun 74
- The paradoxical growth hormone reaction after intravenous glucose in the newborn. Nars PW, et al.
Z Kinderheilkd 117:63-72, 8 Apr 74
- [Use of chlorpromazine and trans-sphenoidal micro-surgery in the treatment of acromegaly (dynamic study of growth hormone secretion)] Lazorthes Y, et al.
Neurochirurgie 19:603-10, Dec 73 (Eng. Abstr.) (Fre)
- [Growth hormone secretion and pituitary gland function before and after 90Yttrium implantation in acromegaly] Heesen D, et al.
Verh Dtsch Ges Inn Med 79:1243-5, 1973 (Ger)
- [Sleep-wakefulness rhythm of the somatotropin secretion in the man under the influence of alpha-methyldopa and disulfiram] Giordano G, et al. *Arch E Maragliano Patol Clin* 29:7-14, Jan 73 (Eng. Abstr.) (Ita)
- [Effect of 5-hydroxytryptophan on the secretion of somatotrophic hormone in man] Giordano G, et al. *Arch E Maragliano Patol Clin* 29:1-5, Jan 73 (Eng. Abstr.) (Ita)
- [Relationship between the secretion of ACTH, GH and cortisol during insulin hypoglycemia test in the normal and obese child] Cacciari E, et al. *Minerva Pediatr* 26:401-8, 10 Mar 74 (Eng. Abstr.) (Ita)
- [Senescence and hormones] Ibayashi H, et al. *Jap J Clin Med* 32:20-9, Jan 74 (40 ref.) (Jap)
- [Influence of corticosteroids on insulin and growth hormone secretion] Durán S, et al.
Rev Clin Esp 132:41-6, 15 Jan 74 (Eng. Abstr.) (Spa)
- [Glucose tolerance, insulin secretion, levels of free fatty acids and growth hormone in hepatic cirrhosis] Marañón A, et al.
Rev Clin Esp 132:299-306, 28 Feb 74 (Eng. Abstr.) (Spa)

THERAPEUTIC USE

- Dibutyryl cyclic 3':5'-adenosine monophosphate in hypopituitarism and Silver-Russell syndrome. Vanderschueren-Lodeweyckx, et al.
Acta Paediatr Scand 63:364-8, May 74
- Human growth hormone. A symposium. Maclaren NK, et al. *Am J Dis Child* 127:906-8, Jun 74
- Advances in human growth hormone research. Raiti S, et al. *Fed Proc* 33:1682-5, Jun 74
- Alterations in the concentration of cholesterol in bile after administration of human growth hormone. Poley JR, et al. *Pediatr Res* 8:710-4, Jul 74
- [Treatment of hypophyseal dwarfism with a commercial STH preparation (author's transl)] Tietze HU, et al.
Klin Paediatr 188:84-7, Jan 74 (Eng. Abstr.) (Ger)
- [Hormone therapy of breast carcinoma] Bruni B. *G Batteriol Virol Immunol [Clin]* 15:36-64, Jan-Aug 72 (Ita)
- [Growth retardation caused by endocrine abnormality] Suwa S. *Clin Endocrinol (Tokyo)* 22:88-91, Jan 74 (Jap)

URINE

- Immunoreactive growth hormone in plasma and urine in juvenile diabetics before and during initial insulin treatment. Hanssen KF.
Acta Endocrinol (Kbh) 75:50-63, Jan 74
- Immunoreactive growth hormone in plasma and urine in long term insulin treated diabetics in relation to diabetic retinopathy. Hanssen KF.
Acta Endocrinol (Kbh) 75:64-74, Jan 74
- Immunoreactive growth hormone in plasma and urine in long term insulin treated diabetics with clinical

- diabetic nephropathy. Hanssen KF, et al. *Acta Endocrinol (Kbh)* 75:75-86, Jan 74
- Urinary growth hormone in acromegaly. Hanssen KF, et al. *Acta Med Scand* 195:381-4, May 74
- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74

THYROTROPIN

- The thyrotrophin receptor in guinea-pig thyroid homogenate: general properties. Manley SW, et al. *J Endocrinol* 61:419-36, Jun 74
- Proceedings: An electrolytic procedure for iodination of glycoprotein and protein hormones. Malan PG, et al. *N Engl J Med* 291:xiii, 11 Jun 74
- Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. Diliberto EJ Jr, et al. *Proc Natl Acad Sci USA* 71:1701-4, May 74

ADMINISTRATION & DOSAGE

- [Morphology and function of thyreocytes and calcitonin cells (C-cells) in the rat. Serum analysis following injections of thyrotropic hormone, tocopherol, calcium chloride of phosphate] Blähsner S. *Endokrinologie* 62:327-49, 1973 (Eng. Abstr.) (Ger)

ANALYSIS

- Separation of two distinct gonadotropins from the pituitary gland of the bullfrog *Rana catesbeiana*. Licht P, et al. *Endocrinology* 94:1587-94, Jun 74
- Cross-reactivity of monkey pituitary extracts in human radioimmunoassays. Hummel BC, et al. *Gen Comp Endocrinol* 23:143-53, Jun 74
- Histochemical demonstration of thyrotropic and gonadotropic cells in the pituitary gland of the rat by the use of a lead tetraacetate-sodium bisulphite technique. Klessen C. *Histochem J* 6:311-8, May 74
- A re-examination of the tadpole in metamorphic stasis as a recipient in a bioassay for thyroid-stimulating hormone. Ching M. *J Endocrinol* 61:15-9, Apr 74
- Ectopic production of the isolated alpha subunit of the glycoprotein hormones. A quantitative marker in certain cases of cancer. Rosen SW, et al. *N Engl J Med* 290:1441-7, 27 Jun 74
- [Studies of the variability of action of pituitary hormones. II. Tetracosactide and STH] De Luca R, et al. *Boll Soc Ital Biol Sper* 49:619-21, 15 Jul 73 (Ita)
- [Studies of the variability of action of pituitary hormones. I. TSH] De Luca R, et al. *Boll Soc Ital Biol Sper* 49:615-8, 15 Jul 73 (Ita)

ANTAGONISTS & INHIBITORS

- Human growth hormone. A symposium. Maclaren NK, et al. *Am J Dis Child* 127:906-8, Jun 74
- The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al. *Eur J Pharmacol* 25:402-6, Mar 74
- The thyrotrophin receptor in guinea-pig thyroid homogenate: Interaction with the long-acting thyroid stimulator. Manley SW, et al. *J Endocrinol* 61:437-45, Jun 74

BIOSYNTHESIS

- The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al. *Eur J Pharmacol* 25:402-6, Mar 74

BLOOD

- Pituitary thyrotroph function in hypothyroid rats. Ching M, et al. *Acta Endocrinol (Kbh)* 75:221-32, Feb 74
- Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. Forest JC, et al. *Acta Endocrinol (Kbh)* 76:89-101, May 74
- Serum thyrotrophin and the response to thyrotrophin releasing hormone in symptomless autoimmune thyroiditis and in borderline and overt hypothyroidism. Gordin A, et al. *Acta Endocrinol (Kbh)* 75:274-85, Feb 74
- Homologous radioimmunoassay of thyrotrophin in rat plasma. Kieffer JD, et al. *Acta Endocrinol (Kbh)* 76:495-505, Jul 74
- The effect of thyrotrophin releasing hormone on the release of thyrotrophin and other pituitary hormones

- in man under basal conditions and following adrenergic blocking agents. Nilsson KO, et al. *Acta Endocrinol (Kbh)* 76:24-34, May 74
- Diurnal variation of serum immunoassayable thyrotrophin (TSH) concentration in the rat. Leppäluoto J, et al. *Acta Physiol Scand* 90:699-702, Apr 74
- Effect of TRH, and short-term exposure to experimental stress or cold on the serum immunoassayable TSH concentration in the rat. Leppäluoto J, et al. *Acta Physiol Scand* 90:640-4, Mar 74
- An integrated direct functional test of the adenohypophysis. Rakoff J, et al. *Am J Obstet Gynecol* 119:358-68, 1 Jun 74
- Affective state and thyrotrophin and prolactin responses after repeated injections of thyrotrophin-releasing hormone in depressed patients. Ehrensing RH, et al. *Am J Psychiatry* 131:714-8, Jun 74
- Novel behaviors in an extreme environment. Popkin MK, et al. *Am J Psychiatry* 131:651-4, Jun 74
- Letter: Down's syndrome, hypothyroidism, and diabetes mellitus. Parkin JM. *Br Med J* 2:384, 18 May 74
- Studies on thyroid stimulating hormone and the long-acting thyroid stimulating hormone. Bitensky L, et al. *Clin Endocrinol (Oxf)* 3:363-74, Jul 74
- The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al. *Clin Endocrinol (Oxf)* 3:27-39, Jan 74
- The need for more sensitive assays for the measurement of thyroid-stimulating hormone (TSH) and the long-acting thyroid stimulator (LATS). Hall R. *Clin Endocrinol (Oxf)* 3:361-2, Jul 74
- Thyrotrophin responses to intravenous thyrotrophin-releasing hormone in patients with hypothalamic and pituitary disease. McLaren EH, et al. *Clin Endocrinol (Oxf)* 3:113-22, Apr 74
- The TSH, FSH and prolactin responses to continuous infusions of TRH and the effects of oestrogen administration in normal males. Mortimer CH, et al. *Clin Endocrinol (Oxf)* 3:97-103, Apr 74
- Normal serum triiodothyronine concentration and the lack of TSH response to TRH in patients with euthyroid Graves' disease. Shimizu T, et al. *Endocrinol Jap* 20:527-8, Oct 73
- Human chorionic TSH (hCTSH, hCT) during normal or molar pregnancy. Tojo S, et al. *Endocrinol Jap* 20:505-15, Oct 73
- Persistent abnormalities in pituitary function following neonatal thyrotoxicosis in the rat. Azizi F, et al. *Endocrinology* 94:1681-8, Jun 74
- The effects of 6-mercaptopurine (6-MP) on the thyroid gland. Jubiz W, et al. *Endocrinology* 94:1583-6, Jun 74
- Prolactin and thyrotrophin in thyroid diseases: lack of evidence for a physiological role of thyrotrophin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al. *Horm Metab Res* 6:190-5, May 74
- Thyrotrophin response to intravenous thyrotrophin-releasing hormone in patients with hepatic and renal disease. Pokroy N, et al. *Horm Metab Res* 6:132-6, Mar 74
- Editorial: Assay of plasma thyrotrophin—an important advance in study of pituitary thyroid axis. Rastogi GK. *J Assoc Physicians India* 21:235-6, Feb 73
- TRH stimulated TSH response in euthyroid healthy subjects and patients with thyroid dysfunction. Rastogi GK, et al. *J Assoc Physicians India* 21:627-31, Aug 73
- Plasma thyroid stimulating hormone (TSH) levels in health and thyroid disorders. Rastogi GK, et al. *J Assoc Physicians India* 21:183-8, Feb 73
- Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al. *J Clin Endocrinol Metab* 38:1083-9, Jun 74
- A study of thyrotrophin deficiencies by the combination of two tests of TSH function. Berthezene F, et al. *J Clin Endocrinol Metab* 38:1068-74, Jun 74
- Unaltered plasma GH levels in acromegals and normal men and women after administration of (Pyro)Glu-Ser-Gly-NH₂, a proposed GH-releasing hormone. Gonzalez-Barcelona D, et al. *J Clin Endocrinol Metab* 38:1134-6, Jun 74
- Falsely positive bovine TSH radioimmunoassay responses in sera from patients with thyroid cancer. Greenspan FS, et al. *J Clin Endocrinol Metab* 38:1121-2, Jun 74
- Glandular end organ deficiency associated with

- secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74
- Studies of prolactin and TSH secretion by continuous infusion of small amounts of thyrotropin-releasing hormone (TRH). Noel GL, et al. *J Clin Endocrinol Metab* 39:6-17, Jul 74
- The effect of starvation on the concentration and binding of thyroxine and triiodothyronine in serum and on the response to TRH. Portnay GI, et al. *J Clin Endocrinol Metab* 39:191-4, Jul 74
- Serum growth hormone and prolactin response to thyrotropin-releasing hormone in patients with acromegaly before and after surgery. Samaan NA, et al. *J Clin Endocrinol Metab* 38:957-63, Jun 74
- Transient lack of thyrotropin (TSH) response to thyrotropin-releasing hormone (TRH) in treated hyperthyroid patients with normal or low serum thyroxine (T4) and triiodothyronine (T3). Sanchez-Franco F, et al. *J Clin Endocrinol Metab* 38:1098-102, Jun 74
- Serum gonadotropins in hypothyroid girls with and without sexual precocity. Lee PA, et al. *Johns Hopkins Med J* 135:55-60, Jul 74
- Letter: Thyrotrophin (T.S.H.) after iodine-131 therapy. Gibberd M, et al. *Lancet* 1:1048, 25 May 74
- Hypothalamic-pituitary-thyroid axis in breast cancer. Mittra I, et al. *Lancet* 1:885-9, 11 May 74
- Letter: Serum F.T.I. and T.S.H. in iodine-131-treated hyperthyroidism. Toft AD, et al. *Lancet* 1:1284, 22 Jun 74
- Editorial: The thyroid, prolactin, and breast cancer. *Lancet* 1:908-9, 11 May 74
- Effect of propranolol on various aspects of thyroid function in the rat. Azizi F, et al. *Metabolism* 23:525-9, Jun 74
- Endocrine manifestations of diphenylhydantoin therapy. Gharib H, et al. *Metabolism* 23:515-24, Jun 74
- Proceedings: Evaluation of a rat thyrotrophin radioimmunoassay and its applications. Shale DJ, et al. *N Engl J Med* 291:xlxi, 11 Jun 74
- Proceedings: Introduction of a new stimulation test for prolactin: the sulphuride test; a comparison with other dynamic function tests. Thorner MD, et al. *N Engl J Med* 291:lxviii, 11 Jun 74
- Letter: Replacement treatment of hypothyroidism. *N Engl J Med* 291:100-3, 11 Jun 74
- The influence of the circadian thyrotropin rhythm on the thyrotropin response to thyrotropin-releasing hormone in normal subjects. Weeke J. *Scand J Clin Lab Invest* 33:17-20, Feb 74
- New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease. McDougall IR, et al. *Scott Med J* 19:165-9, Jul 74 (36 ref.)
- Kinetics of thyroxine and triiodothyronine in a case of thyroxine-binding globulin deficiency with hypothyroidism. Sakurada T, et al. *Tohoku J Exp Med* 112:133-40, Feb 74
- [Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al. *Neurochirurgie* 19:531-6, Nov 73 (Eng. Abstr.) (Fre)
- [Editorial: New aspects of thyroid function exploration] Bellabarba D, et al. *Union Med Can* 103:641-2, Apr 74 (Fre)
- [T3-thyrotoxicosis in a 3-year-old girl (author's transl)] Lehr HJ, et al. *Dtsch Med Wochenschr* 99:1406-7, 28 Jun 74 (Eng. Abstr.) (Ger)
- [Hypogonadism due to luteotropin-releasing hormone (LHRH) deficiency in a child with Prader-Labhart-Willi syndrome (author's transl)] Morgner KD, et al. *Dtsch Med Wochenschr* 99:1196-8, 31 May 74 (Eng. Abstr.) (Ger)
- [Influence of hemodialysis on hormone status of terminal kidney failed patients] Bindeballe W, et al. *Verh Dtsch Ges Inn Med* 79:1249-52, 1973 (Ger)
- [Effect of L-dopa on TSH secretion mechanism in the course of treatment for hyperthyroidism] Nakamura Y, et al. *Clin Endocrinol (Tokyo)* 22:403-8, Mar 74 (Jap)
- [Effect of L-dopa on hypothalamic-pituitary-thyroid axis in the rats] Tonooka N, et al. *Folia Endocrinol Jap* 50:30-41, 20 Jan 74 (Jap)
- [Results of radioimmunoassay determination of thyrotropin hormone in hypothyroidism] Kosowicz J, et al. *Pol Tyg Lek* 29:597-9, 15 Apr 74 (Eng. Abstr.) (Pol)
- [Plasma TSH and circulating thyroid hormone (T3 and T4) levels in patients with goiter and endemic

cretinism] Medeiros Neto GA de, et al. *Rev Assoc Med Bras* 20:7-12, Jan 74 (Eng. Abstr.) (Spa)

DIAGNOSTIC USE

- Classification of hypothyroidism in evaluating patients after radioliodine therapy by serum cholesterol, T3-uptake, Total T4, FT4-index, total T3, basal TSH and TRH-test. Wenzel KW, et al. *Eur J Clin Invest* 4:141-8, Apr 74
- Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74

METABOLISM

- Pituitary thyrotroph function in hypothyroid rats. Ching M, et al. *Acta Endocrinol (Kbh)* 75:221-32, Feb 74
- Effect of lithium on delodinating activity of various rat tissues in vitro. Männistö PT. *Acta Endocrinol (Kbh)* 76:260-72, Jun 74
- An integrated direct functional test of the adenohypophysis. Rakoff J, et al. *Am J Obstet Gynecol* 119:358-68, 1 Jun 74
- Thyroid function in euthyroid subjects with autonomous thyroid nodules. Evered DC, et al. *Clin Endocrinol (Oxf)* 3:149-54, Apr 74
- Observations on the effects of chromate on the thyroid. Chiraseveenuprapund P, et al. *Endocrinology* 94:1714-22, Jun 74
- Localization of thyrotropin-releasing factor (TRF) in the hypothalamus of the rat. Krulich L, et al. *Endocrinology* 95:9-17, Jul 74
- Thyrotropin-binding properties of isolated thyroid cells and their purified plasma membranes. Relation of thyrotropin-specific binding to adenylate-cyclase activation. Verrier B, et al. *Eur J Biochem* 42:355-65, 1 Mar 74
- Prolactin and thyrotropin in thyroid diseases: lack of evidence for a physiological role of thyrotropin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al. *Horm Metab Res* 6:190-5, May 74
- Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al. *Int J Cancer* 12:100-14, 15 Jul 73
- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. *J Clin Invest* 53:1588-98, Jun 74
- The thyrotrophin receptor in guinea-pig thyroid homogenate: interaction with the long-acting thyroid stimulator. Manley SW, et al. *J Endocrinol* 61:437-45, Jun 74
- The thyrotrophin receptor in guinea-pig thyroid homogenate: general properties. Manley SW, et al. *J Endocrinol* 61:419-36, Jun 74
- Proceedings: Thyroid-stimulating hormone binding to human thyroid membranes and solubilized receptors. Nussey SS, et al. *N Engl J Med* 291:lvii, 11 Jun 74
- The influence of the circadian thyrotropin rhythm on the thyrotropin response to thyrotropin-releasing hormone in normal subjects. Weeke J. *Scand J Clin Lab Invest* 33:17-20, Feb 74

PHARMACODYNAMICS

- Participation of hormone in the early stages of the immune response. Maor D, et al. *Acta Endocrinol (Kbh)* 75:205-8, Jan 74
- A new in vitro method for assay of the biological activity of growth hormone. Saxena RK, et al. *Acta Endocrinol (Kbh)* 76:248-59, Jun 74
- Effect of iodide and thyrotrophin on in vitro 14C-amino acid incorporation into rat thyroid proteins. Valenta LJ. *Acta Endocrinol (Kbh)* 76:273-85, Jun 74
- Stimulation by thyrotrophin of horse thyroid plasma membranes adenylate cyclase: evidence of cooperativity. Boeynaems JM, et al. *Biochem Biophys Res Commun* 58:446-53, 20 May 74
- Regulation by various hormones and agents of adenosine-3',5'-monophosphate levels in islets of Langerhans of rats. Kuo WN, et al. *Biochem Pharmacol* 23:1387-91, 1 May 74
- Studies on thyroid stimulating hormone and the long-acting thyroid stimulating hormone. Bitensky L, et al. *Clin Endocrinol (Oxf)* 3:363-74, Jul 74
- Thyroid function in euthyroid subjects with

- autonomous thyroid nodules. Evered DC, et al. *Clin Endocrinol (Oxf)* 3:149-54, Apr 74
- Ultrastructural localization of peroxidase on pseudopods and other structures of the typical thyroid epithelial cell. Tice LW, et al. *Endocrinology* 94:1555-67, Jun 74
- Thyrotropin-binding properties of isolated thyroid cells and their purified plasma membranes. Relation of thyrotropin-specific binding to adenylate-cyclase activation. Verrier B, et al. *Eur J Biochem* 42:355-65, 1 Mar 74
- Effects of "hypophysectomy" by surgical decapitation on histochemically demonstrable peroxidase activity in the thyroid gland of the developing chick embryo. Thommes RC, et al. *Gen Comp Endocrinol* 23:52-7, May 74
- A study of thyrotropin deficiencies by the combination of two tests of TSH function. Berthezene F, et al. *J Clin Endocrinol Metab* 38:1068-74, Jun 74
- A re-examination of the tadpole in metamorphic stasis as a recipient in a bioassay for thyroid-stimulating hormone. Ching M. *J Endocrinol* 61:15-9, Apr 74
- [Studies of the variability of action of pituitary hormones. I. TSH] De Luca R, et al. *Boll Soc Ital Biol Sper* 49:615-8, 15 Jul 73 (Ita)

PHYSIOLOGY

- Proceedings: Neuroendocrinology of lactation. Meltes J. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)
- [Study of human thyroid stimulator (HTS): comparison with LATS] Onaya T, et al. *Clin Endocrinol (Tokyo)* 22:394-6, Mar 74 (10 ref.) (Jap)

SECRETION

- Pituitary ⁴⁵Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al. *Am J Physiol* 226:1315-20, Jun 74
- Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (94 ref.)
- The cell-types in the adenohypophysis of the Indian catfish *Heteropneustes fossilis* (Bloch). Baker BI, et al. *Cell Tissue Res* 148:347-58, 30 Apr 74
- Ectopic hormone production by non-endocrine tumours. Rees LH, et al. *Clin Endocrinol (Oxf)* 3:263-99, Jul 74 (94 ref.)
- Hypothalamic control of anterior pituitary hormone secretion--characterized hypothalamic-hypophyseotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
- Studies of prolactin and TSH secretion by continuous infusion of small amounts of thyrotropin-releasing hormone (TRH). Noel GL, et al. *J Clin Endocrinol Metab* 39:6-17, Jul 74
- Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
- Proceedings: The effect of thyrotrophin releasing factor on the secretion of thyroid stimulating hormone and prolactin from the chicken anterior pituitary gland. Bolton N, et al. *J Physiol (Lond)* 236:78P-79P, Apr 74
- [Inhibition of TSH secretion by hypoglycemia] Londong V, et al. *Verh Dtsch Ges Inn Med* 79:1235-7, 1973 (Ger)
- [On the pituitary TSH response to different dosage of thyrotropin-releasing factor (TRF) (author's transl)] Sakoda M, et al. *J Jap Soc Intern Med* 62:1520-8, Nov 73 (Jap)
- [Senescence and hormones] Ibayashi H, et al. *Jap J Clin Med* 32:20-9, Jan 74 (40 ref.) (Jap)

VASOPRESSIN

- Rate and extent of adaptive cardiovascular changes in rats during experimental renal hypertension. Lundgren Y, et al. *Acta Physiol Scand* 91:103-15, May 74
- Interaction of vasopressin with phosphatidylserine bilayers. Bach D, et al. *Biochim Biophys Acta* 339:367-73, 29 Mar 74
- Purification of neurophysins by affinity chromatography. Frénay JP, et al. *Eur J Biochem* 43:371-5, 1 Apr 74
- Structure of the porcine vasoactive intestinal octacosapeptide. The amino-acid sequence. Use of kallikrein in its determination. Mutt V, et al. *Eur J Biochem* 42:581-9, 1 Mar 74
- Conformational flexibility of the neurohypophyseal

- hormones oxytocin and lysine-vasopressin. A carbon-13 spin-lattice relaxation study of backbone and side chains. Deslauriers R, et al. *J Am Chem Soc* 96:2289-91, 3 Apr 74
- Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. Diliberto EJ Jr, et al. *Proc Natl Acad Sci USA* 71:1701-4, May 74

ADMINISTRATION & DOSAGE

- Portal pressure change after injection of bradykinin and vasopressin in celiac and superior mesenteric artery. Lunderquist A, et al. *Acta Chir Scand* 140:214-6, 1974
- Inhibition of natriuretic hormone secretion by intracarotid infusions of slightly hypertonic non-electrolyte solutions. Olsson K, et al. *Acta Endocrinol (Kbh)* 76:53-8, May 74
- Vascular complications of superior mesenteric artery infusion with pitressin in treatment of bleeding esophageal varices. Berardi RS. *Am J Surg* 127:757-61, Jun 74
- Diagnosis by selective arteriography in hemorrhage resulting from typhoid fever. Suchato C, et al. *Ann Surg* 179:941-4, Jun 74
- Clinical value of the combinations of carbamazepine (tegretol), chlorpropamide (diabinese) and vasopressin in the treatment of pituitary diabetes insipidus. Radó JP, et al. *Endokrinologie* 62:297-309, 1973
- Significance of microvascular changes in development of stress ulcer. Hemmati S, et al. *Gastroenterology* 66:1269-71, Jun 74
- Localized behavioral effects of vasopressin on maintenance of an active avoidance response in rats. King AR, et al. *J Comp Physiol Psychol* 86:1008-18, Jun 74
- Monitoring direct intra-arterial vasopressor therapy for gastrointestinal bleeding. Cohn BE. *J Med Soc NJ* 71:473-6, Jun 74
- Pharmacologic control of hemorrhagic gastritis: clinical and experimental results. White RI Jr, et al. *Radiology* 111:549-57, Jun 74
- [Gastric acid secretion under the influence of intravenously applied phenylalanine2-lys8-vasopressin (Octapressin) (author's transl)] Mertz DP, et al. *Med Klin* 69:699-703, 19 Apr 74 (Eng. Abstr.) (Ger)

ADVERSE EFFECTS

- Vascular complications of superior mesenteric artery infusion with pitressin in treatment of bleeding esophageal varices. Berardi RS. *Am J Surg* 127:757-61, Jun 74
- Addition of isoproterenol to reduce risk of vasopressin therapy. Skivolecki WP, et al. *Surg Forum* 23:336-7, 1972
- [Gastric acid secretion under the influence of intravenously applied phenylalanine2-lys8-vasopressin (Octapressin) (author's transl)] Mertz DP, et al. *Med Klin* 69:699-703, 19 Apr 74 (Eng. Abstr.) (Ger)

ANALYSIS

- The vasopressin and oxytocin content in the hypothalamus and neurohypophysis during long-time dehydration in rats. Guzek JW, et al. *Acta Physiol Pol* 25:187-9, Mar-Apr 74
- Purification and characterization of porcine corticotrophin-like intermediate lobe peptide. Scott AP, et al. *J Endocrinol* 61:369-80, Jun 74
- [Structure and properties of hypophyseal hormones. 1. Peptide hormones of the pituitary gland] Pankov IaA. *Probl Endokrinol (Mosk)* 20:106-14, Mar-Apr 74 (Rus)

ANTAGONISTS & INHIBITORS

- Proceedings: Effects of prostaglandin E1 and an endogenous inhibitor of vasopressin action on the cyclic AMP system in toad bladders. Besley GT, et al. *J Endocrinol* 61:33-4, Apr 74
- Factors affecting fluid movement and intercellular space formation in the toad bladder. Croker BP Jr, et al. *Kidney Int* 1:145-55, Mar 72

BLOOD

- Multiple hormones in a bronchial tumor. Rees LH, et al. *J Clin Endocrinol Metab* 38:1090-7, Jun 74
- [Concerning the discussion of the article by A.K. Merzon and L.V. Khorunzhaia "Role of antidiuretic hormone in the disorders of water-electrolyte balance in cardiac insufficiency"] Solov'eva LP. *Kardiologiya* 15:151-4, 1974 (Rus)
- [State of hypothalamic neurosecretory nuclei following the combined effect of acceleration and ionizing radiation] Andrianova LA. *Kosm Biol Aviakosm Med* 8:14-7, May-Jun 74 (Eng. Abstr.) (Rus)

CHEMICAL SYNTHESIS

- Synthesis and some pharmacological properties of 8-L-homoarginine-vasopressin and of 1-deamino-8-L-homoarginine-vasopressin. Lindeberg G, et al. *J Med Chem* 17:781-3, Jul 74

DIAGNOSTIC USE

- Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74
- Recovery of hypothalamic-pituitary-adrenal function, growth hormone responsiveness and sleep EEG pattern in a patient following removal of an adrenal cortical adenoma. Krieger DT, et al. *J Clin Endocrinol Metab* 38:1075-82, Jun 74
- A preview of growth hormone stimulation tests in children. Frasler SD. *Pediatrics* 53:929-37, Jun 74

METABOLISM

- Calcium and stimulus-secretion coupling in the neurohypophysis. I. 45-Calcium transport and vasopressin release in slices from ox neurohypophyses stimulated electrically or by a high potassium concentration. Russell JT, et al. *Acta Endocrinol (Kbh)* 76:449-70, Jul 74
- Calcium and stimulus-secretion coupling in the neurohypophysis. II. Effects of lanthanum, a verapamil analogue (D600) and prenilyamine on 45-calcium transport and vasopressin release in isolated rat neurohypophyses. Russell JT, et al. *Acta Endocrinol (Kbh)* 76:471-87, Jul 74
- Inhibition by diphenylhydantoin of vasopressin release from isolated rat neurohypophyses. Guzek JW, et al. *Acta Pharmacol Toxicol (Kbh)* 34:1-4, Jan 74
- Effect of lowered CSF sodium concentration on the central control of fluid balance. Eriksson L. *Acta Physiol Scand* 91:61-8, May 74
- [Effect of artificial atmospheric ionization on urinary sodium and potassium excretion] Olivereau JM. *C R Acad Sci [D] (Paris)* 276:777-80, 29 Jan 73 (Fre)
- [Concerning the discussion of the article by A.K. Merzon and L.V. Khorunzhaia "Role of antidiuretic hormone in the disorders of water-electrolyte balance in cardiac insufficiency"] Solov'eva LP. *Kardiologiya* 15:151-4, 1974 (Rus)

PHARMACODYNAMICS

- Portal pressure change after injection of bradykinin and vasopressin in celiac and superior mesenteric artery. Lunderquist A, et al. *Acta Chir Scand* 140:214-6, 1974
- Hyperresponsiveness to lysine-vasopressin in Cushing's disease. Coslovsky R, et al. *Acta Endocrinol (Kbh)* 75:125-32, Jan 74
- Diagnostic value of mannitol-induced diuresis in children. Oetliker OH, et al. *Acta Paediatr Scand* 63:113-21, Jan 74
- Renal and hepatic toxicity of methoxyflurane in combination with tetracycline or oxytetracycline treatment in rats. Rosenberg PH, et al. *Acta Pharmacol Toxicol (Kbh)* 34:46-57, Jan 74
- Analysis of design and reactivity of series-coupled vascular sections in spontaneously hypertensive rats (SHR). Folkow B, et al. *Acta Physiol Scand* 90:654-6, Mar 74
- Effect of PGE₁, indomethacin, and polyphloretin phosphate on toad bladder response to ADH. Albert WC, et al. *Am J Physiol* 226:1382-6, Jun 74
- Pituitary 45 Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al. *Am J Physiol* 226:1315-20, Jun 74

- Aldosterone stimulation of acidification of urine by isolated urinary bladder of the Colombian toad. Ludens JH, et al. *Am J Physiol* 226:1321-6, Jun 74
- Effect of hyperosmolality on renal uridine metabolism. Toback FG, et al. *Am J Physiol* 226:1474-9, Jun 74
- Renal effects and metabolism of isoflurane in man. Mazze RI, et al. *Anesthesiology* 40:536-42, Jun 74
- Purification and properties of an amine oxidase in bovine dental pulp and its comparison with serum amine oxidase. Nakano G, et al. *Biochim Biophys Acta* 341:366-77, 25 Apr 74
- Structural changes in the arginine vasopressin molecule that prolong its antidiuretic action. Sawyer WH, et al. *Endocrinology* 95:140-9, Jul 74
- The effect of antidiuretic hormone on the extravascular protein in the renal medulla. Moffat DB, et al. *Experientia* 30:556-7, 15 May 74
- A comparison between the bile acid concentration and the inorganic cation-anion difference in dog bile. Kutz K, et al. *Gastroenterology* 67:135-41, Jul 74
- Osmoreceptor function among the elderly. Mukherjee AP, et al. *Gerontol Clin (Basel)* 15:227-33, 1973
- Effect of growth hormone on sodium transport and osmotic water flow across toad skin. Rabkin R, et al. *Horm Metab Res* 6:129-32, Mar 74
- Stimulation and desensitization of macrophage adenylate cyclase by prostaglandins and catecholamines. Remold-O'Donnell E. *J Biol Chem* 249:361-21, 10 Jun 74
- Vasopressin-induced changes in the toad urinary bladder epithelial surface. Davis WL, et al. *J Cell Biol* 61:544-7, May 74
- Regulation of aldosterone in the syndrome of inappropriate antidiuretic hormone secretion (SIADH). Fichman MP, et al. *J Clin Endocrinol Metab* 39:136-44, Jul 74
- Localized behavioral effects of vasopressin on maintenance of an active avoidance response in rats. King AR, et al. *J Comp Physiol Psychol* 86:1008-18, Jun 74
- Proceedings: Effects of prostaglandin E₁ and an endogenous inhibitor of vasopressin action on the cyclic AMP system in toad bladders. Besley GT, et al. *J Endocrinol* 61:33-4, Apr 74
- Effects of vasopressin on toad bladder membrane proteins: relationship to transport of sodium and water. Ferguson DR, et al. *J Endocrinol* 61:501-7, Jun 74
- Genetic study of the effects of (8-arginine)- and (8-lysine)-vasopressins on adenyl cyclase activity of mouse kidney. Stewart AD. *J Endocrinol* 61:447-54, Jun 74
- Synthesis and some pharmacological properties of 8-L-homoarginine-vasopressin and of 1-deamino-8-L-homoarginine-vasopressin. Lindeberg G, et al. *J Med Chem* 17:781-3, Jul 74
- Effects of verapamil on the short-circuit current of an epithelial membrane: the toad urinary bladder. Bentley PJ. *J Pharmacol Exp Ther* 189:563-9, May 74
- Transcellular fluid formation and vascular permeability increase by angiotensins. Mizogami S, et al. *Jap Circ J* 37:1439-43, Dec 73
- Role of beta-receptor vascular tone in the vasodilating action of some drugs. Yamamoto J, et al. *Jap Circ J* 37:1427-31, Dec 73
- Proceedings: Effect of antidiuretic hormone on cyclic adenosine 3',5'-monophosphate levels in rat kidney cells in culture. Sato A, et al. *Jap J Pharmacol* 24:Suppl:47, 1974
- Proceedings: On the pressor action of propranolol in the rat. Sekiya A, et al. *Jap J Pharmacol* 24:Suppl:70, 1974
- Proceedings: Regional differences in the sensitivity to several bioactive peptides in the venous system of dog. Tsuru H, et al. *Jap J Pharmacol* 24:Suppl:76, 1974
- The acutely reduced kidney. Allison ME, et al. *Kidney Int* 3:354-63, Jun 73
- Factors affecting fluid movement and intercellular space formation in the toad bladder. Croker BP Jr, et al. *Kidney Int* 1:145-55, Mar 72
- Effect of vasopressin on sodium transport in renal cortical collecting tubules. Frindt G, et al. *Kidney Int* 1:224-31, Apr 72
- Chemical and dimensional characterization of the renal countercurrent system in mice. Kettyle WM, et al. *Kidney Int* 1:135-44, Mar 72
- Influence of aldosterone on sodium, water and potassium metabolism in chronic renal disease. Schrier RW, et al. *Kidney Int* 1:156-68, Mar 72
- Facilitation of development of resistance to morphine

- analgesia by desglycinamide9-lysine vasopressin. Krivoy WA, et al.
Proc Natl Acad Sci USA 71:1852-6, May 74
 Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL. *Prog Brain Res* 39:361-72, 1973 (33 ref.)
 Peptide regulation of bursting pacemaker activity in a molluscan neurosecretory cell. Barker JL, et al. *Science* 184:1371-3, 28 Jun 74
 The polyuria of sepsis. Hermreck AS, et al. *Surg Forum* 23:53-5, 1972
 Addition of isoproterenol to reduce risk of vasopressin therapy. Skivolocki WP, et al. *Surg Forum* 23:336-7, 1972
 Influence of vasopressin and topical bile salts on the gastric mucosal barrier of the subhuman primate. Ritchie WP Jr. *Surgery* 75:853-60, Jun 74
 Total body potassium in surgical patients. Shizgal HM, et al. *Surgery* 75:900-907, Jun 74
 [Hypogonadism due to luteotropin-releasing hormone (LHRH) deficiency in a child with Prader-Labhart-Willi syndrome (author's transl)] Morgner KD, et al.
Dtsch Med Wochenschr 99:1196-8, 31 May 74 (Eng. Abstr.) (Ger)
 [Gastric acid secretion under the influence of intravenously applied phenylalanine2-lys8-vasopressin (Octapressin) (author's transl)] Mertz DP, et al.
Med Klin 69:699-703, 19 Apr 74 (Eng. Abstr.) (Ger)
 [Behavior of plasma free fatty acids under lysinvasopressin, propranolol and phenolamine] Morgner KD, et al.
Verh Dtsch Ges Inn Med 79:1296-8, 1973 (Ger)
 [Effect of several drugs on the development of stress ulcer and seepage of a pigment from the stomach of rats] Nakane S, et al.
Folia Pharmacol Jap 70:1-7, Jan 74 (Eng. Abstr.) (Jap)

PHYSIOLOGY

- Review: The endocrine glands in infantile malnutrition. Godard C. *Helv Paediatr Acta* 29:5-26, Apr 74 (113 ref.)
 [Renal anatomy and physiology. (3). 2. Renal physiology] Kosaka F.
Jap J Anesthesiol 23:36-41, Jan 74 (Jap)
 [Is the activity of the antidiuretic hormone system increased in cardiac insufficiency?] Vinogradov AV, et al. *Kardiologia* 15:147-51, 1974 (Rus)
 [Structure and properties of hypophyseal hormones. 1. Peptide hormones of the pituitary gland] Pankov IuA. *Probl Endokrinol (Mosk)* 20:106-14, Mar-Apr 74 (Rus)

SECRETION

- Pituitary adenoma associated with inappropriate antidiuretic hormone secretion. Greiss KC, et al. *Acta Endocrinol (Kbh)* 76:59-66, May 74
 Inhibition of antidiuretic hormone secretion by intracarotid infusions of slightly hypertonic non-electrolyte solutions. Olsson K, et al. *Acta Endocrinol (Kbh)* 76:53-8, May 74
 Human rabies. Diagnosis, complications, and management. Bhatt DR, et al.
Am J Dis Child 127:862-9, Jun 74
 Reset of osmoreceptors in association with normovolemic hyponatremia. Michells MF, et al. *Am J Med Sci* 267:267-73, May 74
 Vincristine neurotoxicity. Rosenthal S, et al. *Ann Intern Med* 80:733-7, Jun 74 (62 ref.)
 Ectopic hormone production by non-endocrine tumours. Rees LH, et al.
Clin Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)
 Kidney function during anesthesia and hemorrhage. Deutsch S.
Int Anesthesiol Clin 12:109-25, Spring 74 (27 ref.)
 Regulation of aldosterone in the syndrome of inappropriate antidiuretic hormone secretion (SIADH). Fichman MP, et al.
J Clin Endocrinol Metab 39:136-44, Jul 74
 Tumour-associated hormonal products. Landon J, et al. *J Clin Pathol [Suppl]* 7:127-34, 1974 (58 ref.)
 Proceedings: Effects of histamine and related compounds on the release of antidiuretic hormone. Ito K, et al. *Jap J Pharmacol* 24:Suppl:128, 1974
 Letter: Hyperthyroidism, Schwartz-Bartter syndrome, and oat-cell carcinoma. Cattani D, et al. *Lancet* 1:938, 11 May 74
 Neurotoxicity of commonly used antineoplastic agents

- (second of two parts). Weiss HD, et al. *Lancet* 1:127-33, 29 Jun 74 (73 ref.)
 Vasopressin release from the isolated neurohypophysis induced by a calcium ionophore, X-537A. Nakazato Y, et al. *Nature* 249:479-81, 31 May 74
 Inappropriate secretion of antidiuretic hormone. Mendoza SA, et al. *West J Med* 121:45-9, Jul 74
 Editorial: "Inappropriate" versus "appropriate" antidiuretic hormone secretion. Schrier RW.
West J Med 121:62-4, Jul 74
 [Proceedings: 303. The effect of the fastigial pressor response on ADH secretion (author's transl)] Hata N, et al. *J Physiol Soc Jap* 35:510, Aug-Sep 73 (Jap)
 [Concerning the discussion of the article by A.K. Merzon and L.V. Khorunzhala "Role of antidiuretic hormone in the disorders of water-electrolyte balance in cardiac insufficiency"] Solov'eva LP.
Kardiologia 15:151-4, 1974 (Rus)
 [Is the activity of the antidiuretic hormone system increased in cardiac insufficiency?] Vinogradov AV, et al. *Kardiologia* 15:147-51, 1974 (Rus)

THERAPEUTIC USE

- Vascular complications of superior mesenteric artery infusion with pitressin in treatment of bleeding esophageal varices. Berardi RS.
Am J Surg 127:757-61, Jun 74
 Diagnosis by selective arteriography in hemorrhage resulting from typhoid fever. Suchato C, et al. *Ann Surg* 179:941-4, Jun 74
 Clinical value of the combinations of carbamazepine (tegretol), chlorpropamide (diabinese) and vasopressin in the treatment of pituitary diabetes insipidus. Radó JP, et al.
Endokrinologie 62:297-309, 1973
 Monitoring direct intra-arterial vasopressor therapy for gastrointestinal bleeding. Cohn BE.
J Med Soc NJ 71:473-6, Jun 74
 Pharmacologic control of hemorrhagic gastritis: clinical and experimental results. White RI Jr, et al. *Radiology* 111:549-57, Jun 74
 Addition of isoproterenol to reduce risk of vasopressin therapy. Skivolocki WP, et al. *Surg Forum* 23:336-7, 1972
 [Diagnosis and treatment of portal hypertension] Brandten KH, et al.
Ned Tijdschr Geneesk 118:960-70, 22 Jun 74 (29 ref.) (Dut)
 [Life-threatening complications in the course of untreated diabetes insipidus of hypothalamic-hypophyseal origin] Bobrowski H, et al. *Poi Tyg Lek* 29:993-4, 10 Jun 74 (Eng. Abstr.) (Pol)

URINE

- Pituitary adenoma associated with inappropriate antidiuretic hormone secretion. Greiss KC, et al. *Acta Endocrinol (Kbh)* 76:59-66, May 74

VASOTOCIN

ADMINISTRATION & DOSAGE

- The effect of arginine vasotocin on blood volume, plasma protein and electrolyte concentrations in the cockerel, *Gallus domesticus*. Rząsa J, et al.
Br Poult Sci 15:261-5, May 74

ANALYSIS

- The pharmacological characterization of arginine vasotocin in the pituitary of the pacific hagfish (*Pollatotrema stoutii*). Rurak DW, et al.
Gen Comp Endocrinol 22:480-8, Apr 74

CEREBROSPINAL FLUID

- Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)

PHARMACODYNAMICS

- The effect of arginine vasotocin on blood volume, plasma protein and electrolyte concentrations in the cockerel, *Gallus domesticus*. Rząsa J, et al.
Br Poult Sci 15:261-5, May 74
 Effect of vasotocin and glucagon on plasma growth

VASOTOCIN

PITUITARY

hormone levels in the pigeon. John TM, et al.
Comp Biochem Physiol [A] 48:521-6, 1 Jul 74
Renal diuresis and antidiuresis after injections of
arginine vasotocin in the freshwater eel (*Anguilla*
anguilla L.). Henderson IW, et al.
J Endocrinol 61:487-500, Jun 74

PITUITARY

IV. Related Topics

HYPOPHYSECTOMY

- Effects of hypophysectomy with or without ACTH maintenance therapy on the final steps of aldosterone biosynthesis in the rat. Baumann K, et al.
Acta Endocrinol (Kbh) 76:102-16, May 74
- An improved technique for measuring somatomedin activity in vitro. Brande JL van den, et al.
Acta Endocrinol (Kbh) 75:233-42, Feb 74
- Bioassay of growth hormone and prolactin preparations by determination of longitudinal bone growth with tetracycline. Thorngren KG, et al.
Acta Endocrinol (Kbh) 76:35-52, May 74
- Effect of withdrawal of growth hormone administration on longitudinal bone growth in the hypophysectomized rat. Thorngren KG, et al.
Acta Endocrinol (Kbh) 75:11-23, Jan 74
- Amino acid absorption and incorporation after hypophysectomy. Levitan R, et al.
Am J Dig Dis 19:525-32, Jun 74
- The therapy of diabetic retinopathy. Francois J, et al.
Ann Ophthalmol 6:547-50 passim, Jun 74
- Cyclical combination chemotherapy in advanced breast cancer. Edelstyn GA, et al.
Ann R Coll Surg Engl 54:275-6, Jun 74
- Behavioral thermoregulation in hypophysectomized and sham-operated rainbow trout, *Salmo gairdneri*. Frank LH, et al. *Behav Biol* 11:101-8, May 74
- Functional and morphological effects of hypophysectomy and androgen replacement in the rabbit epididymis. Orgebin-Crist MC, et al.
Cell Tissue Res 148:183-201, 11 Apr 74
- Salivary gland enlargement in acromegaly. Thomson JA, et al. *Clin Endocrinol (Oxf)* 3:1-4, Jan 74
- Experimental insulin deficiency due to insulin antibodies as a model for study of some antidiabetic effects. Andreev D, et al.
Endocrinol Exp (Bratisl) 8:127-35, Jun 74
- Mechanisms regulating ovarian cycle in the toad *Bufo bufo* (L): role of presence of second growth phase oocytes in controlling recruitment from pool of first growth phase oocytes. Barker Jorgensen C. *Gen Comp Endocrinol* 23:170-7, Jun 74
- Comparative effects of hypophysectomy, ergocornine and ergocornine-reserpine treatments on rat mammary carcinoma. Welch CW, et al.
Int J Cancer 12:208-12, 15 Jul 73
- Serum growth hormone and prolactin response to thyrotropin-releasing hormone in patients with acromegaly before and after surgery. Samaan NA, et al. *J Clin Endocrinol Metab* 38:957-63, Jun 74
- Hormones and neoplasia. Forrest AP.
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)
- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
- Hypophysectomy in metastatic prostate cancer. Thompson JB, et al. *NY State J Med* 74:1006-8, Jun 74
- Effect of hypophysectomy and pretreatment on uptake and retention of estradiol by the ovary. Saiduddin S, et al. *Proc Soc Exp Biol Med* 146:513-7, Jun 74
- Behavioral aspects of melanocyte-stimulating hormone (MSH). Kastin AJ, et al.
Frog Brain Res 39:461-70, 1973 (38 ref.)
- Transphenoidal microsurgery. Cirić IS, et al.
Surg Neurol 2:207-12, May 74
- [Acromegaly syndrome: choice of surgical technique] Basso A, et al.
Neurochirurgie 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
- [The rationale for hypophysectomy in hormone-dependent cancer] Bartal AD, et al.
Harefuah 86:326-30, 15 Mar 74 (Heb)
- [Hormone therapy of breast carcinoma] Bruni B.
G Batteriol Virol Immunol [Clin] 15:36-64, Jan-Aug 72 (Ita)
- [Stereotaxic surgery of the pituitary gland] Rusu M.
Rev Med Chir Soc Med Nat Iasi 77:423-32, Jul-Sep 73 (53 ref.) (Rum)

ADVERSE EFFECTS

- [Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al.
Neurochirurgie 19:531-6, Nov 73 (Eng. Abstr.) (Fre)

LACTATION

- Nocturnal plasma insulin levels in cows with varying levels of plasma ketone bodies; relations to plasma sugar and acetoacetate. Hove K.
Acta Endocrinol (Kbh) 76:513-24, Jul 74
- Calcium and phosphorus content of transitional and mature human milk. Barltrop D, et al.
Acta Paediatr Scand 63:347-50, May 74
- A pilot study of the quality of human milk in a lower socio-economic group in Karachi, Pakistan. Lindblad BS, et al. *Acta Paediatr Scand* 63:125-8, Jan 74
- Use of dimethyl sulfoxide-flumethasone combination for treatment of endotoxin-induced bovine mastitis. Carroll EJ, et al. *Am J Vet Res* 35:781-5, Jun 74
- Mode of transfer of antibiotics from treated to nontreated quarters in dairy cows. Ziv G, et al.
Am J Vet Res 35:643-7, May 74
- The reproductive cycle of the gelada baboon. Dunbar RI, et al. *Anim Behav* 22:203-10, Feb 74
- Distribution and blood-to-milk transfer of labeled antibiotics. Ziv G, et al.
Antimicrob Agents Chemother 3:607-13, May 73
- Evaluation of rifamycin SV and rifampin kinetics in lactating ewes. Ziv G, et al.
Antimicrob Agents Chemother 5:139-42, Feb 74
- Binding of antibiotics to bovine and ovine serum. Ziv G, et al. *Antimicrob Agents Chemother* 2:206-13, Sep 73
- Plasma cholesterol concentration in normal and cholesterol-fed rabbits. Its variation and heritability. Roberts DC, et al.
Atherosclerosis 19:369-80, May-Jun 74
- Concentrations of immunoglobulins and albumin in lymph collected from various regions of the body of the sheep. Beh KJ, et al.
Aust J Exp Biol Med Sci 52:81-6, Feb 74
- Resolution of two protein kinase modulators from lactating rat mammary gland. Majumder GC.
Biochem Biophys Res Commun 58:756-62, 4 Jun 74
- Identification of 6-0-beta-D-galactopyranosyl myo-inositol: a new form of myo-inositol in mammals. Naccarato WF, et al.
Biochem Biophys Res Commun 57:1026-31, 23 Apr 74
- Kappa-casein from bovine colostrum. Guérin J, et al.
Biochim Biophys Acta 351:325-32, 7 Jun 74
- The incidence of mastitis organisms in relation to advancement of lactation. Bagadi HO.
Br Vet J 130:33-5, Mar-Apr 74
- Clinical abnormalities of the mammary quarters of cows caused by mastitis and their effects on milk composition. King JO. *Br Vet J* 130:169-74, Mar-Apr 74
- Desaturation of long-chain fatty acids by tissue preparations of the sheep, rat and chicken. Wahle KW. *Comp Biochem Physiol [B]* 48:87-105, 15 May 74
- Intrauterine development after diapause in the marsupial *Macropus eugenii*. Renfree MB, et al.
Dev Biol 32:28-40, May 73
- Separation of pituitary mammatrophs from the female rat by velocity sedimentation at unit gravity. Hymer WC, et al. *Endocrinology* 95:107-22, Jul 74
- A comparative study of serum progesterone levels in pregnancy and in various types of pseudopregnancy in the rat. Pepe GJ, et al. *Endocrinology* 95:275-9, Jul 74
- Factors affecting the dependency of LH in the regulation of corpus luteum progesterone secretion in the rat. Rothchild I, et al.
Endocrinology 95:280-8, Jul 74
- Inhibition of rat prolactin release by apomorphine in vivo and in vitro. Smalstig EB, et al.
Endocrinology 95:123-9, Jul 74
- Effects of prenatal and postnatal nutritional deficiency on brain lipid composition in rats. Rajalakshmi R, et al.
Exp Neurol 44:103-12, Jul 74
- Influence of pregnancy and lactation on the healing

- processes of gastric and duodenal ulcer models in rat. Takeuchi K, et al. *Experientia* 30:366-8, 15 Apr 74
- Effect of dietary protein on glycine amidinotransferase activity in lactating rat tissue. Rao PU, et al. *Indian J Biochem Biophys* 10:269-72, Dec 73
- Nutrition and vitamin A. Sircar PK, et al. *Indian J Pediatr* 40:442-5, Dec 73
- Conjugated compounds in cow's milk. II. Brewington CR, et al. *J Agric Food Chem* 22:293-4, Mar-Apr 74
- Effect of dietary energy in gestation on reproductive performance of gilts. Buitrago JA, et al. *J Anim Sci* 39:47-52, Jul 74
- Luteinizing hormone release and ovulation in anestrus ewes. Lewis PE, et al. *J Anim Sci* 38:1197-203, Jun 74
- Casein kinase from the Golgi apparatus of lactating mammary gland. Bingham EW, et al. *J Biol Chem* 249:3647-51, 10 Jun 74
- Maternal behavior in the virgin and lactating rat. Fleming AS, et al. *J Comp Physiol Psychol* 86:957-72, May 74
- Synthesis of milk fat from beta-hydroxybutyrate and acetate in lactating goats. Smith GH, et al. *J Dairy Res* 41:175-91, Jun 74
- Effect of dietary sodium and potassium on udder edema in Holstein heifers. Randall WE, et al. *J Dairy Sci* 57:472-5, Apr 74
- Influence of mastitis on properties of milk. IX. Isolated caseins. Randolph HE, et al. *J Dairy Sci* 57:551-5, May 74
- Oxidation of medium chain fatty acids by the ruminant mammary gland. Swenson PE, et al. *J Dairy Sci* 57:290-5, Mar 74
- Gene frequencies of electrophoretically determined polymorphisms in Guernsey blood and milk. Zikakis JP, et al. *J Dairy Sci* 57:405-10, Apr 74
- Proceedings: The lack of response of the sheep pituitary to luteinizing hormone releasing hormone stimulation in gestation and early lactation; the probable role of progesterone. Jenkin G, et al. *J Endocrinol* 61:12-3, Apr 74
- Effect of suckling and associated factors on ovarian compensatory hypertrophy during lactation in the rat. Mena F, et al. *J Endocrinol* 61:317-30, Jun 74
- Transmission of rat virus in milk of rats. Kilham L, et al. *J Infect Dis* 129:737-40, Jun 74
- Proceedings: Hormones and other factors controlling growth in the mammary gland: a review. Ceriani RL. *J Invest Dermatol* 63:93-108, Jul 74 (215 ref.)
- Proceedings: Epidemiology of human breast cancer. Cole P. *J Invest Dermatol* 63:133-7, Jul 74 (33 ref.)
- Proceedings: Overview of the mammary gland. Cowie AT. *J Invest Dermatol* 63:2-9, Jul 74
- Proceedings: Biosynthesis and composition of milk. Jenness R. *J Invest Dermatol* 63:109-18, Jul 74 (44 ref.)
- Proceedings: The mammary glands of rhesus monkeys. Macpherson EE, et al. *J Invest Dermatol* 63:17-8, Jul 74
- Proceedings: Hormonal regulation of breast development and activity. Porter JC. *J Invest Dermatol* 63:85-92, Jul 74 (77 ref.)
- Rat alpha1 fetoprotein. V. Catabolism and fetal-maternal distribution. Sell S, et al. *J Natl Cancer Inst* 52:1483-9, May 74
- Milk as transport agent for diethylnitrosamine in Syrian golden hamsters. Spielhoff R, et al. *J Natl Cancer Inst* 53:281-2, Jul 74
- The metabolism of (14C) glucose by the brains of suckling rats intoxicated with inorganic lead. Patel AJ, et al. *J Neurochem* 22:581-90, Apr 74
- Changes with metabolic compartments in the brains of young rats ingesting lead. Patel AJ, et al. *J Neurochem* 22:591-8, Apr 74
- Effect of zinc deficiency during lactation on postnatal growth and development of rats. Mutch PB, et al. *J Nutr* 104:828-42, Jul 74
- In vivo intestinal absorption of hexose in growth-retarded suckling rat pups. Younoszai MK, et al. *J Nutr* 104:871-7, Jun 74
- The effect of lactation on the resumption of reproductive activity and the preOVULATORY RELEASE OF LH in Finn x Dorset ewes. Shevah Y, et al. *J Reprod Fertil* 38:369-78, Jun 74
- A review of some aspects concerning mating and reproduction in sheep. Tonder EM van. *J S Afr Vet Med Assoc* 43:329-42, Dec 72 (111 ref.)
- Nutritional studies in human lactation in Brazil. I. Chemical composition of breast milk. Carneiro T, et al. *J Trop Pediatr* 19:384-7, Dec 73
- Maternal nutrition and lactation performance: a study in urban Alexandria. Hanafy MM, et al. *J Trop Pediatr* 18:187-91, Sep 72
- A semisynthetic diet for long-term maintenance of hamsters to study effects of dietary vitamin A. Rogers AE, et al. *Lab Anim Sci* 24:495-9, Jun 74
- Fatty acid desaturation by mammary gland microsomes from lactating mice. Rao GA, et al. *Lipids* 9:269-71, Apr 74
- Acyl specificity in glyceride synthesis by lactating rat mammary gland. Tanloka H, et al. *Lipids* 9:229-34, Apr 74
- Serum follicle acid levels and pregnancy in South Australia. A study of the factors associated with low serum follicle acid levels with particular reference to racial groups and lactation. Cole JK, et al. *Med J Aust* 1:421-4, 23 Mar 74
- Radioimmunoassay of endogenous and exogenous prolactin in milk of rats. McMurtry JP, et al. *N Engl J Med* 291:211-7, 11 Jun 74
- The effects of oestrus and exogenous oestrogens on milk secretion in the goat. Peaker M, et al. *N Engl J Med* 291:231-40, 11 Jun 74
- Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the C3H-ST mouse. Sinha YN, et al. *N Engl J Med* 291:219-29, 11 Jun 74
- The effect of different dietary levels of essential fatty acids on growth of the rat. Alling C, et al. *Nutr Metab* 16:38-50, 1974
- Thiamine diphosphate content of liver mitochondria of the pregnant and developing rat. Hoekstra D, et al. *Nutr Metab* 16:317-23, 1974
- Effect of monosodium glutamate on fetus and newborn mouse. Semprini ME, et al. *Nutr Metab* 16:276-84, 1974
- Proceedings: Sensory regulation of maternal behavior in mammals. Herrenkohl LR, et al. *Physiol Behav* 9:689-92, Oct 72
- Maternal behavior in the rat: aspects of concaveation and neonatal androgen treatment. Quadagno DM. *Physiol Behav* 12:1071-4, Jun 74
- Protein-energy interrelationships in growth and lactation of cattle and sheep. Broster WH. *Proc Nutr Soc* 32:115-22, Sep 73 (54 ref.)
- Effect of stage of development and function on the template activity of rat mammary gland chromatin. Barker KL, et al. *Proc Soc Exp Biol Med* 145:1325-8, Apr 74
- Carbon-mercury bond breakage in milk, cerebrum, liver, and kidney of rats fed methyl mercuric chloride. Garcia JD, et al. *Proc Soc Exp Biol Med* 146:190-3, May 74
- The ability of hypothalamic extracts to lower blood prolactin levels in lactating rats. Kuhn E, et al. *Proc Soc Exp Biol Med* 146:104-5, May 74
- [Galactorrhea; diagnostic and therapeutic aspects] Verhoeven AT. *Ned Tijdschr Geneesk* 118:864-72, 8 Jun 74 (Dut)
- [Developments of A.I. in cattle from the point of view of technique (author's transl)] Dielen SW van. *Tijdschr Diergeneesk* 97:205-15, 15 Feb 72 (Eng. Abstr.) (Dut)
- [Oestrus synchronisation by simultaneous weaning of the piglets and its importance for the A.I. organization (author's transl)] Gemert W van. *Tijdschr Diergeneesk* 97:253-65, 15 Feb 72 (Eng. Abstr.) (Dut)
- [Data processing by a computer in A.I. (author's transl)] Leeuwen JF van. *Tijdschr Diergeneesk* 97:271-7, 15 Feb 72 (Eng. Abstr.) (Dut)
- [Variable effects of oxytocin and kinins on the intramammary pressure of a lactating ewe] Peeters G, et al. *Ann Biol Anim Biochim Biophys* 13:177-85, 1973 (Eng. Abstr.) (Fre)
- [The urine of the lactating female contains a pheromone stimulating aggression in small groups of female mice] Haug M. *C R Acad Sci [D] (Paris)* 277:2053-6, 12 Nov 73 (Fre)
- [Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al. *Dtsch Tierärztl Wochenschr* 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)
- [Etiology, clinical picture and therapy of the iron deficiency syndrome] Bruschke G. *Z Aerzt Fortbild (Jena)* 68:139-41, 1 Feb 74 (Ger)
- [Dynamics of prolactin in human blood] Inoue K, et al. *Clin Endocrinol (Tokyo)* 22:358-72, Mar 74 (42 ref.) (Jap)
- [Secretion dynamics of prolactin in livestock] Kamiya T.

Clin Endocrinol (Tokyo) 22:343-51, Mar 74 (60 ref.)
(Jap)

[The use of cytological examination of breast discharge in obstetrics (author's transl)] Wolyńska M.
Ann Univ Mariae Curie Skłodowska [Med] 28:249-55, 1973 (Eng. Abstr.)
(Pol)

[Oxytocic activity measurements in blood plasma of cows during milking] Barowicz T, et al.
Endokrynol Pol 25:83-93, Mar-Apr 74 (Eng. Abstr.)
(Pol)

[Clinical aspects and treatment of chronic purulent otitis media during pregnancy and lactation] Agaeva NKb.
Vestn Otorinolaringol 2:21-4, Mar-Apr 74 (Eng. Abstr.)
(Rus)

[Effect of ions on the initial aminoacylation reaction rate of mammary gland tRNA in homologous and heterologous systems] Tukalo MA, et al.
Ukr Biokhim Zh 46:336-40, May-Jun 74 (Eng. Abstr.)
(Ukr)

DRUG EFFECTS

Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al.

Am J Obstet Gynecol 118:337-43, 1 Feb 74 (43 ref.)
ATP balance and the effect of 2,4-dinitrophenol on fatty acid synthesis. Katz J, et al.

Biochim Biophys Acta 337:313-7, 28 Mar 74

Effects of hypothalamic deafferentation late in gestation on lactation and nursing behavior in the rat. Herrenkohl LR, et al. **Horm Behav** 5:33-41, Mar 74
Induction of lactation in a bull calf for casein variant phenotyping. Newstead DF, et al.

J Dairy Sci 57:344-6, Mar 74

Proceedings: Neuroendocrinology of lactation. Meltes J. **J Invest Dermatol** 63:119-24, Jul 74 (27 ref.)
Prostaglandin E2 prevents impairment of fertility in rats fed a diet deficient in essential fatty acids. Hafiez AA. **J Reprod Fertil** 38:273-86, Jun 74

Proceedings: The luteotrophic and lactogenic activities of prolactin, human chorionic somatomammotrophin and mouse placental extract on mice treated with an ergocornine derivative. Zumpe N, et al.

N Engl J Med 291:1xx, 11 Jun 74

A neurohypophyseal hormone analog with selective oxytocin-like activities and resistance to enzymatic inactivation: an approach to the design of peptide drugs. Walter R, et al.

Proc Natl Acad Sci USA 71:1901-5, May 74

[Drying up of dairy cows using benzathin-cloxacillin. I. Effect on the health of the quarters] Merck CC, et al.
Berl Munch Tierarztl Wochenschr 87:185-90, 15 May 74 (Eng. Abstr.)
(Ger)

[Inhibition of lactation by N-(D-6-methyl-8-isoergolin-1-yl)-N',N'-diethylurea (VUFB-6638)] Ausková M, et al.
Experientia 30:393-4, 15 Apr 74
(Ger)

SOMATOMEDIN

ANALYSIS

Primary somatomedin deficiency. Case report. Brande JL van den, et al. **Arch Dis Child** 49:297-304, Apr 74
Somatomedin. Hall K, et al.
Curr Top Exp Endocrinol 2:155-78, 1974

BLOOD

An improved technique for measuring somatomedin activity in vitro. Brande JL van den, et al.

Acta Endocrinol (Kbh) 75:233-42, Feb 74

Studies on plasma somatomedin activity in different animal species. Brande JL van den, et al.

Acta Endocrinol (Kbh) 75:243-8, Feb 74

Growth retardation in the Lesch-Nyhan syndrome. Skyler JS, et al. **Acta Endocrinol (Kbh)** 75:3-10, Jan 74

Human growth hormone. A symposium. Maclaren NK, et al. **Am J Dis Child** 127:906-8, Jun 74

Somatomedin. Hall K, et al.

Curr Top Exp Endocrinol 2:155-78, 1974

[Behavior of the somatotrophic hormone and of somatomedin (sulfation factor) in achondroplasia] Isidori A, et al.

Folia Endocrinol (Roma) 27:179-84, Apr 74 (Eng. Abstr.)
(Ita)

ISOLATION & PURIFICATION

Somatomedin. Hall K, et al.
Curr Top Exp Endocrinol 2:155-78, 1974

METABOLISM

An improved technique for measuring somatomedin activity in vitro. Brande JL van den, et al.

Acta Endocrinol (Kbh) 75:233-42, Feb 74

Human growth hormone. A symposium. Maclaren NK, et al. **Am J Dis Child** 127:906-8, Jun 74

Primary somatomedin deficiency. Case report. Brande JL van den, et al. **Arch Dis Child** 49:297-304, Apr 74

Somatomedin. Hall K, et al.

Curr Top Exp Endocrinol 2:155-78, 1974

Advances in human growth hormone research. Raiti S, et al. **Fed Proc** 33:1682-5, Jun 74

THYROID

I. Physical and Functional Aspects

THYROID GLAND

- Pre- and postnatal thyroid development in bovines. Shafie MM, et al. *Acta Anat (Basel)* 87:615-34, 1974
- Immunological similarity of human and rat calcitonin confirmed by immunofluorescent methods. Moukhtar MS, et al. *Experientia* 30:552-5, 15 May 74
- A model for exposure to a semi-infinite cloud of a photon emitter. Poston JW, et al. *Health Phys* 26:287-93, Apr 74
- Neutron and photon flux from x-ray fluorescent thyroid scanners. Robinson EL, et al. *Health Phys* 26:301-6, Apr 74
- The thyrotrophin receptor in guinea-pig thyroid homogenate: general properties. Manley SW, et al. *J Endocrinol* 61:419-36, Jun 74
- Inhibition of genetically determined autoimmune disease by organ-specific antigen. Silverman DA, et al. *Lancet* 1:1257-8, 22 Jun 74
- Effect of propranolol on various aspects of thyroid function in the rat. Azizi F, et al. *Metabolism* 23:525-9, Jun 74

ABNORMALITIES

- The lingual thyroid. Abbreviated case report. Small EW. *Oral Surg* 37:692-4, May 74
- [Bilateral parasternal diaphragmatic hernia with thyroid gland aplasia in an infant] Grundner HG, et al. *Fortschr Geb Roentgenstr Nuklearmed* 120:362-4, Mar 74 (Ger)
- [Significance of long-acting thyroid stimulator. Reflections on the 1st series of results] Tourneur R, et al. *Minerva Med* 65:995-8, 14 Mar 74 (Ita)
- [Radioisotope scanning in lingual ectopia of the thyroid gland] Chernysheva NN. *Med Radiol (Mosk)* 18:55-8, Oct 73 (Eng. Abstr.) (Rus)

ANALYSIS

- Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. Forest JC, et al. *Acta Endocrinol (Kbh)* 76:89-101, May 74
- Human calcitonin. Immunologic assay, cytologic localization and studies on medullary thyroid carcinoma. Tashjian AH Jr, et al. *Am J Med* 56:840-9, Jun 74
- Thyroid tubulin: purification and properties. Bhattacharyya B, et al. *Biochemistry* 13:2364-9, 21 May 74
- The nuclear lipids of bovine hypertrophic thyroid. Hilderson HJ, et al. *Biochim Biophys Acta* 337:385-9, 28 Mar 74
- The exchange of radiiodine in pregnant and fetal sheep. Book SA, et al. *Health Phys* 26:533-9, Jun 74
- Retention of inhaled antimony-124 in the beagle dog as a function of temperature of aerosol formation. Felcetti SW, et al. *Health Phys* 26:515-31, Jun 74
- In vivo incorporation of labelled amino acid into different protein fractions of the rat thyroid gland. Pavlovic-Hournac M, et al. *Horm Metab Res* 6:196-201, May 74
- Isolation and characterization of soluble and particulate thyroid iodoproteins in human congenital goiter. Monaco F, et al. *Horm Res* 5:141-55, 1974
- Preferential synthesis of thyroxine from early iodinated tyrosyl residues in thyroglobulin. Lamas L, et al. *J Biol Chem* 249:2732-7, 10 May 74
- Effect of magnesium status on thyroid activity and

- iodide metabolism. Heaton FW, et al. *J Endocrinol* 61:53-61, Apr 74
- Environmental and radiological monitoring at the National Reactor Testing Station during FY-1973 (July 1972-June 1973). Markham OD. *Radiat Data Rep* 15:227-46, May 74
- [Lipid composition of the bovine thyroid gland. 3] Lagrou A, et al. *Arch Int Physiol Biochim* 81:976, Dec 73 (Dut)

ANATOMY & HISTOLOGY

- Pineal control of photo-endocrine responses in growing Japanese quail. Olshi T, et al. *Endocrinology* 94:1731-4, Jun 74
- Pituitary-pineal-endocrine relationships in Japanese quail. Olshi T, et al. *Endocrinology* 94:1735-8, Jun 74
- Effect of different percentages of protein intake on thyroid activity, protein bound iodine, total thyroxine and free thyroxine level of blood of rats. Deb C, et al. *Endokrinologie* 62:321-6, 1973
- The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al. *Eur J Pharmacol* 25:402-6, Mar 74
- The snake thyroid gland. I. Seasonal variation of thyroidal and serum iodoamino acids. Wong KL, et al. *Gen Comp Endocrinol* 23:63-70, May 74
- The relationship between the changes in the interrenal, gonadal and thyroidal tissue of the air breathing fish, *Heteropneustes fossilis* (Bloch) at different periods of the breeding cycle. Singh BR, et al. *J Endocrinol* 61:309-16, Jun 74
- Variation in the morphometry of the normal human thyroid in growth and ageing. Roberts PF. *J Pathol* 112:161-8, Mar 74
- Hypothalamic control of sexual behavior in the chicken. Haynes RL, et al. *Poult Sci* 53:27-38, Jan 74
- Some effects of DDT, toxaphene and polychlorinated biphenyl on thyroid function in Bobwhite quail. Hurst JG, et al. *Poult Sci* 53:125-33, Jan 74
- New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease. McDougall IR, et al. *Scott Med J* 19:165-9, Jul 74 (36 ref.)

BLOOD SUPPLY

- Selective arteriography, venography and venous hormone assay in diagnosis and localization of parathyroid lesions. Eisenberg H, et al. *Am J Med* 56:810-20, Jun 74
- Scanning electron microscopy on the distribution of the minute blood vessels in the thyroid gland of the dog, rat and rhesus monkey. Fujita H, et al. *Arch Histol Jap* 36:181-8, Jan 74
- Correlation between levels of gastrin and thyrocalcitonin in pig thyroid venous blood. Cooper CW, et al. *Endocrinology* 95:302-7, Jul 74

CYTOLOGY

- The effect of pinealectomy on the parafollicular cells of the rat thyroid gland. Csaba G, et al. *Acta Anat (Basel)* 88:137-46, 1974
- Pre- and postnatal thyroid development in bovines. Shafie MM, et al. *Acta Anat (Basel)* 87:615-34, 1974
- Human calcitonin. Immunologic assay, cytologic localization and studies on medullary thyroid carcinoma. Tashjian AH Jr, et al. *Am J Med* 56:840-9, Jun 74

- Light and electron microscopic alterations of the dog parafollicular cells induced by antithyroid drug. Kameda Y. *Arch Histol Jap* 36:205-20, Jan 74
- Absence of respiratory activity in bovine thyroid nuclei. Hilderson HJ, et al.
- Arch Int Physiol Biochim* 81:921-3, Dec 73
- Stimulation by thyrotropin of horse thyroid plasma membranes adenylate cyclase: evidence of cooperativity. Boeynaems JM, et al.
- Biochem Biophys Res Commun* 58:446-53, 20 May 74
- The nuclear lipids of bovine hypertrophic thyroid. Hilderson HJ, et al.
- Biochim Biophys Acta* 337:385-9, 28 Mar 74
- Effect of cyclic 3'-5' GMP on in vitro protein synthesis. De Nayer P. *Biochimie* 55:1507-9, 1973
- Cell migration and the alimentary system: endocrine contributions of the neural crest to the gut and its derivatives. Pearse AG.
- Dev Psychobiol* 8:372-85, 1973 (46 ref.)
- Ultrastructural localization of peroxidase on pseudopods and other structures of the typical thyroid epithelial cell. Tice LW, et al.
- Endocrinology* 94:1555-67, Jun 74
- Thyrotropin-binding properties of isolated thyroid cells and their purified plasma membranes. Relation of thyrotropin-specific binding to adenylate-cyclase activation. Verrier B, et al.
- Eur J Biochem* 42:355-65, 1 Mar 74
- Introduction of double impregnation in the method of Grimelius. Sawicki B, et al.
- Folia Morphol (Warsz)* 33:45-51, 1974
- Fluorescamine: a novel reagent for the histochemical detection of amino groups. Håkanson R, et al.
- Histochemistry* 39:15-23, 27 Mar 74
- The mitotic cycle and cell population control. Lamerton LF. *J Clin Pathol [Suppl]* 7:19-25, 1974 (29 ref.)
- [Soluble and membrane bound phospholipases in bovine thyroid gland] De Wolf M, et al.
- Arch Int Physiol Biochim* 81:966, Dec 73 (Dut)
- [Lipids in the nuclei of normal and hypertrophied bovine thyroid gland] Hilderson HJ, et al.
- Arch Int Physiol Biochim* 81:972, Dec 73 (Dut)
- [Quantitative study of organs or tissues. I. Methods for estimation of volumes] Solari A.
- Ann Biol Anim Biochim Biophys* 13:247-65, 1973 (Eng. Abstr.) (Fre)
- [Subcellular distribution of protein kinases stimulated by cyclic AMP and cyclic AMP receptor proteins in the swine thyroid] Roques M, et al.
- Biochimie* 55:1421-30, 1973 (Eng. Abstr.) (Fre)
- [The thyroid gland of the Axolotl (*Ambystoma mexicanum*): morphological and functional heterogeneity] Regard E.
- Gen Comp Endocrinol* 23:199-211, Jun 74 (Eng. Abstr.) (Fre)
- [Morphology and function of thyrocytes and calcitonin cells (C-cells) in the rat. Serum analysis following injections of thyrotropic hormone, tocopherol, calcium chloride of phosphate] Blähsen S.
- Endokrinologie* 62:327-49, 1973 (Eng. Abstr.) (Ger)
- [Damaging effect of repeated external gamma-radiation in combination with local radiation of the thyroid gland with radioactive I-131 in the light of remote after-effects] Vasilenko IIA, et al.
- Radiobiologia* 14:251-6, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Comparative morphometric study of the ultrastructural restructurings of thyroid gland cells at different periods of embryonic development normally and in malignant degeneration] Dmitrieva NP, et al.
- Tsitologia* 16:551-4, May 74 (Eng. Abstr.) (Rus)

DRUG EFFECTS

- Thyrotrophin releasing factor (TRF) in cerebrospinal fluid of the 3rd ventricle of rat. Knigge KM, et al.
- Acta Endocrinol (Kbh)* 76:209-13, Jun 74
- Effect of lithium on delimitating activity of various rat tissues in vitro. Männistö PT.
- Acta Endocrinol (Kbh)* 76:260-72, Jun 74
- Effect of iodide and thyrotrophin on in vitro 14C-amino acid incorporation into rat thyroid proteins. Valenta LJ. *Acta Endocrinol (Kbh)* 76:273-85, Jun 74
- Action of cyclic adenosine 3',5' monophosphate on protein synthesis in a thyroidal cell-free system. Relation to ATP and GTP. Wägar G.
- Acta Endocrinol (Kbh)* 75:398-409, Feb 74
- Biosynthesis of the 27 S thyroid iodoprotein. Fratini L, et al.
- Arch Biochem Biophys* 162:126-34, May 74
- Cell types in the adenohypophysis of the puffer, *Fugu*

- stictonotus*, with special reference to the basophils in the pars distalis. Chiba A, et al.
- Arch Histol Jap* 36:291-305, Mar 74
- Light and electron microscopic alterations of the dog parafollicular cells induced by antithyroid drug. Kameda Y. *Arch Histol Jap* 36:205-20, Jan 74
- Stimulation by thyrotropin of horse thyroid plasma membranes adenylate cyclase: evidence of cooperativity. Boeynaems JM, et al.
- Biochem Biophys Res Commun* 58:446-53, 20 May 74
- Effect of cyclic 3'-5' GMP on in vitro protein synthesis. De Nayer P. *Biochimie* 55:1507-9, 1973
- Two cAMP-activated protein kinases from bovine thyroid. Wilson MB, et al.
- Can J Biochem* 52:319-26, Apr 74
- Studies on thyroid stimulating hormone and the long-acting thyroid stimulating hormone. Bitensky L, et al.
- Clin Endocrinol (Oxf)* 3:363-74, Jul 74
- Thyroid function in euthyroid subjects with autonomous thyroid nodules. Evered DC, et al.
- Clin Endocrinol (Oxf)* 3:149-54, Apr 74
- Observations on the effects of chromate on the thyroid. Chirasevenupurund P, et al.
- Endocrinology* 94:1714-22, Jun 74
- The effects of 6-mercaptopurine (6-MP) on the thyroid gland. Jubiz W, et al.
- Endocrinology* 94:1583-6, Jun 74
- Ultrastructural localization of peroxidase on pseudopods and other structures of the typical thyroid epithelial cell. Tice LW, et al.
- Endocrinology* 94:1555-67, Jun 74
- The relationship between thyroglobulin synthesis and intrathyroid iodine metabolism as indicated by the effects of cycloheximide in the rat. Vagenakis AG, et al.
- Endocrinology* 94:1669-80, Jun 74
- Effect of different percentages of protein intake on thyroid activity, protein bound iodine, total thyroxine and free thyroxine level of blood of rats. Deb C, et al.
- Endokrinologie* 62:321-6, 1973
- Thyrotropin-binding properties of isolated thyroid cells and their purified plasma membranes. Relation of thyrotropin-specific binding to adenylate-cyclase activation. Verrier B, et al.
- Eur J Biochem* 42:355-65, 1 Mar 74
- The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al.
- Eur J Pharmacol* 25:402-6, Mar 74
- Consequences of high nitrate levels in feed and water supplies. Emerick RJ.
- Fed Proc* 33:1183-7, May 74 (77 ref.)
- Effect of monosodium glutamate on the endocrine glands and on the reproductive function of the rat. Trentini GP, et al.
- Fertil Steril* 25:478-83, Jun 74
- Gonitrogenic action of some anti-adrenal drugs (metopirone-dexamethasone) in the hedgehog, *Hemiechinus auritus* Collaris. Dixit VP, et al.
- Indian J Exp Biol* 11:566-7, Nov 73
- Triiodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abud J, et al.
- J Clin Invest* 54:201-8, Jul 74
- Proceedings: Stimulation of calcitonin secretion by strontium. Bates RF, et al.
- J Physiol (Lond)* 238:76P-78P, Apr 74
- The gonitrogenicity of kale and its relation to thiocyanate content. Paxman PJ, et al.
- J Sci Food Agric* 25:329-37, Mar 74
- Effect of propranolol on various aspects of thyroid function in the rat. Azizi F, et al.
- Metabolism* 23:525-9, Jun 74
- Endocrine manifestations of diphenylhydantoin therapy. Gharib H, et al.
- Metabolism* 23:515-24, Jun 74
- Some effects of DDT, toxaphene and polychlorinated biphenyl on thyroid function in Bobwhite quail. Hurst JG, et al.
- Poult Sci* 53:125-33, Jan 74
- [4 years of experience with lithium carbonate therapy] Bertagna L.
- Psychopharmacologie* 20-5, May-Jun 73 (Fre)
- [Morphology and function of thyrocytes and calcitonin cells (C-cells) in the rat. Serum analysis following injections of thyrotropic hormone, tocopherol, calcium chloride of phosphate] Blähsen S.
- Endokrinologie* 62:327-49, 1973 (Eng. Abstr.) (Ger)
- [Effect of L-dopa on hypothalamic-pituitary-thyroid axis in the rats] Tonooka N, et al.
- Folia Endocrinol Jap* 50:30-41, 20 Jan 74 (Jap)
- [General toxic action of perchloric acid] Selivanova LN, et al.
- Gig Tr Prof Zabol* 17:33-5, Aug 73 (Eng. Abstr.) (Rus)
- [Hyperthyroidism and anesthesia] Vidal López F.
- Rev Esp Anestesiol Reanim* 21:97-111, Mar 74 (Spa)

THYROID GLAND

THYROID

EMBRYOLOGY

- Pre- and postnatal thyroid development in bovines. Shafie MM, et al. *Acta Anat (Basel)* 87:615-34, 1974
- Cell migration and the alimentary system: endocrine contributions of the neural crest to the gut and its derivatives. Pearse AG. *Dev Psychobiol* 8:372-85, 1973 (46 ref.)
- The exchange of radioliodine in pregnant and fetal sheep. Book SA, et al. *Health Phys* 26:533-9, Jun 74
- [Development of the hypothalamo-pituitary-thyroid functional system] Dedov II. *Dokl Akad Nauk SSSR* 216:235-8, 1 May 74 (Rus)
- [Comparative morphometric study of the ultrastructural restructurings of thyroid gland cells at different periods of embryonic development normally and in malignant degeneration] Dmitrieva NP, et al. *Tsitologiya* 16:551-4, May 74 (Eng. Abstr.) (Rus)

ENZYMOLOGY

- Stimulation by thyrotropin of horse thyroid plasma membranes adenylate cyclase: evidence of cooperativity. Boeynaems JM, et al. *Biochem Biophys Res Commun* 58:446-53, 20 May 74
- Two cAMP-activated protein kinases from bovine thyroid. Wilson MB, et al. *Can J Biochem* 52:319-26, Apr 74
- Observations on the effects of chromate on the thyroid. Chirasevenuprapund P, et al. *Endocrinology* 94:1714-22, Jun 74
- Ultrastructural localization of peroxidase on pseudopods and other structures of the typical thyroid epithelial cell. Tice LW, et al. *Endocrinology* 94:1555-67, Jun 74
- Effects of "hypophysectomy" by surgical decapitation on histochemically demonstrable peroxidase activity in the thyroid gland of the developing chick embryo. Thommes RC, et al. *Gen Comp Endocrinol* 23:52-7, May 74
- Preferential synthesis of thyroxine from early iodinated tyrosyl residues in thyroglobulin. Lamas L, et al. *J Biol Chem* 249:2732-7, 10 May 74
- A defective thyroid peroxidase solubilized from a familial goiter with iodine organification defect. Pommer J, et al. *J Clin Endocrinol Metab* 39:69-80, Jul 74
- [Soluble and membrane bound phospholipases in bovine thyroid gland] De Wolf M, et al. *Arch Int Physiol Biochim* 81:966, Dec 73 (Dut)
- [Subcellular distribution of protein kinases stimulated by cyclic AMP and cyclic AMP receptor proteins in the swine thyroid] Roques M, et al. *Biochimie* 55:1421-30, 1973 (Eng. Abstr.) (Fre)
- [The thyroid gland of the Axolotl (*Ambystoma mexicanum*): morphological and functional heterogeneity] Regard E. *Gen Comp Endocrinol* 23:199-211, Jun 74 (Eng. Abstr.) (Fre)
- [Medullary carcinoma of the thyroid. Description of a case and critical review of Sipple's syndrome and of neuroectodermal tumoral associations] Andreoli M, et al. *Folia Endocrinol (Roma)* 27:127-57, Apr 74 (Eng. Abstr.) (Ita)
- [Biosynthesis of thyroglobulin: thyroid metabolism of sugar nucleotides] Rodríguez P, et al. *Acta Cient Venez* 23:Suppl:23-9, 1972 (Spa)

GROWTH & DEVELOPMENT

- Pre- and postnatal thyroid development in bovines. Shafie MM, et al. *Acta Anat (Basel)* 87:615-34, 1974
- Thyroid physiology during the postnatal period in the rat: a study of the development of thyroid function and of the morphogenetic effects of thyroxine with special reference to cerebellar maturation. Clos J, et al. *Gen Comp Endocrinol* 23:178-92, Jun 74
- Variation in the morphometry of the normal human thyroid in growth and ageing. Roberts PF. *J Pathol* 112:161-8, Mar 74
- [Development of the hypothalamo-pituitary-thyroid functional system] Dedov II. *Dokl Akad Nauk SSSR* 216:235-8, 1 May 74 (Rus)

IMMUNOLOGY

- Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H. *Acta Endocrinol (Kbh)* 76:74-82, May 74

- Addison's disease-serological studies. Nerup J. *Acta Endocrinol (Kbh)* 76:142-58, May 74
- The relevance of a serological classification of chronic hepatitis. Dietrichson O, et al. *Acta Pathol Microbiol Scand [B]* 81:519-24, Oct 73
- The pathogenesis of Graves' disease and Hashimoto's thyroiditis. Volpé R, et al. *Clin Endocrinol (Oxf)* 3:239-61, Jul 74 (134 ref.)
- Histological evidence of autoimmunity in idiopathic hypothyroidism. Chhetri MK, et al. *J Assoc Physicians India* 21:57-62, Jan 73
- Editorial: Auto-immunity in thyroid disease. Chhetri MK, et al. *J Indian Med Assoc* 61:439-40, 16 Nov 73
- Serum gonadotropins in hypothyroid girls with and without sexual precocity. Lee PA, et al. *Johns Hopkins Med J* 135:55-60, Jul 74
- Phytohaemagglutinin-induced lymphocyte transformation and circulating autoantibodies in women taking oral contraceptives. Barnes EW, et al. *Lancet* 1:898-900, 11 May 74
- MN blood grouping of human organs by means of the elution method in combination with antiglobulin test. Sagisaka K, et al. *Tohoku J Exp Med* 111:305-6, Nov 73
- [Quantitative study of organs or tissues. I. Methods for estimation of volumes] Solari A. *Ann Biol Anim Biochim Biophys* 13:247-65, 1973 (Eng. Abstr.) (Fre)
- [Immunoendocrinology] Niederer W. *Schweiz Med Wochenschr* 104:841-7, 15 Jun 74 (87 ref.) (Eng. Abstr.) (Ger)
- [Principles of autoimmunity] Wick G. *Wien Med Wochenschr* 124:285-9, 11 May 74 (Ger)
- [Idiopathic Addison's disease] Demura H. *Jap J Clin Med* 31:3468-73, Dec 73 (34 ref.) (Jap)
- [Hashimoto's disease] Sakurami T, et al. *Jap J Clin Med* 31:3461-7, Dec 73 (Jap)

METABOLISM

- Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H. *Acta Endocrinol (Kbh)* 76:74-82, May 74
- Quantitative studies of iodine metabolism in sporadic, non-toxic goitre. An evaluation of pathogenesis. Agerbaek H, et al. *Acta Endocrinol (Kbh)* 76:67-73, May 74
- Effect of iodide and thyrotrophin on in vitro 14C-amino acid incorporation into rat thyroid proteins. Valenta LJ. *Acta Endocrinol (Kbh)* 76:273-85, Jun 74
- Experimental studies of the endolymphatic radiotherapy. Irino S, et al. *Acta Med Okayama* 28:59-67, Feb 74
- Iodine balance studies in protein-calorie malnutrition. Ingenbleek Y, et al. *Arch Dis Child* 49:305-9, Apr 74
- Absence of respiratory activity in bovine thyroid nuclei. Hilderson HJ, et al. *Arch Int Physiol Biochim* 81:921-3, Dec 73
- Congenital radioactive iodine-induced stridor and hypothyroidism. Jafek BW, et al. *Arch Otolaryngol* 99:369-71, May 74
- The release of glycoconjugates by rat parathyroid glands in tissue culture. II. Studies on uptake and incorporation of isotopically labeled glucosamine and characterization of the secreted material. Licata AA, et al. *Biochim Biophys Acta* 343:17-33, 20 Mar 74
- Effect of cyclic 3'-5' GMP on in vitro protein synthesis. De Nayer P. *Biochimie* 55:1507-9, 1973
- Correlation between long-acting thyroid stimulator protector level and thyroid 131-I uptake in thyrotoxicosis. Adams DD, et al. *Br Med J* 2:199-201, 27 Apr 74
- Thyroid function in euthyroid subjects with autonomous thyroid nodules. Evered DC, et al. *Clin Endocrinol (Oxf)* 3:149-54, Apr 74
- The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. *Clin Endocrinol (Oxf)* 3:55-61, Jan 74
- Persistent abnormalities in pituitary function following neonatal thyrotoxicosis in the rat. Azizi F, et al. *Endocrinology* 94:1681-8, Jun 74
- Repeated administration of 35S-methimazole: pattern of accumulation and oxidation by the rat thyroid. Pharmakiotis AD, et al. *Endocrinology* 94:1508-13, Jun 74
- The relationship between thyroglobulin synthesis and intrathyroid iodine metabolism as indicated by the effects of cycloheximide in the rat. Vagenakis AG, et al. *Endocrinology* 94:1669-80, Jun 74
- Obesity and thyroid function. I. Values of the Achilles

- tendon reflex. Vondra K, et al. *Endokrinologie* 62:310-20, 1973
- Thyrotropin-binding properties of isolated thyroid cells and their purified plasma membranes. Relation of thyrotropin-specific binding to adenylate-cyclase activation. Verrier B, et al. *Eur J Biochem* 42:355-65, 1 Mar 74
- The snake thyroid gland. I. Seasonal variation of thyroidal and serum iodoamino acids. Wong KL, et al. *Gen Comp Endocrinol* 23:63-70, May 74
- The snake thyroid gland. II. Radioliodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74
- In vivo incorporation of labelled amino acid into different protein fractions of the rat thyroid gland. Pavlovic-Hournac M, et al. *Horm Metab Res* 6:196-201, May 74
- Isolation and characterization of soluble and particulate thyroid iodoproteins in human congenital goiter. Monaco F, et al. *Horm Res* 5:141-55, 1974
- The thyrotrophin receptor in guinea-pig thyroid homogenate: interaction with the long-acting thyroid stimulator. Manley SW, et al. *J Endocrinol* 61:437-45, Jun 74
- The goitrogenicity of kale and its relation to thiocyanate content. Paxman PJ, et al. *J Sci Food Agric* 25:329-37, Mar 74
- Effect of propranolol on various aspects of thyroid function in the rat. Azizi F, et al. *Metabolism* 23:525-9, Jun 74
- Metabolic response to male hormone and thyroid activity in the Indian garden lizard, *Calotes versicolor*. Chandola A, et al. *N Engl J Med* 291:285-91, 11 Jun 74
- Proceedings: Thyroid-stimulating hormone binding to human thyroid membranes and solubilized receptors. Nussey SS, et al. *N Engl J Med* 291:lvii, 11 Jun 74
- Some effects of DDT, toxaphene and polychlorinated biphenyl on thyroid function in Bobwhite quail. Hurst JG, et al. *Poult Sci* 53:125-33, Jan 74
- Thyroid metabolism of chickens. 2. Estimation of thyroxine half-life in plasma. May JD, et al. *Poult Sci* 53:687-91, Mar 74
- Eighteen-hour uptake of ¹³¹I by the thyroids and the ovaries of Japanese quail 1 day to 9 months of age. Robinson GA, et al. *Poult Sci* 53:401-6, Jan 74
- Effect of synthetic salmon calcitonin on iodine metabolism in rabbits. Lupulescu A, et al. *Proc Soc Exp Biol Med* 146:56-8, May 74
- The effects of lithium on thyroid iodine release in patients with primary affective disorder. Carlson HE, et al. *Psychopharmacologia* 35:249-56, 27 Feb 74
- Tumor angiogenesis: role in regulation of tumor growth. Folkman J. *Symp Soc Dev Biol* 30:43-52, 1974 (24 ref.)
- [Subcellular distribution of protein kinases stimulated by cyclic AMP and cyclic AMP receptor proteins in the swine thyroid] Roques M, et al. *Biochimie* 55:1421-30, 1973 (Eng. Abstr.) (Fre)
- [Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to radioliodine therapy] Grebe SF. *Radiologie* 14:161-5, Apr 74 (Ger)
- [Thyroid function tests with radioliodine (I-131): normal values in Balxa Santista] Camargo EE. *Rev Assoc Med Bras* 20:85-6, Feb 74 (Eng. Abstr.) (Por)
- [Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da. *Rev Paul Med* 79:203-16, Jun 72 (Por)
- [Isolation and some properties of human thyroalbumin] Saatov T, et al. *Biokhimiia* 38:851-6, Jul-Aug 73 (Eng. Abstr.) (Rus)
- [Development of the hypothalamo-pituitary-thyroid functional system] Dedov II. *Dokl Akad Nauk SSSR* 216:235-8, 1 May 74 (Rus)
- [Radioliodine study of inorganic and organic phases of intrathyroid stage of iodine metabolism] Kotliarov EV, et al. *Med Radiol (Mosk)* 18:12-5, Aug 73 (Eng. Abstr.) (Rus)
- [Biosynthesis of thyroglobulin: thyroid metabolism of sugar nucleotides] Rodríguez P, et al. *Acta Cient Venez* 23:Suppl:23-9, 1972 (Spa)

PATHOLOGY

- Cytologic presentation of thyroid tumors in aspiration biopsy smear. A review of 60 cases. Löwhagen T, et al. *Acta Cytol (Baltimore)* 18:192-7, May-Jun 74
- Irreversible inhibition of pituitary prolactin and growth hormone secretion and of mammary gland development in mice by monosodium glutamate

- administered neonatally. Nagasawa H, et al. *Acta Endocrinol (Kbh)* 75:249-59, Feb 74
- The nuclear lipids of bovine hypertrophic thyroid. Hilderson HJ, et al. *Biochim Biophys Acta* 337:385-9, 28 Mar 74
- Comparative effects of hypophysectomy, ergocornine and ergocornine-reserpine treatments on rat mammary carcinoma. Welsch CW, et al. *Int J Cancer* 12:206-12, 15 Jul 73
- Histological evidence of autoimmunity in idiopathic hypothyroidism. Chhetri MK, et al. *J Assoc Physicians India* 21:57-62, Jan 73
- Notes on the anatomical and functional pictures of acute hot thyroid nodes and the relationships between this form and endemic goitre. Gubetta L, et al. *J Nucl Biol Med* 18:13-9, Jan-Mar 74
- The changes in the thyroid gland after irradiation with ¹³¹I or partial thyroidectomy for thyrotoxicosis. Kennedy JS, et al. *J Pathol* 112:65-81, Feb 74
- Thyroid carcinoma of a guinea-pig: a case report. Zarrin K. *Lab Anim* 8:145-8, May 74
- Aspiration biopsy cytology. I. Cytology of supradaphragmatic organs. 3 Thyroid. Löwhagen T. *Monogr Clin Cytol* 4:67-89, 1974 (8 ref.)
- Tumor angiogenesis: role in regulation of tumor growth. Folkman J. *Symp Soc Dev Biol* 30:43-52, 1974 (24 ref.)
- [Two cases of myasthenic syndrome with thymoma, polymyositis, myocarditis, and thyroiditis] Reznik M. *J Neurol Sci* 22:341-51, Jul 74 (Fre)
- [Completion of scintigraphy of euthyroid nodular goiter by cytology following fine-needle biopsy] Wuttke H, et al. *Strahlentherapie* 146:657-63, Dec 73 (Eng. Abstr.) (Ger)
- [Endocrine polyadenomatosis with acute hyperparathyroidism] Ventz M, et al. *Z Aerzt Fortbild (Jena)* 67:1238-42, 15 Dec 73 (Ger)
- [A case of de Quervain's thyroiditis] Jobba G. *Morphol Igazsaguyi Orv Sz* 14:63-6, Jan 74 (Eng. Abstr.) (Hun)
- [Possible sequelae of the action of radioactive iodine in man] Il'in LA, et al. *Med Radiol (Mosk)* 18:66-80, Aug 73 (Rus)

PHYSIOLOGY

- The effect of pinealectomy on the parafollicular cells of the rat thyroid gland. Csaba G, et al. *Acta Anat (Basel)* 88:137-46, 1974
- Metabolic and clinical effects of pure crystalline 1 alpha-hydroxyvitamin D3 and 1 alpha,25-dihydroxyvitamin D3. Studies of intestinal calcium transport, renal tubular function and bone metabolism. Pechet MM, et al. *Am J Med* 57:13-20, Jul 74 (31 ref.)
- Effects of parathyroid hormone on bone of thyroparathyroidectomized rats: an ultrastructural and enzymatic study. Welsbrode SE, et al. *Am J Pathol* 75:529-41, Jun 74
- Measurement of thyroid gland function during the estrous cycle of nine mares. Kelley ST, et al. *Am J Vet Res* 35:657-60, May 74
- Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (94 ref.)
- Influence of thyroid state on cholesterol hydroxylation and absorption in the rat. Story JA, et al. *Biochem Med* 10:214-8, Jul 74
- N-methyl oxidation in liver mitochondria of triiodothyronine-treated and thyroidectomized rats. Frisell WR, et al. *Biochim Biophys Acta* 347:145-50, 22 May 74
- Effect of Solanum malocoxylon on the serum levels of calcium and phosphate in thyroparathyroidectomized and rachitic rats. Campos C, et al. *Calcif Tissue Res* 13:245-8, 23 Oct 73
- Effect of salmon calcitonin on in vivo calcium absorption in rats. Cramer CF. *Calcif Tissue Res* 13:169-72, 23 Oct 73
- Effects of cortisone on bone metabolism in intact and thyroidectomized rabbits. Thompson JS, et al. *Calcif Tissue Res* 13:197-215, 23 Oct 73
- Effect of calcitonin on P uptake in epiphyseal cartilages of P-deficient rats. Denis G, et al. *Can J Physiol Pharmacol* 52:355-7, Apr 74
- Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974
- Effects of thyroidectomy on ovarian compensatory hypertrophy in rats. Jones RC, et al. *Experientia* 30:432-3, 15 Apr 74
- Comparative responsiveness of euthyroid and

THYROID GLAND

THYROID

- hypothyroid rat pituitary tissue to thyrotropin releasing hormone in vitro. May P, et al. *Experientia* 30:433-4, 15 Apr 74
- Differences in the thyroid function of four inbred strains of mice. Marchlewska-Koj A, et al. *Folia Biol (Krakow)* 22:149-56, 1974
- Thyroid physiology during the postnatal period in the rat: a study of the development of thyroid function and of the morphogenetic effects of thyroxine with special reference to cerebellar maturation. Clos J, et al. *Gen Comp Endocrinol* 23:178-92, Jun 74
- Effects of hypothyroidism on serum immunoreactive insulin, free fatty acids and blood sugar in the dog as tested for oral glucose tolerance. Corrective effects of thyroxine therapy. Renaud A, et al. *Horm Metab Res* 6:137-41, Mar 74
- Effect of thyroid status on glycerol metabolism in adipose tissue of fasted male rats. Montoya E, et al. *Horm Res* 5:129-40, 1974
- Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74
- Effect of magnesium status on thyroid activity and iodide metabolism. Heaton FW, et al. *J Endocrinol* 61:53-61, Apr 74
- The action of protein synthesis inhibitors and thyrotropin releasing factor on the ultrastructure of rat thyrocytes. Cuervo-Rocha S, et al. *J Ultrastruct Res* 48:1-16, Jul 74
- Proceedings: Effects of removal of endocrine organs on spontaneous and renal hypertension in rats. Ebihara A. *Jap Heart J* 15:182-3, Mar 74
- Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. Welsbrode SE, et al. *Lab Invest* 30:786-94, Jun 74
- Metabolic response to male hormone and thyroid activity in the Indian garden lizard, *Calotes versicolor*. Chandola A, et al. *N Engl J Med* 291:285-91, 11 Jun 74
- Thyroid thermogenesis. Edelman IS. *N Engl J Med* 290:1303-8, 6 Jun 74 (12 ref.)
- Proceedings: Adaptation to a low calcium diet in parathyroidectomized pigs. Swaminathan R, et al. *N Engl J Med* 291:78-9, 11 Jun 74
- Regulation of 25-hydroxycholecalciferol metabolism by inorganic phosphate. *Nutr Rev* 31:188-90, Jun 73 (15 ref.)
- Effect of nonsteroidal antiinflammatory drugs on plasma protein-thyroxine interaction. Tsukul T, et al. *Proc Soc Exp Biol Med* 146:494-8, Jun 74
- Effects of narcotic analgesics on hypothalamo-pituitary-thyroid function. George R. *Prog Brain Res* 39:339-45, 1973
- [Existence of an important fraction on non-hormonal iodized proteins in the pbl of birds] Astier H. *C R Acad Sci [D] (Paris)* 278:793-6, 29 Jan 73 (Fre)
- [The thyroid gland of the Axolotl (*Ambystoma mexicanum*): morphological and functional heterogeneity] Regard E. *Gen Comp Endocrinol* 23:199-211, Jun 74 (Eng. Abstr.) (Fre)
- [Editorial: New aspects of thyroid function exploration] Bellabarba D, et al. *Union Med Can* 103:641-2, Apr 74 (Fre)
- [Influencing of endochondral ossification by thyro-parathyroidectomy and concurrent vitamin D deficiency] Riede UN, et al. *Arch Orthop Unfallchir* 78:127-35, 30 Apr 74 (Eng. Abstr.) (Ger)
- [Morphology and function of thyrocytes and calcitonin cells (C-cells) in the rat. Serum analysis following injections of thyreotropic hormone, tocopherol, calcium chloride of phosphate] Blähsner S. *Endokrinologie* 62:327-49, 1973 (Eng. Abstr.) (Ger)
- [Influence of thyroid function on human drug metabolism] Gugler R, et al. *Verh Dtsch Ges Inn Med* 79:1230-3, 1973 (Ger)
- [Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da. *Rev Paul Med* 79:203-16, Jun 72 (Por)
- [Study of the nucleic acids in rat liver mitochondria under different thyroid hormone levels in the body] Turakulov IaKh, et al. *Biokhimiia* 38:1243-7, Nov-Dec 73 (Eng. Abstr.) (Rus)
- [Effect of thyroidectomy on the development of compensatory adrenal hypertrophy] Borodin AD. *Patol Fiziol Eksp Ter* 14:37-41, Sep-Oct 74 (Eng. Abstr.) (Rus)
- [Damaging effect of repeated external gamma-radiation in combination with local radiation

of the thyroid gland with radioactive I-131 in the light of remote after-effects] Vasilenko Ila, et al. *Radiobiologiya* 14:251-6, Mar-Apr 74 (Eng. Abstr.) (Rus)

[Glycolytic processes in the livers of thyroidectomized rats] Kovtuniak MA, et al. *Ukr Biokhim Zh* 46:178-80, Mar-Apr 74 (Eng. Abstr.) (Ukr)

PHYSIOPATHOLOGY

- Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (94 ref.)
- The solitary thyroid nodule. Sachdeva HS, et al. *Br J Surg* 61:368-70, May 74
- Persistent abnormalities in pituitary function following neonatal thyrotoxicosis in the rat. Azizi F, et al. *Endocrinology* 94:1681-8, Jun 74
- Review: The endocrine glands in infantile malnutrition. Godard C. *Helv Paediatr Acta* 29:5-26, Apr 74 (113 ref.)
- A study of possible correlation between thyroid functions and circulating thyroglobulin antibodies. Talukdar CK, et al. *J Indian Med Assoc* 61:419-23, 16 Nov 73
- Hypothalamic-pituitary-thyroid axis in breast cancer. Mittra I, et al. *Lancet* 1:885-9, 11 May 74
- Editorial: The thyroid, prolactin, and breast cancer. *Lancet* 1:908-9, 11 May 74
- Intraocular pressure in endocrinological patients with exophthalmos. Manor RS, et al. *Ophthalmologica* 168:241-52, 1974
- [Significance of long-acting thyroid stimulator. Reflections on the 1st series of results] Tournear R, et al. *Minerva Med* 65:995-8, 14 Mar 74 (Ita)
- [Assessment of thyroid function in women with menstruation disorders] Baron J, et al. *Ginekol Pol* 45:443-9, Apr 74 (Eng. Abstr.) (Pol)
- [Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da. *Rev Paul Med* 79:203-16, Jun 72 (Por)
- [Determinations of PBI and T3] Verreschi IN, et al. *Rev Paul Med* 82:129-32, Sep-Oct 73 (Eng. Abstr.) (Por)
- [Neurogenic arteriosclerosis and the mechanisms of its development] Khomulo PS. *Kardiologiya* 14:140-7, May 74 (Rus)
- [Possible sequelae of the action of radioactive iodine in man] Il'in LA, et al. *Med Radiol (Mosk)* 18:66-80, Aug 73 (Rus)
- [Role of the thyroid gland in humoral regulation of hematopoiesis] Lunina NV. *Patol Fiziol Eksp Ter* 10:63-5, May 74 (Eng. Abstr.) (Rus)
- [Hormone-producing function of the thyroid gland and thyroxin-binding capacity of blood serum proteins in diabetes mellitus] Slavnov VN, et al. *Probl Endocrinol (Mosk)* 20:13-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Plasma TSH and circulating thyroid hormone (T3 and T4) levels in patients with goiter and endemic cretinism] Medeiros Neto GA de, et al. *Rev Assoc Med Bras* 20:7-12, Jan 74 (Eng. Abstr.) (Spa)

RADIATION EFFECTS

- Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al. *Int J Cancer* 12:100-14, 15 Jul 73
- The changes in the thyroid gland after irradiation with 131I or partial thyroidectomy for thyrotoxicosis. Kennedy JS, et al. *J Pathol* 112:65-81, Feb 74
- [Possible sequelae of the action of radioactive iodine in man] Il'in LA, et al. *Med Radiol (Mosk)* 18:66-80, Aug 73 (Rus)
- [Damaging effect of repeated external gamma-radiation in combination with local radiation of the thyroid gland with radioactive I-131 in the light of remote after-effects] Vasilenko Ila, et al. *Radiobiologiya* 14:251-6, Mar-Apr 74 (Eng. Abstr.) (Rus)

RADIOGRAPHY

- [Transcutaneous lymphography of thyroid gland] Ruka W, et al. *Pol Przegl Chir* 46:649-55, May 74 (Eng. Abstr.) (Pol)

SECRETION

- Thyroid physiology in health and disease.
Ann Intern Med 81:68-81, Jul 74 (94 ref.)
 The snake thyroid gland. II. Radiolodine metabolism.
 Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74
 Proceedings: Stimulation of calcitonin secretion by
 strontium. Bates RF, et al.
J Physiol (Lond) 238:76P-78P, Apr 74

SURGERY

- Halothane anesthesia followed by anicteric hepatitis
 with complete recovery. Davis JS.
NY State J Med 74:1042-4, Jun 74
 [Laryngeal nerves in thyroid gland surgery] Reynier J,
 et al. *Ann Chir* 28:189-95, Mar 74 (Eng. Abstr.) (Fre)

THYROID GLAND FUNCTION TESTS

- Serum thyrotrophin and the response to thyrotrophin
 releasing hormone in symptomless autoimmune
 thyroiditis and in borderline and overt
 hypothyroidism. Gordin A, et al.
Acta Endocrinol (Kbh) 75:274-85, Feb 74
 The "effective thyroxine ratio"—new in vitro test of
 thyroid function and its correlation with free
 thyroxine. Nauman J, et al.
Acta Endocrinol (Kbh) 76:83-8, May 74
 Growth retardation in the Leach-Nyhan syndrome.
 Skyler JS, et al. *Acta Endocrinol (Kbh)* 75:3-10, Jan 74
 Measurement of thyroid gland function during the
 estrous cycle of nine mares. Kelley ST, et al.
Am J Vet Res 35:657-60, May 74
 Primary somatomedin deficiency. Case report. Brande
 JL van den, et al. *Arch Dis Child* 49:297-304, Apr 74
 Antesternal pendulant goitre: a case report. Mullick
 RN, et al. *Br J Surg* 61:371-2, May 74
 The solitary thyroid nodule. Sachdeva HS, et al.
Br J Surg 61:368-70, May 74
 Scottish automated follow-up register for thyroid
 disease: four years' experience in Glasgow. Boyle CM.
Br Med J 2:490-2, 1 Jun 74
 Thyroid function in euthyroid subjects with
 autonomous thyroid nodules. Evered DC, et al.
Clin Endocrinol (Oxf) 3:149-54, Apr 74
 The use of the E-rosette as a test for remission in
 Graves' disease treated with antithyroid drugs. Farid
 NR, et al. *Clin Endocrinol (Oxf)* 3:55-61, Jan 74
 Successful treatment of galactorrhoea and
 amenorrhoea and subsequent restoration of ovarian
 function by a new ergot alkaloid.
 2-brom-alpha-ergocryptine. Rolland R, et al.
Clin Endocrinol (Oxf) 3:155-66, Apr 74
 A comparison of effective thyroxine ratio, free
 thyroxine index and free thyroxine concentration in
 correcting for thyroxine-binding abnormalities in
 serum. Wellby ML, et al.
Clin Endocrinol (Oxf) 3:63-8, Jan 74 (17 ref.)
 A comparison of effective thyroxine ratio, free
 thyroxine index and free thyroxine concentration in
 correcting for thyroxine-binding abnormalities in
 serum. Wellby ML, et al.
Clin Endocrinol (Oxf) 3:63-8, Jan 74
 Classification of hypothyroidism in evaluating patients
 after radiolodine therapy by serum cholesterol,
 T3-uptake, Total T4, FT4-index, total T3, basal TSH
 and TRH-test. Wenzel KW, et al.
Eur J Clin Invest 4:141-8, Apr 74
 Differences in the thyroid function of four inbred
 strains of mice. Marchlewska-Koj A, et al.
Folia Biol (Krakow) 22:149-56, 1974
 Review: The endocrine glands in infantile malnutrition.
 Godard C. *Helv Paediatr Acta* 29:5-26, Apr 74 (113 ref.)
 Red cell sodium as an index of thyroid function.
 Kanagasabapathy AS, et al.
Indian J Med Res 61:1672-8, Nov 73
 Simultaneous occurrence of areata alopecia and
 immunothyroiditis. Klein U, et al.
Int J Dermatol 13:116-8, May-Jun 74
 Editorial: Assay of plasma thyrotrophin—an important
 advance in study of pituitary thyroid axis. Rastogi GK.
J Assoc Physicians India 21:235-6, Feb 73
 Hypothalamic regulatory hormones: a review. Besser
 GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
 A study of possible correlation between thyroid
 functions and circulating thyroglobulin antibodies.
 Talukdar CK, et al.
J Indian Med Assoc 61:419-23, 16 Nov 73
 A double-blind crossover sequential trial of oral

- thyrotrophin-releasing hormone in depression.
 Mountjoy CQ, et al. *Lancet* 1:958-60, 18 May 74
 Hyperthyroidism after iodinated contrast medium.
 Blum M, et al. *N Engl J Med* 291:24-5, 4 Jul 74
 Addison's disease and thyrotoxicosis. Hunt JP.
Proc R Soc Med 67:322, May 74
 Iodide therapy of triiodothyronine-thyrotoxicosis.
 Sakurada T, et al. *Tohoku J Exp Med* 111:219-27, Nov 73
 Kinetics of thyroxine and triiodothyronine in a case of
 thyroxine-binding globulin deficiency with
 hypothyroidism. Sakurada T, et al.
Tohoku J Exp Med 112:133-40, Feb 74
 [Editorial: New aspects of thyroid function
 exploration] Bellabarba D, et al.
Union Med Can 103:641-2, Apr 74 (Fre)
 [Evaluation of the E.T.R. (Effective Thyroxine Ratio)
 as a thyroid function test. Comparison with total and
 free thyroxine] Dussault JH.
Union Med Can 102:1846-7, Sep 73 (Eng. Abstr.) (Fre)
 [Letter: Examination of thyroid function] Hesch RD.
Dtsch Med Wochenschr 99:720-1, 5 Apr 74 (Ger)
 [T3-thyrotoxicosis in a 3-year-old girl (author's transl)]
 Lehr HJ, et al.
Dtsch Med Wochenschr 99:1406-7, 28 Jun 74 (Eng.
 Abstr.) (Ger)
 [Re-appraisal of replacement therapy with thyroid
 hormone: serum levels of tri-iodothyronine (author's
 transl)] Wenzel KW, et al.
Dtsch Med Wochenschr 99:705-8, 5 Apr 74 (Eng.
 Abstr.) (Ger)
 [Significance of long-acting thyroid stimulator.
 Reflections on the 1st series of results] Tourneur R,
 et al. *Minerva Med* 65:995-8, 14 Mar 74 (Ita)
 [Assessment of thyroid function in women with
 menstruation disorders] Baron J, et al.
Ginekol Pol 45:443-9, Apr 74 (Eng. Abstr.) (Pol)
 [Results of radioimmunoassay determination of
 thyrotropin hormone in hypothyroidism] Kosowicz J,
 et al.
Pol Tyg Lek 29:597-9, 15 Apr 74 (Eng. Abstr.) (Pol)
 [Thyroid function tests with radiolodine (I-131):
 normal values in Baixa Santista] Camargo EE.
Rev Assoc Med Bras 20:85-6, Feb 74 (Eng. Abstr.)
 (Por)
 [Current ideas on the functions of the thyroid gland
 and their clinical implications] Rosa JC da.
Rev Paul Med 79:203-16, Jun 72 (Por)
 [Pigmentation disorders in the practice of the
 therapist and dermatologist] Lonshakov Iul, et al.
Sov Med 4:112-5, 1974 (Eng. Abstr.) (Rus)
 [Clinical correlations between the thyroid and the
 liver] Rios Mozo M, et al.
Rev Esp Enferm Apar Dig 42:699-708, 15 Mar 74 (Spa)

STANDARDS

- Evaluation of selected commercial thyroid function
 tests in dogs. Kelley ST, et al.
Am J Vet Res 35:733-6, May 74

VETERINARY

- Evaluation of selected commercial thyroid function
 tests in dogs. Kelley ST, et al.
Am J Vet Res 35:733-6, May 74

THYROIDECTOMY

- Effects of parathyroid hormone on bone of
 thyroparathyroidectomized rats: an ultrastructural
 and enzymatic study. Weisbrode SE, et al.
Am J Pathol 75:529-41, Jun 74
 Letter: Acupuncture analgesia. Hoel E.
Anaesthesia 29:368, May 74
 N-methyl oxidation in liver mitochondria of
 triiodothyronine-treated and thyroidectomized rats.
 Frisell WR, et al.
Biochim Biophys Acta 347:145-50, 22 May 74
 Treatment with unsealed radioisotopes. Greig WR, et
 al. *Br Med Bull* 29:63-8, Jan 73 (50 ref.)
 Letter: The solitary thyroid nodule. Samuel AY, et al.
Br Med J 2:227-8, 27 Apr 74
 Effect of salmon calcitonin on in vivo calcium
 absorption in rats. Cramer CF.
Calcif Tissue Res 13:169-72, 23 Oct 73
 Effects of cortisone on bone metabolism in intact and
 thyroidectomized rabbits. Thompson JS, et al.
Calcif Tissue Res 13:197-215, 23 Oct 73
 Effect of calcitonin on P uptake in epiphyseal cartilages

THYROIDECTOMY

THYROID

- of P-deficient rats. Denis G, et al.
Can J Physiol Pharmacol 52:355-7, Apr 74
- Beta-adrenergic receptor blocking drugs in hyperthyroidism. Turner P.
Drugs 7:48-54, 1974 (39 ref.)
- Effect of trauma on insulin response to glucose in thyroidectomized rats. Vigas M, et al.
Endocrinol Exp (Bratisl) 8:147-51, Jun 74
- Persistent abnormalities in pituitary function following neonatal thyrotoxicosis in the rat. Azizi F, et al.
Endocrinology 94:1681-8, Jun 74
- The different effect of thyroidectomy, KCIO₄ and propylthiouracil on insulin secretion and glucose uptake in the rat. John T, et al.
Endocrinology 94:1502-7, Jun 74
- Effects of thyroidectomy on ovarian compensatory hypertrophy in rats. Jones RC, et al.
Experientia 30:432-3, 15 Apr 74
- Comparative responsiveness of euthyroid and hypothyroid rat pituitary tissue to thyrotropin releasing hormone in vitro. May P, et al.
Experientia 30:433-4, 15 Apr 74
- Effects of hypothyroidism on serum immunoreactive insulin, free fatty acids and blood sugar in the dog as tested for oral glucose tolerance. Corrective effects of thyroxine therapy. Renaud A, et al.
Horm Metab Res 6:137-41, Mar 74
- Effect of thyroid status on glycerol metabolism in adipose tissue of fasted male rats. Montoya E, et al.
Horm Res 5:129-40, 1974
- Malignant and benign neoplasms of the thyroid in patients treated for hyperthyroidism: a report of the cooperative thyrotoxicosis therapy follow-up study. Dobyns BM, et al.
J Clin Endocrinol Metab 38:976-98, Jun 74
- The changes in the thyroid gland after irradiation with ¹³¹I or partial thyroidectomy for thyrotoxicosis. Kennedy JS, et al.
J Pathol 112:65-81, Feb 74
- The action of protein synthesis inhibitors and thyrotropin releasing factor on the ultrastructure of rat thyrotrophs. Cuervo-Rocha S, et al.
J Ultrastruct Res 48:1-16, Jul 74
- Proceedings: Effects of removal of endocrine organs on spontaneous and renal hypertension in rats. Ebihara A. *Jap Heart J* 15:182-3, Mar 74
- Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. Weisbrode SE, et al.
Lab Invest 30:786-94, Jun 74
- Letter: Propranolol and thyroidectomy. Lund B, et al.
Lancet 1:1348, 29 Jun 74
- Beta-blockade and partial thyroidectomy for thyrotoxicosis. Michie W, et al.
Lancet 1:1009-11, 25 May 74
- Editorial: Thyrotoxicosis: the wheel turns.
Lancet 1:1024-5, 25 May 74
- Benign disease of the thyroid gland and vocal cord paralysis. Rueger RG. *Laryngoscope* 84:897-907, Jun 74
- Metabolic response to male hormone and thyroid activity in the Indian garden lizard, *Calotes versicolor*. Chandola A, et al.
N Engl J Med 291:285-91, 11 Jun 74
- Proceedings: Adaptation to a low calcium diet in parathyroidectomized pigs. Swaminathan R, et al.
N Engl J Med 291:78-9, 11 Jun 74
- Regulation of 25-hydroxycholecalciferol metabolism by inorganic phosphate.
Nutr Rev 31:188-90, Jun 73 (15 ref.)
- Effect of nonsteroidal antiinflammatory drugs on plasma protein-thyroxine interaction. Tsukul T, et al.
Proc Soc Exp Biol Med 146:494-8, Jun 74
- New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease. McDougall IR, et al.
Scott Med J 19:165-9, Jul 74 (36 ref.)
- Familial hyperparathyroidism. Grevsten S, et al.
Ups J Med Sci 79:109-15, 1974
- [Letter: Unusual inflammation after subtotal thyroidectomy for toxic multinodular goiter. Thyroiditis?] Bricaire H, et al.
Nouv Presse Med 3:751-2, 23 Mar 74 (Fre)
- [Acupuncture anesthesia: myth or reality?] Hanquet M.
Rev Med Liege 29:292-8, 15 May 74 (Fre)
- [Medullary carcinoma of the thyroid gland. Morphology, frequency, and clinical aspects] Jaques C.
Schweiz Med Wochenschr 104:602-5 contd, 27 Apr 74 (Eng. Abstr.) (Fre)
- [Influencing of endochondral ossification by thyro-parathyroidectomy and concurrent vitamin D deficiency] Riede UN, et al.
Arch Orthop Unfallchir 78:127-35, 30 Apr 74 (Eng. Abstr.) (Ger)
- [Re-appraisal of replacement therapy with thyroid hormone: serum levels of tri-iodothyronine (author's transl)] Wenzel KW, et al.
Dtsch Med Wochenschr 99:705-8, 5 Apr 74 (Eng. Abstr.) (Ger)
- [Plasma-cell chronic thyroiditis. (Case report and review of literature)] Ninfo V.
Pathologica 65:399-404, Nov-Dec 73 (Eng. Abstr.) (Ita)
- [Bilateral damage of recurrent laryngeal nerves following operations of nonmalignant thyroid hypertrophy (author's transl)] Przeklasa W, et al.
Przegl Lek 31:444-9, 1974 (Eng. Abstr.) (Pol)
- [Identification of the parathyroid glands by means of in vivo staining: preliminary experimental results with various clinical observations] Rosa JC, et al.
Rev Paul Med 79:23-4, Feb 72 (Eng. Abstr.) (Por)
- [Study of the nucleic acids in rat liver mitochondria under different thyroid hormone levels in the body] Turakulov IaKh, et al.
Biokhimiia 38:1243-7, Nov-Dec 73 (Eng. Abstr.) (Rus)
- [Effect of thyroidectomy on the development of compensatory adrenal hypertrophy] Borodin AD.
Patol Fiziol Eksp Ter 14:37-41, Sep-Oct 74 (Eng. Abstr.) (Rus)
- [Glycolytic processes in the livers of thyroidectomized rats] Kovtuniak MA, et al.
Ukr Biokhim Zh 46:178-80, Mar-Apr 74 (Eng. Abstr.) (Ukr)

ADVERSE EFFECTS

- [Surgical treatment of thyrotoxicosis. A follow-up study of 61 operated patients] Vlk-Mo H, et al.
Tidsskr Nor Laegeforen 94:980-1, 30 May 74 (Nor)
- [Oral manifestations of hypoparathyroidism] Raczew Z.
Czas Stomatol 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)

THYROID

II. Disorders of the Thyroid Gland

CRETINISM

BLOOD

Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74

COMPLICATIONS

Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of Western New Guinea. V. A note on birth weights and infantile growth rates in the Mulla population. Gajdusek DC, et al. *Hum Biol* 46:339-44, May 74

DRUG THERAPY

Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74
[Congenital hypothyroidism (cretinism)] Nakajima H. *Clin Endocrinol (Tokyo)* 22:76-9, Jan 74 (Jap)

METABOLISM

Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74

OCCURRENCE

Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74
Patterns of disease in Papua New Guinea. Maddocks I. *Med J Aust* 1:442-6, 23 Mar 74
Endemic goitre and cretinism: public health significance and prevention. Stanbury JB, et al. *WHO Chron* 28:220-8, May 74

PHYSIOPATHOLOGY

[Plasma TSH and circulating thyroid hormone (T3 and T4) levels in patients with goiter and endemic cretinism] Medeiros Neto GA de, et al. *Rev Assoc Med Bras* 20:7-12, Jan 74 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

Endemic goitre and cretinism: public health significance and prevention. Stanbury JB, et al. *WHO Chron* 28:220-8, May 74

THERAPY

[Neonatal goiter] Sakurada N. *Clin Endocrinol (Tokyo)* 22:74-5, Jan 74 (Jap)

GOITER

BLOOD

Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H. *Acta Endocrinol (Kbh)* 76:74-82, May 74
Quantitative studies of iodine metabolism in sporadic, non-toxic goitre. An evaluation of pathogenesis. Agerbaek H, et al. *Acta Endocrinol (Kbh)* 76:67-73, May 74
Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. Forest JC, et al. *Acta Endocrinol (Kbh)* 76:89-101, May 74

CHEMICALLY INDUCED

The effect of morphine on pituitary-thyroid function in

the rat. Bakke JL, et al. *Eur J Pharmacol* 25:402-6, Mar 74
Goitrogenic action of some anti-adrenal drugs (metopirone-dexamethasone) in the hedgehog, *Hemiechinus auritus* Collaris. Dixit VP, et al. *Indian J Exp Biol* 11:566-7, Nov 73
Thyroxine analogs. 22. Thyromimetic activity of halogen-free derivatives of 3,5-dimethyl-L-thyronine. Jorgensen EC, et al. *J Med Chem* 17:434-9, Apr 74
Hyperthyroidism associated with pregnancy. Goluboff LG, et al. *Obstet Gynecol* 44:107-16, Jul 74
[Comparative morphometric study of the ultrastructural restructurings of thyroid gland cells at different periods of embryonic development normally and in malignant degeneration] Dmitrieva NP, et al. *Tsitologiya* 16:551-4, May 74 (Eng. Abstr.) (Rus)

CLASSIFICATION

[Classification of thyroid gland diseases] Klein E, et al. *Internist (Berlin)* 15:181-3, Mar 74 (Ger)

COMPLICATIONS

Addison's disease--clinical studies. A report fo 108 cases. Nerup J. *Acta Endocrinol (Kbh)* 76:127-41, May 74
Radiology of Pendred's syndrome. Andersen PE. *Adv Otorhinolaryngol* 21:9-18, 1974
Relationship of pathology to function in congenital hearing loss. II. The auditory function in congenital hearing loss. Downs MP. *Audiology* 11:330-6, Sep-Dec 72
Letter: Congenital deafness and hypothyroidism. Wiener JD. *Lancet* 1:938-9, 11 May 74
Benign disease of the thyroid gland and vocal cord paralysis. Rueger RG. *Laryngoscope* 84:897-907, Jun 74
Thyrototoxicosis developing during lithium treatment: case report. Franklin LM. *NZ Med J* 79:782, 27 Mar 74
[Vocal cord paralysis. Forms and diagnostic consequences] Wirth G. *Fortschr Med* 92:691-2, 6 Jun 74 (Ger)
[Benign metastasizing goiter] Fodor J, et al. *Orv Hetil* 115:203-4, 27 Jan 74 (Hun)

CONGENITAL

Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. Forest JC, et al. *Acta Endocrinol (Kbh)* 76:89-101, May 74
Isolation and characterization of soluble and particulate thyroid iodoproteins in human congenital goiter. Monaco F, et al. *Horm Res* 5:141-55, 1974
[Hypothyroid congenital goiter caused by peroxidase deficiency. Study of 2 cases] Herrera Pombo JL, et al. *Rev Clin Esp* 133:71-6, 15 Apr 74 (Spa)

DIAGNOSIS

Benign disease of the thyroid gland and vocal cord paralysis. Rueger RG. *Laryngoscope* 84:897-907, Jun 74
[Diagnosis of mediastinal tumors (author's transl)] Jochem B, et al. *Med Klin* 69:735-44, 26 Apr 74 (Eng. Abstr.) (Ger)

DRUG THERAPY

Thyroxine analogs. 22. Thyromimetic activity of halogen-free derivatives of 3,5-dimethyl-L-thyronine. Jorgensen EC, et al. *J Med Chem* 17:434-9, Apr 74
Acute gouty arthritis and response to colchicine in the virtual absence of synovial-fluid leukocytes. Ortel RW, et al. *N Engl J Med* 290:1363-4, 13 Jun 74

ENZYMOLGY

Cytochemical study of non-specific esterase, acid and alkaline phosphatase in the human thyroid neoplasms. Smejkalová E, et al. *Acta Histochem (Jena)* 46:74-8, 1973

GOITER

A defective thyroid peroxidase solubilized from a familial goiter with iodine organification defect. Pommier J, et al. *J Clin Endocrinol Metab* 39:69-80, Jul 74
[Hypothyroid congenital goiter caused by peroxidase deficiency. Study of 2 cases] Herrera Pombo JL, et al. *Rev Clin Esp* 133:71-6, 15 Apr 74 (Spa)

ETIOLOGY

The goitrogenicity of kale and its relation to thiocyanate content. Paxman PJ, et al. *J Sci Food Agric* 25:329-37, Mar 74
Thiocyanate content of kale. Paxman PJ, et al. *J Sci Food Agric* 25:323-8, Mar 74
[A case of hyperthyroidism with adrenal insufficiency and hemolytic anemia. Positive action of corticotherapy] Sankale M, et al. *Sem Hop Paris* 50:159-63, 8 Jan 74 (Fre)

FAMILIAL & GENETIC

A defective thyroid peroxidase solubilized from a familial goiter with iodine organification defect. Pommier J, et al. *J Clin Endocrinol Metab* 39:69-80, Jul 74

IMMUNOLOGY

Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H. *Acta Endocrinol (Kbh)* 76:74-82, May 74
Quantitative studies of iodine metabolism in sporadic, non-toxic goitre. An evaluation of pathogenesis. Agerbaek H, et al. *Acta Endocrinol (Kbh)* 76:67-73, May 74

METABOLISM

Quantitative studies of iodine metabolism in sporadic, non-toxic goitre. An evaluation of pathogenesis. Agerbaek H, et al. *Acta Endocrinol (Kbh)* 76:67-73, May 74
Isolation and characterization of soluble and particulate thyroid iodoproteins in human congenital goiter. Monaco F, et al. *Horm Res* 5:141-55, 1974

OCCURRENCE

Letter: The solitary thyroid nodule. Samuel AY, et al. *Br Med J* 2:227-8, 27 Apr 74

PATHOLOGY

High-speed pneumatic drill for biopsy of thyroid lesions. Sachdeva HS, et al. *Arch Surg* 108:744-5, May 74
Relationship of pathology to function in congenital hearing loss. I. The pathology of congenital hearing loss. Hemenway WG. *Audiology* 11:322-9, Sep-Dec 72
Aspiration biopsy cytology. I. Cytology of supradiaphragmatic organs. 3 Thyroid. Lowhagen T. *Monogr Clin Cytol* 4:67-89, 1974 (8 ref.)
[Comparative morphometric study of the ultrastructural restructurings of thyroid gland cells at different periods of embryonic development normally and in malignant degeneration] Dmitrieva NP, et al. *Tsitologiya* 16:551-4, May 74 (Eng. Abstr.) (Rus)

RADIOGRAPHY

Radiology of Pendred's syndrome. Andersen PE. *Adv Otorhinolaryngol* 21:9-18, 1974
Benign disease of the thyroid gland and vocal cord paralysis. Rueger RG. *Laryngoscope* 84:897-907, Jun 74

RADIOTHERAPY

The changes in the thyroid gland after irradiation with ¹³¹I or partial thyroidectomy for thyrotoxicosis. Kennedy JS, et al. *J Pathol* 112:65-81, Feb 74

SURGERY

Benign disease of the thyroid gland and vocal cord paralysis. Rueger RG. *Laryngoscope* 84:897-907, Jun 74
[114 cases of goiter operated on at the Al-Attaf hospital in Algiers] Gerlach Z, et al. *Wlad Lek* 27:923-5, 15 May 74 (Pol)

THYROID

THERAPY

[Nontoxic goiter] Iino S. *Clin Endocrinol (Tokyo)* 22:18-9, Jan 74 (Jap)
[Neonatal goiter] Sakurada N. *Clin Endocrinol (Tokyo)* 22:74-5, Jan 74 (Jap)

URINE

Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H. *Acta Endocrinol (Kbh)* 76:74-82, May 74

GOITER, ENDEMIC

BLOOD

Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74
Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of western New Guinea. IV. Serum proteins and haptoglobins, transferrins and hemoglobin types in goitrous and adjacent non-goitrous Western Dani populations. Curtain CC, et al. *Hum Biol* 46:331-8, May 74

COMPLICATIONS

Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of western New Guinea. IV. Serum proteins and haptoglobins, transferrins and hemoglobin types in goitrous and adjacent non-goitrous Western Dani populations. Curtain CC, et al. *Hum Biol* 46:331-8, May 74
Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of Western New Guinea. V. A note on birth weights and infantile growth rates in the Mulia population. Gajdusek DC, et al. *Hum Biol* 46:339-44, May 74
Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of western New Guinea. 3. Serum and urinary iodine levels in goitrous and adjacent non-goitrous populations. Garruto RM, et al. *Hum Biol* 46:311-29, May 74
[Post-mortem investigation of occult thyroid carcinoma in endemic goitre regions (author's transl)] Balázs G, et al. *Wien Klin Wochenschr* 86:339-44, 14 Jun 74 (Eng. Abstr.) (Ger)

DIAGNOSIS

Notes on the anatomical and functional pictures of acute hot thyroid nodes and the relationships between this form and endemic goitre. Gubetta L, et al. *J Nucl Biol Med* 18:13-9, Jan-Mar 74

DRUG THERAPY

Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74

METABOLISM

Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74
Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of western New Guinea. 3. Serum and urinary iodine levels in goitrous and adjacent non-goitrous populations. Garruto RM, et al. *Hum Biol* 46:311-29, May 74
[Iodine and endemic goiter] Vogt JH. *Tidsskr Nor Laegeforen* 94:1012, 30 May 74 (Nor)

OCCURRENCE

Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74
Endemic goitre and cretinism: public health significance and prevention. Stanbury JB, et al. *WHO Chron* 28:220-8, May 74

THYROID

GOITER, EXOPHTHALMIC

[Goiter in Mexico] Fuentes Aguilar R.
Salud Publica Mex 15:513-82, Jul-Aug 73 (Spa)

PATHOLOGY

Notes on the anatomical and functional pictures of acute hot thyroid nodes and the relationships between this form and endemic goitre. Gubetta L, et al. J Nucl Biol Med 18:13-9, Jan-Mar 74
[Post-mortem investigation of occult thyroid carcinoma in endemic goitre regions (author's transl)] Balázs G, et al.
Wien Klin Wochenschr 86:339-44, 14 Jun 74 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

[Functions of the sympathetic-adrenal system in euthyroid endemic goiter patients] Zefanlov AS. Klin Khir 4:56-8, Apr 74 (Rus)
[Intraocular pressure in recurrent endemic goiter] Venger PL.
Oftalmol Zh 29:118-20, 1974 (Eng. Abstr.) (Rus)
[Plasma TSH and circulating thyroid hormone (T3 and T4) levels in patients with goiter and endemic cretinism] Medeiros Neto GA de, et al.
Rev Assoc Med Bras 20:7-12, Jan 74 (Eng. Abstr.) (Spa)

PREVENTION & CONTROL

Endemic goitre and cretinism: public health significance and prevention. Stanbury JB, et al. WHO Chron 28:220-8, May 74
[Iodized bread in the prophylaxis of endemic goiter in children] Gandz AS.
Pediatria 53:77-8, Apr 74 (Eng. Abstr.) (Rus)

SURGERY

[Intraocular pressure in recurrent endemic goiter] Venger PL.
Oftalmol Zh 29:118-20, 1974 (Eng. Abstr.) (Rus)

GOITER, EXOPHTHALMIC

New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease. McDougall IR, et al.
Scott Med J 19:165-9, Jul 74 (36 ref.)

BLOOD

The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. Clin Endocrinol (Oxf) 3:55-61, Jan 74
Normal serum triiodothyronine concentration and the lack of TSH response to TRH in patients with euthyroid Graves' disease. Shimizu T, et al.
Endocrinol Jap 20:527-8, Oct 73
[Significance of long-acting thyroid stimulator. Reflections on the 1st series of results] Tournear R, et al. Minerva Med 65:995-8, 14 Mar 74 (Ita)

COMPLICATIONS

Malignant and benign neoplasms of the thyroid in patients treated for hyperthyroidism: a report of the cooperative thyrotoxicosis therapy follow-up study. Dobyns BM, et al.
J Clin Endocrinol Metab 38:976-98, Jun 74

DIAGNOSIS

The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. Clin Endocrinol (Oxf) 3:55-61, Jan 74
Ultrasonographic evidence of a consistent orbital involvement in Graves's disease. Werner SC, et al. N Engl J Med 290:1447-50, 27 Jun 74
[Reexamination of clinical significance of hand tremor test in Basedow's disease: Application of electric determination and its results] Maruchi N, et al. Clin Endocrinol (Tokyo) 22:391-3, Mar 74 (Jap)
[Ophthalmic syndromes of Graves-Basedow disease in children and their relation to the course of the disease and treatment] Rybakowa M, et al.
Endokrynol Pol 25:133-9, Mar-Apr 74 (Eng. Abstr.) (Pol)
[Radiolotope study of inorganic and organic phases of

intrathyroid stage of iodine metabolism] Kotliarov EV, et al.
Med Radiol (Mosk) 18:12-5, Aug 73 (Eng. Abstr.) (Rus)

DRUG THERAPY

The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. Clin Endocrinol (Oxf) 3:55-61, Jan 74
Letter: Acute myeloblastic leukaemia after propylthiouracil. Aksoy M, et al.
Lancet 1:928-9, 11 May 74
New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease. McDougall IR, et al.
Scott Med J 19:165-9, Jul 74 (36 ref.)
[Hyperthyroidism] Ogiwara T, et al.
Clin Endocrinol (Tokyo) 22:27-30, Jan 74 (Jap)
[Ophthalmic syndromes of Graves-Basedow disease in children and their relation to the course of the disease and treatment] Rybakowa M, et al.
Endokrynol Pol 25:133-9, Mar-Apr 74 (Eng. Abstr.) (Pol)

ETIOLOGY

Editorial: Auto-immunity in thyroid disease. Chhetri MK, et al. J Indian Med Assoc 61:439-40, 16 Nov 73

FAMILIAL & GENETIC

The pathogenesis of Graves' disease and Hashimoto's thyroiditis. Volpé R, et al.
Clin Endocrinol (Oxf) 3:239-61, Jul 74 (134 ref.)

IMMUNOLOGY

Thyroid physiology in health and disease. Ann Intern Med 81:68-81, Jul 74 (94 ref.)
The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. Clin Endocrinol (Oxf) 3:55-61, Jan 74
The pathogenesis of Graves' disease and Hashimoto's thyroiditis. Volpé R, et al.
Clin Endocrinol (Oxf) 3:239-61, Jul 74 (134 ref.)
HL-A, immune-response genes, and disease. McDevitt HO, et al. Lancet 1:1269-75, 22 Jun 74
Letter: Rosette inhibition in Grave's disease. Chapel HM, et al. N Engl J Med 291:103, 11 Jun 74
New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease. McDougall IR, et al.
Scott Med J 19:165-9, Jul 74 (36 ref.)
[Significance of long-acting thyroid stimulator. Reflections on the 1st series of results] Tournear R, et al. Minerva Med 65:995-8, 14 Mar 74 (Ita)

METABOLISM

Correlation between long-acting thyroid stimulator protector level and thyroid 131-I uptake in thyrotoxicosis. Adams DD, et al.
Br Med J 2:199-201, 27 Apr 74
The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. Clin Endocrinol (Oxf) 3:55-61, Jan 74
[Radiolotope study of inorganic and organic phases of intrathyroid stage of iodine metabolism] Kotliarov EV, et al.
Med Radiol (Mosk) 18:12-5, Aug 73 (Eng. Abstr.) (Rus)
[Metabolism of iron in thyroid hyperfunctional states] Marañón A, et al.
Rev Iber Endocrinol 21:151-7, Mar-Apr 74 (Eng. Abstr.) (Spa)

PATHOLOGY

Aspiration biopsy cytology. I. Cytology of supradiaphragmatic organs. 3 Thyroid. Lowhagen T. Monogr Clin Cytol 4:87-89, 1974 (8 ref.)

PHYSIOPATHOLOGY

Letter: Rosette inhibition in Grave's disease. Chapel HM, et al. N Engl J Med 291:103, 11 Jun 74
New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease.

GOITER, EXOPHTHALMIC

McDougall IR, et al.
Scott Med J 19:165-9, Jul 74 (36 ref.)

RADIOTHERAPY

New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease.
McDougall IR, et al.
Scott Med J 19:165-9, Jul 74 (36 ref.)
[The treatment of Basedow's disease in early pregnancy with iodine radioisotopes] Gavallér I. Orv Hetil 115:1169-71, 19 May 74 (Hun)
[Possible sequelae of the action of radioactive iodine in man] Il'in LA, et al.
Med Radiol (Mosk) 18:66-80, Aug 73 (Rus)

SURGERY

New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease.
McDougall IR, et al.
Scott Med J 19:165-9, Jul 74 (36 ref.)
[Surgical treatment of thyrotoxicosis. A follow-up study of 61 operated patients] Vik-Mo H, et al. Tidsskr Nor Laegeforen 94:980-1, 30 May 74 (Nor)

THERAPY

New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease.
McDougall IR, et al.
Scott Med J 19:165-9, Jul 74 (36 ref.)
[Incorporation of labelled triiodothyronine into the blood erythrocytes in diffuse toxic goiter under the influence of treatment with artificial arsenous mineral baths] Danilova IN, et al.
Vopr Kurortol Fizioter Lech Fiz Kult 39:140-3, Mar 74 (Rus)

GOITER, NODULAR

BLOOD

Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H. Acta Endocrinol (Kbh) 76:74-82, May 74
Antesternal pendant goitre: a case report. Mullick RN, et al. Br J Surg 61:371-2, May 74
Transient lack of thyrotropin (TSH) response to thyrotropin-releasing hormone (TRH) in treated hyperthyroid patients with normal or low serum thyroxine (T4) and triiodothyronine (T3). Sanchez-Franco F, et al.
J Clin Endocrinol Metab 38:1098-102, Jun 74

COMPLICATIONS

Benign disease of the thyroid gland and vocal cord paralysis. Rueger RG. Laryngoscope 84:897-907, Jun 74

DIAGNOSIS

Antesternal pendant goitre: a case report. Mullick RN, et al. Br J Surg 61:371-2, May 74
Notes on the anatomical and functional pictures of acute hot thyroid nodes and the relationships between this form and endemic goitre. Gubetta L, et al. J Nucl Biol Med 18:13-9, Jan-Mar 74
Benign disease of the thyroid gland and vocal cord paralysis. Rueger RG. Laryngoscope 84:897-907, Jun 74
Hyperthyroidism after iodinated contrast medium. Blum M, et al. N Engl J Med 291:24-5, 4 Jul 74
Ultrasonographic evidence of a consistent orbital involvement in Graves's disease. Werner SC, et al. N Engl J Med 290:1447-50, 27 Jun 74
[Letter: Unusual inflammation after subtotal thyroidectomy for toxic multinodular goiter. Thyroiditis?] Bricaire H, et al.
Nouv Presse Med 3:751-2, 23 Mar 74 (Fre)
[Completion of scintigraphy of euthyroid nodular goiter by cytology following fine-needle biopsy] Wuttke H, et al.
Strahlentherapie 146:657-63, Dec 73 (Eng. Abstr.) (Ger)
[Thyrolymphadenography and thyroid scintigraphy. Diagnostic comparisons] Campana FP, et al.
Minerva Chir 29:335-48, 31 Mar 74 (Eng. Abstr.) (Ita)
[Comparison of results of scintiscanning of thyroid nodules in vivo and in vitro] Górowski T, et al.
Pol Tyg Lek 29:601-4, 15 Apr 74 (Eng. Abstr.) (Pol)

THYROID

[Neurilemmoma simulating nodular goiter] Tochilin VI, et al.
Probl Endokrinol (Mosk) 20:51-2, Mar-Apr 74 (Rus)

ETIOLOGY

Aspiration biopsy cytology. I. Cytology of supradiaphragmatic organs. 3 Thyroid. Lowhagen T. Monogr Clin Cytol 4:67-89, 1974 (8 ref.)

IMMUNOLOGY

Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H. Acta Endocrinol (Kbh) 76:74-82, May 74

METABOLISM

Preferential synthesis of thyroxine from early iodinated tyrosyl residues in thyroglobulin. Lamas L, et al. J Biol Chem 249:2732-7, 10 May 74
[Comparison of results of scintiscanning of thyroid nodules in vivo and in vitro] Górowski T, et al.
Pol Tyg Lek 29:601-4, 15 Apr 74 (Eng. Abstr.) (Pol)
[Isolation and some properties of human thyroalbumin] Saatov T, et al.
Biokhimiia 38:851-6, Jul-Aug 73 (Eng. Abstr.) (Rus)

PATHOLOGY

Notes on the anatomical and functional pictures of acute hot thyroid nodes and the relationships between this form and endemic goitre. Gubetta L, et al. J Nucl Biol Med 18:13-9, Jan-Mar 74
[Letter: Unusual inflammation after subtotal thyroidectomy for toxic multinodular goiter. Thyroiditis?] Bricaire H, et al.
Nouv Presse Med 3:751-2, 23 Mar 74 (Fre)
[Completion of scintigraphy of euthyroid nodular goiter by cytology following fine-needle biopsy] Wuttke H, et al.
Strahlentherapie 146:657-63, Dec 73 (Eng. Abstr.) (Ger)

RADIOGRAPHY

Antesternal pendant goitre: a case report. Mullick RN, et al. Br J Surg 61:371-2, May 74
[Thyrolymphadenography and thyroid scintigraphy. Diagnostic comparisons] Campana FP, et al.
Minerva Chir 29:335-48, 31 Mar 74 (Eng. Abstr.) (Ita)
[Transcutaneous lymphography of thyroid gland] Ruka W, et al.
Pol Przegl Chir 46:649-55, May 74 (Eng. Abstr.) (Pol)

SURGERY

Antesternal pendant goitre: a case report. Mullick RN, et al. Br J Surg 61:371-2, May 74
Benign disease of the thyroid gland and vocal cord paralysis. Rueger RG. Laryngoscope 84:897-907, Jun 74
[Letter: Unusual inflammation after subtotal thyroidectomy for toxic multinodular goiter. Thyroiditis?] Bricaire H, et al.
Nouv Presse Med 3:751-2, 23 Mar 74 (Fre)
[Comparison of results of scintiscanning of thyroid nodules in vivo and in vitro] Górowski T, et al.
Pol Tyg Lek 29:601-4, 15 Apr 74 (Eng. Abstr.) (Pol)

THERAPY

[Thyroid tumor] Furthata R.
Clin Endocrinol (Tokyo) 22:20-5, Jan 74 (Jap)
[Nontoxic goiter] Iino S.
Clin Endocrinol (Tokyo) 22:18-9, Jan 74 (Jap)

GOITER, SUBSTERNAL

COMPLICATIONS

[Thymoma associated with plunging goiter] Bezerra JW, et al. Rev Assoc Med Bras 20:91-2, Feb 74 (Por)

HYPERTHYROIDISM

Hyperthyroidism associated with pregnancy. Goluboff LG, et al. Obstet Gynecol 44:107-16, Jul 74
[Pituitary apoplexy] Lindholm J, et al.
Ugeskr Laeger 136:1150-2, 20 May 74 (Eng. Abstr.) (Dan)

THYROID

HYPERTHYROIDISM

[Aging and diseases: anomaly of thyroid gland function] Ogata E.
Jap J Clin Med 32:124-9, Jan 74 (13 ref.) (Jap)
[Hyperthyroidism and anesthesia] Vidal López F.
Rev Esp Anestesiol Reanim 21:97-111, Mar 74 (Spa)

BLOOD

The "effective thyroxine ratio"—new in vitro test of thyroid function and its correlation with free thyroxine. Nauman J, et al.
Acta Endocrinol (Kbh) 76:83-8, May 74
Acromegaly and cardiovascular disorders. A prospective study. McGuffin WL Jr, et al.
Ann Intern Med 81:11-8, Jul 74
Thyroid physiology in health and disease.
Ann Intern Med 81:68-81, Jul 74 (94 ref.)
Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)
Plasma renin activity and aldosterone concentration of patients with hyperthyroidism and hypothyroidism. Ogiwara T, et al. Endocrinol Jap 20:433-7, Oct 73
Parathyroid function in patients with hyper- or hypothyroidism. Bouillon R, et al.
J Clin Endocrinol Metab 38:999-1004, Jun 74
Transient lack of thyrotropin (TSH) response to thyrotropin-releasing hormone (TRH) in treated hyperthyroid patients with normal or low serum thyroxine (T4) and triiodothyronine (T3). Sanchez-Franco F, et al.
J Clin Endocrinol Metab 38:1098-102, Jun 74
Plasma insulin and glucagon responses to arginine in patients with thyroid dysfunction. Seino Y, et al.
J Clin Endocrinol Metab 38:1136-40, Jun 74
Triiodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abulid J, et al.
J Clin Invest 54:201-8, Jul 74
Prolactin response to thyrotrophin releasing hormone in thyrotoxicosis. Toft AD, et al.
J Endocrinol 61:515-8, Jun 74
Letter: Propranolol and thyroidectomy. Lund B, et al.
Lancet 1:1348, 29 Jun 74
Beta-blockade and partial thyroidectomy for thyrotoxicosis. Michle W, et al.
Lancet 1:1009-11, 25 May 74
Letter: Serum F.T.I. and T.S.H. in iodine-131-treated hyperthyroidism. Toft AD, et al.
Lancet 1:1284, 22 Jun 74
Red cell carbonic anhydrases B and C (CA B and CA C). Norgaard-Pedersen B.
Scand J Immunol 2:Suppl 1:125-8, 1973
Iodide therapy of triiodothyronine-thyrotoxicosis. Sakurada T, et al. Tohoku J Exp Med 111:219-27, Nov 73
[Method of radioimmunochemical determination of blood thyroxine] Bellabarba D, et al.
Union Med Can 103:647-53, Apr 74 (Eng. Abstr.) (Fre)
[Evaluation of the E.T.R. (Effective Thyroxine Ratio) as a thyroid function test. Comparison with total and free thyroxine] Dussault JH.
Union Med Can 102:1846-7, Sep 73 (Eng. Abstr.) (Fre)
[Thyroxine (T4) determination by radioimmunochemical method in dried blood eluate: new diagnostic method of neonatal hypothyroidism?] Dussault JH, et al.
Union Med Can 102:2062-4, Oct 73 (Eng. Abstr.) (Fre)
[Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to radiolodine therapy] Grebe SF.
Radiologie 14:161-5, Apr 74 (Ger)
[Radioimmunoassay for serum triiodothyronine and thyroxine, and its use in hyperthyroidism] Hehrmann R, et al. Radiologie 14:156-60, Apr 74 (Ger)
[Calcium metabolism in hyperthyroidism] Montz R, et al. Radiologie 14:166-72, Apr 74 (Ger)
[Examination and clinical application of T3 radioimmunoassay-Klt] Dol A, et al.
Clin Endocrinol (Tokyo) 22:413-6, Mar 74 (Jap)
[Triiodothyronine radioimmunoassay in hypothyroidism and hyperthyroidism] Kosowicz J, et al. Pol Tyg Lek 29:557-9, 8 Apr 74 (Eng. Abstr.) (Pol)
[Thromboplastic properties of tissue extracts in experimental thyroxine intoxication] Khubetsova RD, et al.
Probl Endokrinol (Mosk) 20:87-90, Mar-Apr 74 (Eng. Abstr.) (Rus)
[Effect of thyroid hormones and thyrostatic agents on the content of seromucoids in the blood serum of rats] Kyz'mak NI.
Probl Endokrinol (Mosk) 20:93-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

[Content of nucleic acids and sulfhydryl compounds in thyrotoxicosis] Sellvonenko VG.
Probl Endokrinol (Mosk) 20:90-2, Mar-Apr 74 (Eng. Abstr.) (Rus)
[Thrombocytopenic purpura and hyperthyroidism] Quiroga Micheo E, et al.
Sangre (Barc) 18:534-6, 1973 (Eng. Abstr.) (Spa)

CHEMICALLY INDUCED

Influence of thyroid state on cholesterol hydroxylation and absorption in the rat. Story JA, et al.
Biochem Med 10:214-8, Jul 74
Effects of neonatal hyperthyroidism on activity of cyclic AMP-dependent microsomal protein kinase. Schmidt MJ. J Neurochem 22:469-71, Mar 74
Hyperthyroidism after iodinated contrast medium. Blum M, et al. N Engl J Med 291:24-5, 4 Jul 74
Letter: Replacement treatment of hypothyroidism. N Engl J Med 291:100-3, 11 Jun 74
Increased myocardial cathepsin D activity during regression of thyrotoxic cardiac hypertrophy. Wildenthal K, et al. Nature 249:478-9, 31 May 74
Thyrotoxicosis developing during lithium treatment: case report. Franklin LM. NZ Med J 79:782, 27 Mar 74
[Thromboplastic properties of tissue extracts in experimental thyroxine intoxication] Khubetsova RD, et al.
Probl Endokrinol (Mosk) 20:87-90, Mar-Apr 74 (Eng. Abstr.) (Rus)
[The effect of hyper- and hypothyroidism on serotonin and noradrenaline concentration and monoamine oxidase activity in the nerve endings of the brains of rats] Kononenko Via, et al.
Ukr Biokhim Zh 46:152-6, Mar-Apr 74 (Eng. Abstr.) (Ukr)

CLASSIFICATION

[Classification of thyroid gland diseases] Klein E, et al.
Internist (Berlin) 15:181-3, Mar 74 (Ger)

COMPLICATIONS

Addison's disease—clinical studies. A report to 108 cases. Nerup J.
Acta Endocrinol (Kbh) 76:127-41, May 74
Addison's disease—serological studies. Nerup J.
Acta Endocrinol (Kbh) 76:142-58, May 74
Clinical findings in patients with hypercalcaemia. A final investigation based on biochemical screening. Stenström G, et al. Acta Med Scand 195:473-7, Jun 74
Thyrotoxicosis and giant-cell arteritis. Thomas RD, et al. Br Med J 2:408-9, 25 May 74
Malignant and benign neoplasms of the thyroid in patients treated for hyperthyroidism: a report of the cooperative thyrotoxicosis therapy follow-up study. Dobyns BM, et al.
J Clin Endocrinol Metab 38:976-98, Jun 74
Aspiration biopsy cytology. I. Cytology of supradiaphragmatic organs. 3 Thyroid. Lowhagen T. Monogr Clin Cytol 4:67-89, 1974 (8 ref.)
Increased myocardial cathepsin D activity during regression of thyrotoxic cardiac hypertrophy. Wildenthal K, et al. Nature 249:478-9, 31 May 74
Addison's disease and thyrotoxicosis. Hunt JP.
Proc R Soc Med 67:322, May 74
Chronic diarrhea in infants and children. II. Poley JR. South Med J 66:1133-41, Oct 73 (312 ref.)
[A case of hyperthyroidism with adrenal insufficiency and hemolytic anemia. Positive action of corticotherapy] Sankale M, et al.
Sem Hop Paris 50:159-63, 8 Jan 74 (Fre)
[Hypercalciuria—nephrocalcinosis— and calcium calculi of the kidney. Differential diagnosis and clinical aspects of pathological renal calcium transport] Heldbreder E, et al.
Dtsch Med Wochenschr 99:586-590, 22 Mar 74 (29 ref.) (Ger)
[Calcium metabolism in hyperthyroidism] Montz R, et al. Radiologie 14:166-72, Apr 74 (Ger)
[Diagnosis and clinical aspects of arterial hypertension] Sacchetti C.
Arch E Maragliano Patol Clin 29:73-83, Jan 73 (Eng. Abstr.) (Ita)
[Endocrine myopathy] Shishiba Y.
Clin Endocrinol (Tokyo) 22:56-8, Jan 74 (Jap)
[Idiopathic Addison's disease] Demura H.
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)

- [Aging and diseases: osteoporosis] Okamoto T, et al. *Jap J Clin Med* 32:130-3, Jan 74 (16 ref.) (Jap)
[Coexistence of hyperthyroidism and adrenocortical insufficiency] Leszczyński B, et al. *Poi Tyg Lek* 29:847-8, 20 May 74 (Eng. Abstr.) (Pol)
[Hyperthyroidism and anesthesia] Vidal López F. *Rev Esp Anestesiol Reanim* 21:97-111, Mar 74 (Spa)
[Thrombocytopenic purpura and hyperthyroidism] Quiroga Micheo E, et al. *Sangre (Barc)* 18:534-6, 1973 (Eng. Abstr.) (Spa)

DIAGNOSIS

- Thyrotoxicosis and giant-cell arteritis. Thomas RD, et al. *Br Med J* 2:408-9, 25 May 74
Trilodothyronine radioimmunoassay: a study of the interactions of T3 with anti-T3 antisera and with thyroxine binding globulin in the presence of ANS (ammonium-8-anilino naphthalene-1-sulfonate). Malkus H, et al. *Clin Chim Acta* 51:191-8, 15 Mar 74
Red cell sodium as an index of thyroid function. Kanagasabapathy AS, et al. *Indian J Med Res* 61:1672-8, Nov 73
Hyperthyroidism associated with pregnancy. Goluboff LG, et al. *Obstet Gynecol* 44:107-16, Jul 74
Addison's disease and thyrotoxicosis. Hunt JP. *Proc R Soc Med* 67:322, May 74
[A case of hyperthyroidism with adrenal insufficiency and hemolytic anemia. Positive action of corticotherapy] Sankale M, et al. *Sem Hop Paris* 50:159-63, 8 Jan 74 (Fre)
[Method of radioimmunological determination of blood thyroxine] Bellabarba D, et al. *Union Med Can* 103:647-53, Apr 74 (Eng. Abstr.) (Fre)
[T3-thyrotoxicosis in a 3-year-old girl (author's transl)] Lehr HJ, et al. *Dtsch Med Wochenschr* 99:1406-7, 28 Jun 74 (Eng. Abstr.) (Ger)
[Clinical results with a radioimmunologic determination method for trilodothyronine] Hüfner M, et al. *Verh Dtsch Ges Inn Med* 79:1226-7, 1973 (Ger)
[Determinations of PBI and T3] Verreschi IN, et al. *Rev Paul Med* 82:129-32, Sep-Oct 73 (Eng. Abstr.) (Por)

DRUG THERAPY

- Thyrotoxicosis and giant-cell arteritis. Thomas RD, et al. *Br Med J* 2:408-9, 25 May 74
The short cardiac pre-ejection period: an index to thyrotoxicosis. Parial AF, et al. *Circulation* 49:900-4, May 74
Editorial: The pharmacology and therapeutic use of beta-adrenergic receptor blocking drugs in cardiovascular disease. Harrison DC. *Drugs* 7:1-7, 1974
Beta-adrenergic receptor blocking drugs in hyperthyroidism. Turner P. *Drugs* 7:48-54, 1974 (39 ref.)
Clinical effects of beta-adrenergic blockade in hyperthyroidism. Kumar V, et al. *J Assoc Physicians India* 21:633-7, Aug 73
Malignant and benign neoplasms of the thyroid in patients treated for hyperthyroidism: a report of the cooperative thyrotoxicosis therapy follow-up study. Dobyns BM, et al. *J Clin Endocrinol Metab* 38:976-98, Jun 74
Trilodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuld J, et al. *J Clin Invest* 54:201-8, Jul 74
Evidence for reversible motoneurone dysfunction in thyrotoxicosis. McComas AJ, et al. *J Neurol Neurosurg Psychiatry* 37:548-58, May 74
Letter: Thyrotrophin (T.S.H.) after iodine-131 therapy. Gibberd M, et al. *Lancet* 1:1048, 25 May 74
Beta-blockade and partial thyroidectomy for thyrotoxicosis. Michie W, et al. *Lancet* 1:1009-11, 25 May 74
Editorial: Thyrotoxicosis: the wheel turns. *Lancet* 1:1024-5, 25 May 74
Preliminary report: Decreased leukocyte alkaline phosphatase in hyperthyroidism. Gwinup G, et al. *Metabolism* 23:659-61, Jul 74
Hyperthyroidism associated with pregnancy. Goluboff LG, et al. *Obstet Gynecol* 44:107-16, Jul 74
Proceedings: Thyrotoxicosis and pregnancy. Kaufman. *S Afr J Surg* 11:292-3, Dec 73
Iodide therapy of trilodothyronine-thyrotoxicosis. Sakurada T, et al. *Tohoku J Exp Med* 111:219-27, Nov 73
[A case of hyperthyroidism with adrenal insufficiency

- and hemolytic anemia. Positive action of corticotherapy] Sankale M, et al. *Sem Hop Paris* 50:159-63, 8 Jan 74 (Fre)
[Effect of L-dopa on TSH secretion mechanism in the course of treatment for hyperthyroidism] Nakamura Y, et al. *Clin Endocrinol (Tokyo)* 22:403-8, Mar 74 (Jap)
[Effect of thyroid hormones and thyrostatic agents on the content of seromucoids in the blood serum of rats] Kyz'mak NI. *Probl Endocrinol (Mosk)* 20:93-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

ENZYMOLGY

- Thyroid hormone control of glutathione reductase activity in rat erythrocytes and liver. Menendez CE, et al. *Am J Physiol* 226:1480-3, Jun 74
Plasma renin activity and aldosterone concentration of patients with hyperthyroidism and hypothyroidism. Ogihara T, et al. *Endocrinol Jap* 20:433-7, Oct 73
Plasma lecithin: cholesterol acyltransferase activity in hypo- and hyperthyroidism. Adikofer F, et al. *Horm Metab Res* 6:142-6, Mar 74
Effects of neonatal hyperthyroidism on activity of cyclic AMP-dependent microsomal protein kinase. Schmidt MJ. *J Neurochem* 22:469-71, Mar 74
Beta-blockade and partial thyroidectomy for thyrotoxicosis. Michie W, et al. *Lancet* 1:1009-11, 25 May 74
Preliminary report: Decreased leukocyte alkaline phosphatase in hyperthyroidism. Gwinup G, et al. *Metabolism* 23:659-61, Jul 74
Increased myocardial cathepsin D activity during regression of thyrotoxic cardiac hypertrophy. Wildenthal K, et al. *Nature* 249:478-9, 31 May 74
Red cell carbonic anhydrases B and C (CA B and CA C). Norgaard-Pedersen B. *Scand J Immunol* 2:Suppl 1:125-8, 1973

ETIOLOGY

- Acromegaly and cardiovascular disorders. A prospective study. McGuffin WL Jr, et al. *Ann Intern Med* 81:11-8, Jul 74
Hyperthyroidism and giant-cell arteritis. MacGregor GA. *Br Med J* 2:42, 6 Jul 74
[A case of hyperthyroidism with adrenal insufficiency and hemolytic anemia. Positive action of corticotherapy] Sankale M, et al. *Sem Hop Paris* 50:159-63, 8 Jan 74 (Fre)

IMMUNOLOGY

- Correlation between long-acting thyroid stimulator protector level and thyroid 131-I uptake in thyrotoxicosis. Adams DD, et al. *Br Med J* 2:199-201, 27 Apr 74
Hyperthyroidism and giant-cell arteritis. MacGregor GA. *Br Med J* 2:42, 6 Jul 74
[Radioimmunoassay for serum trilodothyronine and thyroxine, and its use in hyperthyroidism] Hehrmann R, et al. *Radiologe* 14:156-60, Apr 74 (Ger)

METABOLISM

- Influence of thyroid state on cholesterol hydroxylation and absorption in the rat. Story JA, et al. *Biochem Med* 10:214-8, Jul 74
Correlation between long-acting thyroid stimulator protector level and thyroid 131-I uptake in thyrotoxicosis. Adams DD, et al. *Br Med J* 2:199-201, 27 Apr 74
Sex-hormone-binding globulin. Anderson DC. *Clin Endocrinol (Oxf)* 3:69-96, Jan 74
Stimulatory effects of thyroxine administration on reducing-equivalent transfer from substrate to oxygen during hepatic metabolism of sorbitol and glycerol. Werner HV, et al. *Eur J Biochem* 42:315-24, 1 Mar 74
Computer analysis of early thyroxine distribution in thyrotoxicosis and hypothyroidism. Busnardo B, et al. *Horm Metab Res* 6:202-7, May 74
Prolactin and thyrotrophin in thyroid diseases: lack of evidence for a physiological role of thyrotrophin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al. *Horm Metab Res* 6:190-5, May 74
Effect of thyroid status on glycerol metabolism in

- adipose tissue of fasted male rats. Montoya E, et al. *Horm Res* 5:129-40, 1974
- Cyclic adenosine 3',5'-monophosphate concentration in plasma, adipose tissue and skeletal muscle in normal subjects and in patients with hyper- and hypothyroidism. Karlberg BE, et al. *J Clin Endocrinol Metab* 39:98-101, Jul 74
- Trilodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuid J, et al. *J Clin Invest* 54:201-8, Jul 74
- Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
- Effects of hypothyroidism and hyperthyroidism on dipyrone metabolism in man. Brunk SF, et al. *J Clin Pharmacol* 5:271-9, May-Jun 74
- Increased myocardial cathepsin D activity during regression of thyrotoxic cardiac hypertrophy. Wildenthal K, et al. *Nature* 249:478-9, 31 May 74
- [Calcium metabolism in hyperthyroidism] Montz R, et al. *Radiologie* 14:166-72, Apr 74 (Ger)
- [Glycolysis and pentosephosphate shunt in human erythrocytes in hyperthyreosis and metabolic diseases] Goebel KM, et al.
- Verh Dtsch Ges Inn Med 79:1301-4, 1973 (Ger)
- [Influence of thyroid function on human drug metabolism] Gugler R, et al.
- Verh Dtsch Ges Inn Med 79:1230-3, 1973 (Ger)
- [Myocardial metabolism of the guinea pig in experimental hyperthyreosis] Rackwitz R, et al.
- Verh Dtsch Ges Inn Med 79:1023-7, 1973 (Ger)
- [Nuclear medicine aspects of clinical osteology] Schneider C.
- Verh Dtsch Ges Rheumatol 3:112-7, 1974 (Ger)
- [Study of the nucleic acids in rat liver mitochondria under different thyroid hormone levels in the body] Turakulov IaKh, et al.
- Biokhimiia 38:1243-7, Nov-Dec 73 (Eng. Abstr.) (Rus)
- [Metabolism of iron in thyroid hyperfunctional states] Marañón A, et al.
- Rev Iber Endocrinol 21:151-7, Mar-Apr 74 (Eng. Abstr.) (Spa)
- [The effect of hyper- and hypothyroidism on serotonin and noradrenaline concentration and monoamine oxidase activity in the nerve endings of the brains of rats] Kononenko VJa, et al.
- Ukr Biokhim Zh 46:152-6, Mar-Apr 74 (Eng. Abstr.) (Ukr)
- [Monoamine and adenine nucleotide content in the rat hypothalamus in hypo- and hyperthyroidism] Martynenko FP, et al.
- Ukr Biokhim Zh 45:624-7, Sep-Oct 73 (Eng. Abstr.) (Ukr)

OCCURRENCE

- [Aging and diseases: anomaly of thyroid gland function] Ogata E.
- Jap J Clin Med 32:124-9, Jan 74 (13 ref.) (Jap)

PATHOLOGY

- High-speed pneumatic drill for biopsy of thyroid lesions. Sachdeva HS, et al.
- Arch Surg 108:744-5, May 74
- [Cellular reaction in patients with hyperthyroidism in an inflammatory focus studied by the skin window method] Pleczko-Kuduk I, et al.
- Poi Tyg Lek 29:885-6, 27 May 74 (Eng. Abstr.) (Pol)

PHYSIOPATHOLOGY

- Defective regulatory control of developing rat cerebrum resulting from either excess or lack of thyroid hormone. Bass H, et al.
- Acta Univ Carol [Med Monogr] (Praha) 56:171-3, 1973
- Thyrotoxicosis and giant-cell arteritis. Thomas RD, et al. *Br Med J* 2:408-9, 25 May 74
- The short cardiac pre-ejection period: an index to thyrotoxicosis. Parisi AF, et al.
- Circulation 49:900-4, May 74
- Beta-adrenergic receptor blocking drugs in hyperthyroidism. Turner P.
- Drugs 7:48-54, 1974 (39 ref.)
- Persistent abnormalities in pituitary function following neonatal thyrotoxicosis in the rat. Azizi F, et al. *Endocrinology* 94:1881-8, Jun 74
- Parathyroid function in patients with hyper- or hypothyroidism. Bouillon R, et al.
- J Clin Endocrinol Metab 38:999-1004, Jun 74

- Prolactin response to thyrotrophin releasing hormone in thyrotoxicosis. Toft AD, et al.
- J Endocrinol 61:515-6, Jun 74
- Evidence for reversible motoneurone dysfunction in thyrotoxicosis. McComas AJ, et al.
- J Neurol Neurosurg Psychiatry 37:548-58, May 74
- Intraocular pressure in endocrinological patients with exophthalmos. Manor RS, et al.
- Ophthalmologica 168:241-52, 1974
- Recent advances in the pathophysiology of the parathyroid glands. Moor P de, et al.
- Verh K Vlaam Acad Geneesk Belg 36:106-34, 1974
- [Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da.
- Rev Paul Med 79:203-16, Jun 72 (Por)
- [Effect of cardiac glycosides on the hemodynamics and inotropism of the myocardium under conditions of thyrotoxicosis] Abinder AA, et al.
- Kardiologia 14:120-2, May 74 (Rus)
- [Role of the thyroid gland in humoral regulation of hematopoiesis] Lunina NV.
- Patol Fiziol Eksp Ter 10:63-5, May 74 (Eng. Abstr.) (Rus)

RADIOGRAPHY

- [Thyrolymphadenography and thyroid scintigraphy. Diagnostic comparisons] Campana FP, et al.
- Minerva Chir 29:335-48, 31 Mar 74 (Eng. Abstr.) (Ita)

RADIOTHERAPY

- The short cardiac pre-ejection period: an index to thyrotoxicosis. Parisi AF, et al.
- Circulation 49:900-4, May 74
- Beta-adrenergic receptor blocking drugs in hyperthyroidism. Turner P.
- Drugs 7:48-54, 1974 (39 ref.)
- Malignant and benign neoplasms of the thyroid in patients treated for hyperthyroidism: a report of the cooperative thyrotoxicosis therapy follow-up study. Dobyns BM, et al.
- J Clin Endocrinol Metab 38:976-98, Jun 74
- Effects of hypothyroidism and hyperthyroidism on dipyrone metabolism in man. Brunk SF, et al.
- J Clin Pharmacol 5:271-9, May-Jun 74
- The changes in the thyroid gland after irradiation with 131I or partial thyroidectomy for thyrotoxicosis. Kennedy JS, et al. *J Pathol* 112:65-81, Feb 74
- Letter: Serum F.T.I. and T.S.H. in iodine-131-treated hyperthyroidism. Toft AD, et al.
- Lancet 1:1284, 22 Jun 74
- Editorial: Thyrotoxicosis: the wheel turns.
- Lancet 1:1024-5, 25 May 74
- [Iodine-125 in treatment of hyperthyreosis (author's transl)] Glanzmann C, et al.
- Radiol Clin Biol 43:344-7, 1974 (Eng. Abstr.) (Ger)
- [Thrombocytopenic purpura and hyperthyroidism] Quiroga Micheo E, et al.
- Sangre (Barc) 18:534-6, 1973 (Eng. Abstr.) (Spa)

SURGERY

- Beta-adrenergic receptor blocking drugs in hyperthyroidism. Turner P.
- Drugs 7:48-54, 1974 (39 ref.)
- Malignant and benign neoplasms of the thyroid in patients treated for hyperthyroidism: a report of the cooperative thyrotoxicosis therapy follow-up study. Dobyns BM, et al.
- J Clin Endocrinol Metab 38:976-98, Jun 74
- The changes in the thyroid gland after irradiation with 131I or partial thyroidectomy for thyrotoxicosis. Kennedy JS, et al. *J Pathol* 112:65-81, Feb 74
- Letter: Propranolol and thyroidectomy. Lund B, et al.
- Lancet 1:1348, 29 Jun 74
- Beta-blockade and partial thyroidectomy for thyrotoxicosis. Michie W, et al.
- Lancet 1:1009-11, 25 May 74
- Editorial: Thyrotoxicosis: the wheel turns.
- Lancet 1:1024-5, 25 May 74
- Hyperthyroidism associated with pregnancy. Goluboff LG, et al. *Obstet Gynecol* 44:107-16, Jul 74
- [Bilateral damage of recurrent laryngeal nerves following operations of nonmalignant thyroid hypertrophy (author's transl)] Przeklasa W, et al.
- Przegl Lek 31:444-9, 1974 (Eng. Abstr.) (Pol)

THERAPY

- Letter: Propranolol and thyroidectomy. Lund B, et al. *Lancet* 1:1348, 29 Jun 74
- Beta-blockade and partial thyroidectomy for thyrotoxicosis. Michie W, et al. *Lancet* 1:1009-11, 25 May 74
- Editorial: Thyrotoxicosis: the wheel turns. *Lancet* 1:1024-5, 25 May 74
- [Endocrine diseases in pregnancy] Sakamoto S, et al. *Clin Endocrinol (Tokyo)* 22:142-5, Jan 74 (Jap)

URINE

- [Magnesium excretion in experimental hyperthyreosis] Wuttke H, et al. *Verh Dtsch Ges Inn Med* 79:1233-5, 1973 (Ger)

HYPOTHYROIDISM

- Cellular basis of cardiac dysrhythmias. Williams EM. *Adv Cardiol* 12:258-65, 1974
- [Aging and diseases: anomaly of thyroid gland function] Ogata E. *Jap J Clin Med* 32:124-9, Jan 74 (13 ref.) (Jap)

BLOOD

- Serum thyrotrophin and the response to thyrotrophin releasing hormone in symptomless autoimmune thyroiditis and in borderline and overt hypothyroidism. Gordin A, et al. *Acta Endocrinol (Kbh)* 75:274-85, Feb 74
- The "effective thyroxine ratio"--new in vitro test of thyroid function and its correlation with free thyroxine. Nauman J, et al. *Acta Endocrinol (Kbh)* 78:83-8, May 74
- A biochemical profile of abnormalities in hypothyroidism. Chertow BS, et al. *Am J Clin Pathol* 61:785-8, Jun 74
- An apolipoprotein preferentially enriched in cholesteryl ester-rich very low density lipoproteins. Shore B, et al. *Biochem Biophys Res Commun* 58:1-7, 7 May 74
- Serum enzyme activities in accidental hypothermia and hypothermic myxoedema. Maclean D, et al. *Clin Chim Acta* 52:197-201, Apr 74
- Plasma renin activity and aldosterone concentration of patients with hyperthyroidism and hypothyroidism. Ogiwara T, et al. *Endocrinol Jap* 20:433-7, Oct 73
- Effects of hypothyroidism on serum immunoreactive insulin, free fatty acids and blood sugar in the dog as tested for oral glucose tolerance. Corrective effects of thyroxine therapy. Renauld A, et al. *Horm Metab Res* 6:137-41, Mar 74
- A study of thyrotrophin deficiencies by the combination of two tests of TSH function. Berthezene F, et al. *J Clin Endocrinol Metab* 38:1068-74, Jun 74
- Parathyroid function in patients with hyper- or hypothyroidism. Bouillon R, et al. *J Clin Endocrinol Metab* 38:999-1004, Jun 74
- Plasma insulin and glucagon responses to arginine in patients with thyroid dysfunction. Seino Y, et al. *J Clin Endocrinol Metab* 38:1136-40, Jun 74
- Serum gonadotropins in hypothyroid girls with and without sexual precocity. Lee PA, et al. *Johns Hopkins Med J* 135:55-60, Jul 74
- Letter: Thyrotrophin (T.S.H.) after iodine-131 therapy. Gibberd M, et al. *Lancet* 1:1048, 25 May 74
- Letter: Replacement treatment of hypothyroidism. *N Engl J Med* 291:100-3, 11 Jun 74
- Red cell carbonic anhydrases B and C (CA B and CA C). Norgaard-Pedersen B. *Scand J Immunol* 2:Suppl 1:125-8, 1973
- [Method of radioimmunological determination of blood thyroxine] Bellabarba D, et al. *Union Med Can* 103:647-53, Apr 74 (Eng. Abstr.) (Fre)
- [Evaluation of the E.T.R. (Effective Thyroxine Ratio) as a thyroid function test. Comparison with total and free thyroxine] Dussault JH. *Union Med Can* 102:1846-7, Sep 73 (Eng. Abstr.) (Fre)
- [Thyroxine (T4) determination by radioimmunological method in dried blood eluate: new diagnostic method of neonatal hypothyroidism?] Dussault JH, et al. *Union Med Can* 102:2062-4, Oct 73 (Eng. Abstr.) (Fre)
- [Re-appraisal of replacement therapy with thyroid hormone: serum levels of tri-iodothyronine (author's transl)] Wenzel KW, et al. *Dtsch Med Wochenschr* 99:705-8, 5 Apr 74 (Eng. Abstr.) (Ger)

- [Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to radioiodine therapy] Grebe SF. *Radiologe* 14:161-5, Apr 74 (Ger)
- [Examination and clinical application of T3 radioimmunoassay-Kit] Dol A, et al. *Clin Endocrinol (Tokyo)* 22:413-6, Mar 74 (Jap)
- [Results of radioimmunoassay determination of thyrotropin hormone in hypothyroidism] Kosowicz J, et al. *Pol Tyg Lek* 29:597-9, 15 Apr 74 (Eng. Abstr.) (Pol)
- [Trilodothyronine radioimmunoassay in hypothyroidism and hyperthyroidism] Kosowicz J, et al. *Pol Tyg Lek* 29:557-9, 8 Apr 74 (Eng. Abstr.) (Pol)
- [Characteristics of posthemorrhagic erythropoiesis in experimental hypothyroidism] Lunina NV. *Patol Fiziol Eksp Ter* 14:79-81, Sep-Oct 74 (Eng. Abstr.) (Rus)
- [Determination of interferon formation by blood leukocytes in patients with endocrine diseases] Solov'ev VD, et al. *Probl Endokrinol (Mosk)* 20:21-4, Mar-Apr 74 (Eng. Abstr.) (Rus)

CHEMICALLY INDUCED

- Membrane phospholipids and hormone-sensitive lipolysis in fat cells. Maude MB, et al. *Arch Biochem Biophys* 161:628-31, 2 Apr 74
- Influence of thyroid state on cholesterol hydroxylation and absorption in the rat. Story JA, et al. *Biochem Med* 10:214-8, Jul 74
- Treatment with unsealed radioisotopes. Greig WR, et al. *Br Med Bull* 29:63-8, Jan 73 (50 ref.)
- Thyroid physiology during the postnatal period in the rat: a study of the development of thyroid function and of the morphogenetic effects of thyroxine with special reference to cerebellar maturation. Clos J, et al. *Gen Comp Endocrinol* 23:178-92, Jun 74
- [Hyperuricemia due to hypoxanthine-guanine-phosphoribosyltransferase deficiency] Blétry O, et al. *Nouv Presse Med* 3:995-9, 20 Apr 74 (Eng. Abstr.) (Fre)
- [The effect of hyper- and hypothyroidism on serotonin and noradrenaline concentration and monoamine oxidase activity in the nerve endings of the brains of rats] Kononenko Via, et al. *Ukr Biokhim Zh* 46:152-6, Mar-Apr 74 (Eng. Abstr.) (Ukr)

CLASSIFICATION

- Classification of hypothyroidism in evaluating patients after radioiodine therapy by serum cholesterol, T3-uptake, Total T4, FT4-index, total T3, basal TSH and TRH-test. Wenzel KW, et al. *Eur J Clin Invest* 4:141-8, Apr 74
- [Classification of thyroid gland diseases] Klein E, et al. *Internist (Berlin)* 15:181-3, Mar 74 (Ger)

COMPLICATIONS

- The pathogenesis of hypercholesterolemia. Bortz WM. *Ann Intern Med* 80:738-46, Jun 74 (144 ref.)
- Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al. *Arch Pathol* 98:1-8, Jul 74
- Letter: Down's syndrome, hypothyroidism, and diabetes mellitus. Parkin JM. *Br Med J* 2:384, 18 May 74
- Serum gonadotropins in hypothyroid girls with and without sexual precocity. Lee PA, et al. *Johns Hopkins Med J* 135:55-60, Jul 74
- Letter: Congenital deafness and hypothyroidism. Wiener JD. *Lancet* 1:938-9, 11 May 74
- Editorial: The thyroid, prolactin, and breast cancer. *Lancet* 1:908-9, 11 May 74
- Peripheral facial paralysis and systemic disease. Powers WH. *Otolaryngol Clin North Am* 7:397-405, Jun 74 (42 ref.)
- A preview of growth hormone stimulation tests in children. Frasier SD. *Pediatrics* 53:929-37, Jun 74
- Kinetics of thyroxine and triiodothyronine in a case of thyroxine-binding globulin deficiency with hypothyroidism. Sakurada T, et al. *Tohoku J Exp Med* 112:133-40, Feb 74
- Cystitis emphysematosa. Hawtrey CE, et al. *Urology* 3:612-4, May 74
- [Obesity as a disease: a wrong concept] Saltiel H. *Sem Hop Paris* 49:3377-81, 8 Dec 73 (Eng. Abstr.) (Fre)

THYROID

HYPOTHYROIDISM

- [Idiopathic Addison's disease] Demura H.
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)
[Myxedematous coma] Gri E, et al.
Rev Iber Endocrinol 21:159-69, Mar-Apr 74 (Eng.
Abstr.) (Spa)

CONGENITAL

- Congenital radioactive iodine-induced stridor and
hypothyroidism. Jafek BW, et al.
Arch Otolaryngol 99:369-71, May 74
The Beckwith-Wiedemann syndrome. The
exomphalos-macroglossia-gigantism syndrome. Wu
NF, et al. Clin Pediatr (Phila) 13:452-7, May 74
[Hypothyroid congenital goiter caused by peroxidase
deficiency. Study of 2 cases] Herrera Pombo JL, et al.
Rev Clin Esp 133:71-6, 15 Apr 74 (Spa)

DIAGNOSIS

- Triliodothyronine radioimmunoassay: a study of the
interactions of T3 with anti-T3 antisera and with
thyroxine binding globulin in the presence of ANS
(ammonium-8-anilino naphthalene-1-sulfonate).
Malkus H, et al. Clin Chim Acta 51:191-8, 15 Mar 74
The Beckwith-Wiedemann syndrome. The
exomphalos-macroglossia-gigantism syndrome. Wu
NF, et al. Clin Pediatr (Phila) 13:452-7, May 74
Classification of hypothyroidism in evaluating patients
after radioliodine therapy by serum cholesterol,
T3-uptake, Total T4, FT4-index, total T3, basal TSH
and TRH-test. Wenzel KW, et al.
Eur J Clin Invest 4:141-8, Apr 74
Red cell sodium as an index of thyroid function.
Kanagasabapathy AS, et al.
Indian J Med Res 61:1672-8, Nov 73
Serum gonadotropins in hypothyroid girls with and
without sexual precocity. Lee PA, et al.
Johns Hopkins Med J 135:55-60, Jul 74
Letter: Thyrotrophin (T.S.H.) after iodine-131 therapy.
Gibberd M, et al. Lancet 1:1048, 25 May 74
[Method of radioimmunological determination of blood
thyroxine] Bellabarba D, et al.
Union Med Can 103:647-53, Apr 74 (Eng. Abstr.) (Fre)
[Thyroxine (T4) determination by radioimmunologic
method in dried blood eluate: new diagnostic method
of neonatal hypothyroidism?] Dussault JH, et al.
Union Med Can 102:2062-4, Oct 73 (Eng. Abstr.) (Fre)
[Clinical results with a radioimmunologic
determination method for triliodothyronine] Hüfner
M, et al. Verh Dtsch Ges Inn Med 79:1226-7, 1973 (Ger)
[Assessment of thyroid function in women with
menstruation disorders] Baron J, et al.
Ginekol Pol 45:443-9, Apr 74 (Eng. Abstr.) (Pol)
[Radioisotope study of inorganic and organic phases of
intrathyroid stage of iodine metabolism] Kotliarov
EV, et al.
Med Radiol (Mosk) 18:12-5, Aug 73 (Eng. Abstr.)
(Rus)

DRUG THERAPY

- Effects of hypothyroidism on serum immunoreactive
insulin, free fatty acids and blood sugar in the dog as
tested for oral glucose tolerance. Corrective effects
of thyroxine therapy. Renaud A, et al.
Horm Metab Res 6:137-41, Mar 74
Effects of hypothyroidism and hyperthyroidism on
dipyrone metabolism in man. Brunk SF, et al.
J Clin Pharmacol 5:271-9, May-Jun 74
Serum gonadotropins in hypothyroid girls with and
without sexual precocity. Lee PA, et al.
Johns Hopkins Med J 135:55-60, Jul 74
Letter: Congenital deafness and hypothyroidism.
Wiener JD. Lancet 1:938-9, 11 May 74
Letter: Replacement treatment of hypothyroidism.
N Engl J Med 291:100-3, 11 Jun 74
Cystitis emphysematosa. Hawtrey CE, et al.
Urology 3:612-4, May 74
[Re-appraisal of replacement therapy with thyroid
hormone: serum levels of triiodothyronine (author's
transl)] Wenzel KW, et al.
Dtsch Med Wochenschr 99:705-8, 5 Apr 74 (Eng.
Abstr.) (Ger)
[Hypothyroidism] Irie H.
Clin Endocrinol (Tokyo) 22:32-3, Jan 74 (Jap)
[Myxedematous coma] Gri E, et al.
Rev Iber Endocrinol 21:159-69, Mar-Apr 74 (Eng.
Abstr.) (Spa)

ENZYMOLGY

- A biochemical profile of abnormalities in
hypothyroidism. Chertow BS, et al.
Am J Clin Pathol 61:785-8, Jun 74
Thyroid hormone control of glutathione reductase
activity in rat erythrocytes and liver. Menendez CE, et
al. Am J Physiol 226:1480-3, Jun 74
Serum creatine phosphokinase isozymes in
hypothyroidism, convulsion, myocardial infarction
and other diseases. Goto I.
Clin Chim Acta 52:27-30, Mar 74
Serum enzyme activities in accidental hypothermia and
hypothermic myxoedema. Maclean D, et al.
Clin Chim Acta 52:197-201, Apr 74
Plasma renin activity and aldosterone concentration of
patients with hyperthyroidism and hypothyroidism.
Ogihara T, et al. Endocrinol Jap 20:433-7, Oct 73
Plasma lecithin: cholesterol acyltransferase activity in
hypo- and hyperthyroidism. Adikofer F, et al.
Horm Metab Res 6:142-6, Mar 74
Red cell carbonic anhydrases B and C (CA B and CA C).
Norgaard-Pedersen B.
Scand J Immunol 2:Suppl 1:125-8, 1973
[Hypothyroid congenital goiter caused by peroxidase
deficiency. Study of 2 cases] Herrera Pombo JL, et al.
Rev Clin Esp 133:71-6, 15 Apr 74 (Spa)

ETIOLOGY

- Thyrotoxicosis and giant-cell arteritis. Thomas RD, et
al. Br Med J 2:408-9, 25 May 74
Comparative responsiveness of euthyroid and
hypothyroid rat pituitary tissue to thyrotropin
releasing hormone in vitro. May P, et al.
Experientia 30:433-4, 15 Apr 74
The changes in the thyroid gland after irradiation with
131I or partial thyroidectomy for thyrotoxicosis.
Kennedy JS, et al. J Pathol 112:65-81, Feb 74
Letter: Thyrotrophin (T.S.H.) after iodine-131 therapy.
Gibberd M, et al. Lancet 1:1048, 25 May 74
Preliminary report: Decreased leukocyte alkaline
phosphatase in hyperthyroidism. Gwinup G, et al.
Metabolism 23:659-61, Jul 74
Hypothalamic-hypothyroidism secondary to Sheehan's
syndrome. Singer PA, et al.
West J Med 120:416-8, May 74
[Surgical treatment of thyrotoxicosis. A follow-up
study of 61 operated patients] Vlk-Mo H, et al.
Tidsskr Nor Laegeforen 94:980-1, 30 May 74 (Nor)
[Possible sequelae of the action of radioactive iodine in
man] Il'in LA, et al.
Med Radiol (Mosk) 18:66-80, Aug 73 (Rus)

IMMUNOLOGY

- Thyrotoxicosis and giant-cell arteritis. Thomas RD, et
al. Br Med J 2:408-9, 25 May 74
Histological evidence of autoimmunity in idiopathic
hypothyroidism. Chhetri MK, et al.
J Assoc Physicians India 21:57-62, Jan 73
[Results of radioimmunoassay determination of
thyrotropin hormone in hypothyroidism] Kosowicz J,
et al.
Pol Tyg Lek 29:597-9, 15 Apr 74 (Eng. Abstr.) (Pol)
[Determination of interferon formation by blood
leukocytes in patients with endocrine diseases]
Solov'ev VD, et al.
Probl Endokrinol (Mosk) 20:21-4, Mar-Apr 74 (Eng.
Abstr.) (Rus)

METABOLISM

- Pituitary thyrotroph function in hypothyroid rats.
Ching M, et al.
Acta Endocrinol (Kbh) 75:221-32, Feb 74
Serum thyrotrophin and the response to thyrotrophin
releasing hormone in symptomless autoimmune
thyroiditis and in borderline and overt
hypothyroidism. Gordin A, et al.
Acta Endocrinol (Kbh) 75:274-85, Feb 74
Membrane phospholipids and hormone-sensitive
lipolysis in fat cells. Maude MB, et al.
Arch Biochem Biophys 161:628-31, 2 Apr 74
Influence of thyroid state on cholesterol hydroxylation
and absorption in the rat. Story JA, et al.
Biochem Med 10:214-8, Jul 74
Thyrotrophin responses to intravenous
thyrotrophin-releasing hormone in patients with

HYPOTHYROIDISM

- hypothalamic and pituitary disease. McLaren EH, et al. *Clin Endocrinol (Oxf)* 3:113-22, Apr 74
- Computer analysis of early thyroxine distribution in thyrotoxicosis and hypothyroidism. Busnardo B, et al. *Horm Metab Res* 6:202-7, May 74
- Prolactin and thyrotropin in thyroid diseases: lack of evidence for a physiological role of thyrotropin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al. *Horm Metab Res* 6:190-5, May 74
- Effect of thyroid status on glycerol metabolism in adipose tissue of fasted male rats. Montoya E, et al. *Horm Res* 5:129-40, 1974
- Cyclic adenosine 3',5'-monophosphate concentration in plasma, adipose tissue and skeletal muscle in normal subjects and in patients with hyper- and hypothyroidism. Karlberg BE, et al. *J Clin Endocrinol Metab* 39:96-101, Jul 74
- Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
- Effects of hypothyroidism and hyperthyroidism on dipyrone metabolism in man. Brunk SF, et al. *J Clin Pharmacol* 5:271-9, May-Jun 74
- Kinetics of thyroxine and triiodothyronine in a case of thyroxine-binding globulin deficiency with hypothyroidism. Sakurada T, et al. *Tohoku J Exp Med* 112:133-40, Feb 74
- [Influence of thyroid function on human drug metabolism] Gugler R, et al. *Verh Dtsch Ges Inn Med* 79:1230-3, 1973 (Ger)
- [Oral manifestations of hypoparathyroidism] Raczew Z. *Czas Stomatol* 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)
- [Study of the nucleic acids in rat liver mitochondria under different thyroid hormone levels in the body] Turakulov IaKh, et al. *Biokhimiia* 38:1243-7, Nov-Dec 73 (Eng. Abstr.) (Rus)
- [Radioisotope study of inorganic and organic phases of intrathyroid stage of iodine metabolism] Kotliarov EV, et al. *Med Radiol (Mosk)* 18:12-5, Aug 73 (Eng. Abstr.) (Rus)
- [The effect of hyper- and hypothyroidism on serotonin and noradrenaline concentration and monoamine oxidase activity in the nerve endings of the brains of rats] Kononenko VIA, et al. *Ukr Biokhim Zh* 46:152-6, Mar-Apr 74 (Eng. Abstr.) (Ukr)
- [Monoamine and adenine nucleotide content in the rat hypothalamus in hypo- and hyperthyroidism] Martynenko FP, et al. *Ukr Biokhim Zh* 45:624-7, Sep-Oct 73 (Eng. Abstr.) (Ukr)

OCCURRENCE

- [Assessment of thyroid function in women with menstruation disorders] Baron J, et al. *Ginekol Pol* 45:443-9, Apr 74 (Eng. Abstr.) (Pol)

PATHOLOGY

- Serum thyrotrophin and the response to thyrotrophin releasing hormone in symptomless autoimmune thyroiditis and in borderline and overt hypothyroidism. Gordin A, et al. *Acta Endocrinol (Kbh)* 75:274-85, Feb 74
- Histological evidence of autoimmunity in idiopathic hypothyroidism. Chhetri MK, et al. *J Assoc Physicians India* 21:57-62, Jan 73
- [Pediatrics in 1973] Mallet R, et al. *Rev Prat* 23:4103-30, 21 Oct 73 (Fre)

PHYSIOPATHOLOGY

- Defective regulatory control of developing rat cerebrum resulting from either excess or lack of thyroid hormone. Bass H, et al. *Acta Univ Carol [Med Monogr] (Praha)* 56:171-3, 1973
- Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (84 ref.)
- Action of thyroid hormone on the transmembrane potentials from sinoatrial node cells and atrial muscle cells in isolated atria of rabbits. Johnson PN, et al. *Cardiology* 58:273-89, 1973
- Comparative responsiveness of euthyroid and hypothyroid rat pituitary tissue to thyrotropin releasing hormone in vitro. May P, et al. *Experientia* 30:433-4, 15 Apr 74

THYROID

- Parathyroid function in patients with hyper- or hypothyroidism. Bouillon R, et al. *J Clin Endocrinol Metab* 38:999-1004, Jun 74
- Intraocular pressure in endocrinological patients with exophthalmos. Manor RS, et al. *Ophthalmologica* 168:241-52, 1974
- Recent advances in the pathophysiology of the parathyroid glands. Moor P de, et al. *Verh K Vlaam Acad Geneesk Belg* 36:106-34, 1974
- [Re-appraisal of replacement therapy with thyroid hormone: serum levels of tri-iodothyronine (author's transl)] Wenzel KW, et al. *Dtsch Med Wochenschr* 99:705-8, 5 Apr 74 (Eng. Abstr.) (Ger)
- [Results of radioimmunoassay determination of thyrotropin hormone in hypothyroidism] Kosowicz J, et al. *Pol Tyg Lek* 29:597-9, 15 Apr 74 (Eng. Abstr.) (Pol)
- [Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da. *Rev Paul Med* 79:203-16, Jun 72 (Por)
- [Role of the thyroid gland in humoral regulation of hematopoiesis] Lunina NV. *Fatol Fiziol Eksp Ter* 10:63-5, May 74 (Eng. Abstr.) (Rus)
- [Functional state of cerebral cortex in hypothyroidism in children according to electroencephalic data] Ostashevskaja MI. *Pediatrics* 3:71-5, Mar 74 (Rus)

RADIOTHERAPY

- Classification of hypothyroidism in evaluating patients after radiolodine therapy by serum cholesterol, T3-uptake, Total T4, FT4-index, total T3, basal TSH and TRH-test. Wenzel KW, et al. *Eur J Clin Invest* 4:141-8, Apr 74

MYXEDEMA

BLOOD

- Serum enzyme activities in accidental hypothermia and hypothermic myxedema. Maclean D, et al. *Clin Chim Acta* 52:197-201, Apr 74
- Sex-hormone-binding globulin. Anderson DC. *Clin Endocrinol (Oxf)* 3:69-96, Jan 74 (145 ref.)
- Insulin, glucagon and growth hormone in primary adult myxedema. Andreani D, et al. *Diabetologia* 10:7-12, Feb 74
- [Significance of long-acting thyroid stimulator. Reflections on the 1st series of results] Tourneur R, et al. *Minerva Med* 65:995-8, 14 Mar 74 (Ita)

COMPLICATIONS

- Addison's disease--clinical studies. A report fo 108 cases. Nerup J. *Acta Endocrinol (Kbh)* 76:127-41, May 74
- Ischaemic colitis due to myxedema. Kale VR, et al. *Br Med J* 2:42-3, 6 Jul 74
- Peripheral facial paralysis and systemic disease. Powers WH. *Otolaryngol Clin North Am* 7:397-405, Jun 74 (42 ref.)
- [Myxedematous coma and dilutional hyponatremia] Valiquette G, et al. *Union Med Can* 103:1082-90, Jun 74 (Eng. Abstr.) (Fre)
- [Coma in myxedema (author's transl)] Laubinger G. *Dtsch Med Wochenschr* 99:643-5, 29 Mar 74 (Eng. Abstr.) (Ger)
- [Pachondritis] Harders H. *Verh Dtsch Ges Rheumatol* 3:71-6, 1974 (Eng. Abstr.) (Ger)
- [The myxedema-diabetes association (comments on 2 cases and review of the Spanish literature)] Rodriguez Cuartero A, et al. *Rev Clin Esp* 132:445-50, 15 Mar 74 (Eng. Abstr.) (Spa)

DIAGNOSIS

- [Myxedematous coma and dilutional hyponatremia] Valiquette G, et al. *Union Med Can* 103:1082-90, Jun 74 (Eng. Abstr.) (Fre)

DRUG THERAPY

- [Myxedematous coma and dilutional hyponatremia] Valiquette G, et al. *Union Med Can* 103:1082-90, Jun 74 (Eng. Abstr.) (Fre)
- [Heart in myxedema: basic polygraphic study after 2-5 months of treatment with d-thyroxine] Plancher AS,

THYROID

THYROID DISEASES

et al.
Cardiol Prat 24:407-17, Oct-Dec 73 (Eng. Abstr.) (Ita)

ENZYMOLGY

Serum enzyme activities in accidental hypothermia and hypothermic myxoedema. Maclean D, et al.
Clin Chim Acta 52:197-201, Apr 74
[Coma in myxedema (author's transl)] Laubinger G.
Dtsch Med Wochenschr 99:843-5, 29 Mar 74 (Eng. Abstr.) (Ger)

ETIOLOGY

[Myxedematous coma] Gri E, et al.
Rev Iber Endocrinol 21:159-69, Mar-Apr 74 (Eng. Abstr.) (Spa)

IMMUNOLOGY

[Significance of long-acting thyroid stimulator. Reflections on the 1st series of results] Tourneur R, et al. Minerva Med 65:995-8, 14 Mar 74 (Ita)

METABOLISM

High protein ascites in patients with uncomplicated hepatic cirrhosis. Sampliner RE, et al.
Am J Med Sci 267:275-9, May 74
Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:89-96, Jan 74
Proceedings: Haematins and potassium metabolism.
Parker JL, et al. Scott Med J 19:150-1, May 74

PHYSIOPATHOLOGY

[Heart in myxedema: basic polygraphic study after 2-5 months of treatment with d-thyroxine] Plancher AS, et al.
Cardiol Prat 24:407-17, Oct-Dec 73 (Eng. Abstr.) (Ita)

THYROID CRISIS

BLOOD

[Plasmapheresis in the treatment of thyrotoxic crisis (author's transl)] Herrmann J, et al.
Dtsch Med Wochenschr 99:888-92, 26 Apr 74 (Eng. Abstr.) (Ger)

COMPLICATIONS

[Plasmapheresis in the treatment of thyrotoxic crisis (author's transl)] Herrmann J, et al.
Dtsch Med Wochenschr 99:888-92, 26 Apr 74 (Eng. Abstr.) (Ger)
[Therapy of thyroid crises] Kallee E.
Dtsch Med Wochenschr 99:1369-71, 21 Jun 74 (Ger)

DIAGNOSIS

[Therapy of thyroid crises] Kallee E.
Dtsch Med Wochenschr 99:1369-71, 21 Jun 74 (Ger)

DRUG THERAPY

Thyroid storm in an 11-year-old boy managed by propranolol. Galaburda M, et al.
Pediatrics 53:920-2, Jun 74
[Therapy of thyroid crises] Kallee E.
Dtsch Med Wochenschr 99:1369-71, 21 Jun 74 (Ger)

PHYSIOPATHOLOGY

[Plasmapheresis in the treatment of thyrotoxic crisis (author's transl)] Herrmann J, et al.
Dtsch Med Wochenschr 99:888-92, 26 Apr 74 (Eng. Abstr.) (Ger)

THERAPY

[Plasmapheresis in the treatment of thyrotoxic crisis (author's transl)] Herrmann J, et al.
Dtsch Med Wochenschr 99:888-92, 26 Apr 74 (Eng. Abstr.) (Ger)
[Peritoneal dialysis in thyroxine poisoning?] Bischof W, et al. Verh Dtsch Ges Inn Med 79:749-51, 1973 (Ger)

THYROID DISEASES

Thyroid mediquiz. Catz B.
Med Times 102:99 passim, May 74

BLOOD

TRH stimulated TSH response in euthyroid healthy subjects and patients with thyroid dysfunction. Rastogi GK, et al.
J Assoc Physicians India 21:627-31, Aug 73
Plasma thyroid stimulating hormone (TSH) levels in health and thyroid disorders. Rastogi GK, et al.
J Assoc Physicians India 21:183-8, Feb 73
Electrophoretic and quantitative studies on serum proteins in thyroid diseases. Miklaszewska M, et al.
Mater Med Pol 5:250-4, Oct-Dec 73
Proceedings: The radioimmunoassay of thyroxine in unextracted human serum. Ratcliffe WA, et al.
N Engl J Med 291:11, 11 Jun 74
[Editorial: New aspects of thyroid function exploration] Bellabarba D, et al.
Union Med Can 103:641-2, Apr 74 (Fre)
[Evaluation of the E.T.R. (Effective Thyroxine Ratio) as a thyroid function test. Comparison with total and free thyroxine] Dussault JH.
Union Med Can 102:1846-7, Sep 73 (Eng. Abstr.) (Fre)
[Direct radioimmunoassay of serum thyroxine (author's transl)] Beltrán M, et al.
Rev Invest Clin 26:125-31, Apr-Jun 74 (Eng. Abstr.) (Spa)

CLASSIFICATION

[Classification of thyroid gland diseases] Klein E, et al.
Internist (Berlin) 15:181-3, Mar 74 (Ger)

COMPLICATIONS

Radiology of Pendred's syndrome. Andersen PE.
Adv Otorhinolaryngol 21:9-18, 1974
Benign disease of the thyroid gland and vocal cord paralysis. Rueger RG. Laryngoscope 84:897-907, Jun 74
Male infertility. Current diagnosis and treatment. Amelar RD, et al. Urology 1:1-31, Jan 73
[Coexistence of thyroid diseases and diabetes] Buczowska-Szymańska A.
Pol Tyg Lek 29:831-3, 20 May 74 (Eng. Abstr.) (Pol)
[Clinical correlations between the thyroid and the liver] Rios Mozo M, et al.
Rev Esp Enferm Apar Dig 42:699-708, 15 Mar 74 (Spa)

DIAGNOSIS

Idiopathic giant cell polymyositis. Report of a case and review of the syndrome. Namba T, et al.
Arch Neurol 31:27-30, Jul 74
Parathyroid cyst. Kirwan WO.
Br J Surg 61:365-7, May 74
A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al.
Clin Endocrinol (Oxf) 3:63-8, Jan 74
Editorial: Assay of plasma thyrotropin--an important advance in study of pituitary thyroid axis. Rastogi GK.
J Assoc Physicians India 21:235-6, Feb 73
Benign disease of the thyroid gland and vocal cord paralysis. Rueger RG. Laryngoscope 84:897-907, Jun 74
Localized enlargement of the thyroid gland presenting as a pyriform sinus mass. Snyder GG 3d, et al.
Laryngoscope 84:963-9, Jun 74
[Electromyography of myogenic diseases] Dumoulin J, et al. Electrodiagn Ther 10:117-32, 1973 (Fre)
[Editorial: New aspects of thyroid function exploration] Bellabarba D, et al.
Union Med Can 103:641-2, Apr 74 (Fre)
[Completion of scintigraphy of euthyroid nodular goiter by cytology following fine-needle biopsy] Wuttke H, et al.
Strahlentherapie 146:657-63, Dec 73 (Eng. Abstr.) (Ger)
[EDV--supported documentation and control system in thyroid gland ambulatory care] Bergmann H, et al.
Wien Z Inn Med 54:277-82, 1973 (Eng. Abstr.) (Ger)
[Thyrolymphadenography and thyroid scintigraphy. Diagnostic comparisons] Campana FP, et al.
Minerva Chir 29:335-48, 31 Mar 74 (Eng. Abstr.) (Ita)
[Determinations of PBI and T3] Verreschl IN, et al.

THYROID DISEASES

Rev Paul Med 82:129-32, Sep-Oct 73 (Eng. Abstr.)

(Por)

[Raster photoscanning in clinical practice] Sharov BK, et al.

Med Radiol (Mosk) 18:33-6, Oct 73 (Eng. Abstr.) (Rus)

[The feasibility of ultrasonic diagnostic apparatus UZD-5 in the differential diagnosis of cancer of the thyroid gland] Mukhtarov AA.

Med Tekh 2:45-8, Mar-Apr 74 (Rus)

[Clinical correlations between the thyroid and the liver] Rios Mozo M, et al.

Rev Esp Enferm Apar Dig 42:699-708, 15 Mar 74 (Spa)

DRUG THERAPY

Plasma thyroid stimulating hormone (TSH) levels in health and thyroid disorders. Rastogi GK, et al.

J Assoc Physicians India 21:183-8, Feb 73

[Articular symptomatology in antithyroid treatment] Soumar J, et al.

Fysiatr Reumatol Vestn 52:97-100, Apr 74 (Eng. Abstr.)

(Cze)

[Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to radiolodine therapy] Grebe SF.

Radiologe 14:161-5, Apr 74 (Ger)

ETIOLOGY

Editorial: Autoimmune disorders of the thyroid gland.

Rastogi GK. J Assoc Physicians India 21:79-81, Jan 73

Editorial: Auto-immunity in thyroid disease. Chhetri MK, et al. J Indian Med Assoc 61:439-40, 16 Nov 73

[Multiple endocrine abnormalities and autoimmunity--a case associated with hypergammaglobulinemia] Aoki N, et al.

Jap J Clin Med 31:3506-20, Dec 73 (Jap)

IMMUNOLOGY

Incidence of thyroglobulin auto-antibodies in diverse thyroidal disorders: application of tanned red cell agglutination test. Talukdar CK, et al.

J Assoc Physicians India 21:465-72, Jun 73

Editorial: Auto-immunity in thyroid disease. Chhetri MK, et al. J Indian Med Assoc 61:439-40, 16 Nov 73

A study of possible correlation between thyroid functions and circulating thyroglobulin antibodies.

Talukdar CK, et al.

J Indian Med Assoc 61:419-23, 16 Nov 73

Electrophoretic and quantitative studies on serum proteins in thyroid diseases. Miklaszewska M, et al.

Mater Med Pol 5:250-4, Oct-Dec 73

[Behavior of serum immunoglobulins during some thyroid diseases] Indiveri F, et al.

Arch E Maragliano Patol Clin 29:37-42, Jan 73 (Eng. Abstr.)

(Ita)

[Trilodothyronine radioimmunoassay in hypothyroidism and hyperthyroidism] Kosowicz J, et al.

Pol Tyg Lek 29:557-9, 8 Apr 74 (Eng. Abstr.) (Pol)

METABOLISM

The nuclear lipids of bovine hypertrophic thyroid.

Hilderson HJ, et al.

Biochim Biophys Acta 337:385-9, 28 Mar 74

Thyroid function in euthyroid subjects with autonomous thyroid nodules. Evered DC, et al.

Clin Endocrinol (Oxf) 3:149-54, Apr 74

Prolactin and thyrotropin in thyroid diseases: lack of evidence for a physiological role of

thyrotropin-releasing hormone in the regulation of

prolactin secretion. L'Hermite M, et al.

Horm Metab Res 6:190-5, May 74

PATHOLOGY

Idiopathic giant cell polymyositis. Report of a case and review of the syndrome. Namba T, et al.

Arch Neurol 31:27-30, Jul 74

High-speed pneumatic drill for biopsy of thyroid lesions. Sachdeva HS, et al.

Arch Surg 108:744-5, May 74

The nuclear lipids of bovine hypertrophic thyroid.

Hilderson HJ, et al.

Biochim Biophys Acta 337:385-9, 28 Mar 74

Localized enlargement of the thyroid gland presenting as a pyriform sinus mass. Snyder GG 3d, et al.

Laryngoscope 84:963-9, Jun 74

Aspiration biopsy cytology. I. Cytology of

THYROID

supradiaphragmatic organs. 3 Thyroid. Lowhagen T.

Monogr Clin Cytol 4:87-89, 1974 (8 ref.)

1. Introduction to aspiration biopsy. Zajicek J.

Monogr Clin Cytol 4:1-211, 1974 (177 ref.)

PHYSIOPATHOLOGY

Prolactin and thyrotropin in thyroid diseases: lack of

evidence for a physiological role of

thyrotropin-releasing hormone in the regulation of

prolactin secretion. L'Hermite M, et al.

Horm Metab Res 6:190-5, May 74

A study of possible correlation between thyroid

functions and circulating thyroglobulin antibodies.

Talukdar CK, et al.

J Indian Med Assoc 61:419-23, 16 Nov 73

RADIOGRAPHY

Localized enlargement of the thyroid gland presenting

as a pyriform sinus mass. Snyder GG 3d, et al.

Laryngoscope 84:963-9, Jun 74

RADIOTHERAPY

Treatment with unsealed radioisotopes. Greig WR, et

al. Br Med Bull 29:63-8, Jan 73 (50 ref.)

SURGERY

Benign disease of the thyroid gland and vocal cord

paralysis. Rueger RG. Laryngoscope 84:897-907, Jun 74

Halothane anesthesia followed by anicteric hepatitis

with complete recovery. Davis JS.

NY State J Med 74:1042-4, Jun 74

THERAPY

Scottish automated follow-up register for thyroid

disease: four years' experience in Glasgow. Boyle CM.

Br Med J 2:490-2, 1 Jun 74

URINE

[Urinary thyroxine assay (author's transl)] De

Pastrana SL, et al.

Rev Invest Clin 26:133-9, Apr-Jun 74 (Eng. Abstr.)

(Spa)

THYROID GLAND

ABNORMALITIES

The lingual thyroid. Abbreviated case report. Small

EW. Oral Surg 37:692-4, May 74

[Bilateral parasternal diaphragmatic hernia with

thyroid gland aplasia in an infant] Grundner HG, et al.

Fortschr Geb Roentgenstr Nuklearmed 120:362-4, Mar

74 (Ger)

[Significance of long-acting thyroid stimulator.

Reflections on the 1st series of results] Tournear R,

et al. Minerva Med 65:995-8, 14 Mar 74 (Ita)

[Radioisotope scanning in lingual ectopia of the thyroid

gland] Chernysheva NN.

Med Radiol (Mosk) 18:55-8, Oct 73 (Eng. Abstr.) (Rus)

THYROID NEOPLASMS

Medullary carcinoma of the thyroid. An endocrine

disease. Reynolds WA.

Rocky Mt Med J 71:277-30, May 74

[Apropos of a series of 134 cases of intraspinal

metastases with neurologic complications in adults]

Constans JP, et al.

Sem Hop Paris 49:3611-22, 26 Dec 73 (Eng. Abstr.)

(Fre)

BLOOD

Human calcitonin. Immunologic assay, cytologic

localization and studies on medullary thyroid

carcinoma. Tashjian AH Jr, et al.

Am J Med 58:840-9, Jun 74

Falsely positive bovine TSH radioimmunoassay

responses in sera from patients with thyroid cancer.

Greenspan FS, et al.

J Clin Endocrinol Metab 38:1121-2, Jun 74

[Diagnostic value of calcitonin and plasma

catecholamines in Sipple's syndrome] Garrido-Russo

M, et al.

Union Med Can 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)

CHEMICALLY INDUCED

[Lack of long-term effects of the administration of heptachlor to suckling rats (author's transl)] Cabral JR, et al.
Tumori 58:49-53, Jan-Feb 72 (Eng. Abstr.) (Ita)

CLASSIFICATION

[Classification of thyroid gland diseases] Klein E, et al. Internist (Berlin) 15:181-3, Mar 74 (Ger)
[Goiter in Mexico] Fuentes Aguilar R. Salud Publica Mex 15:513-82, Jul-Aug 73 (Spa)

COMPLICATIONS

Letter: Testing in pheochromocytoma and another endocrine tumor. Weiss SR.
Ann Intern Med 81:116-7, Jul 74
Malignant and benign neoplasms of the thyroid in patients treated for hyperthyroidism: a report of the cooperative thyrotoxicosis therapy follow-up study. Dobyns BM, et al.
J Clin Endocrinol Metab 38:976-98, Jun 74
Medullary carcinoma of the thyroid. An endocrine disease. Reynolds WA.
Rocky Mt Med J 71:277-30, May 74
Chronic diarrhea in infants and children. II. Poley JR. South Med J 66:1133-41, Oct 73 (312 ref.)
[Benign metastasizing goiter] Fodor J, et al. Orv Hetil 115:203-4, 27 Jan 74 (Hun)
[Primary multiple cancer of the stomach and its association with the carcinoma of other organs] Nadzharov AG, et al. Klin Khir 10:62-4, Oct 73 (Rus)

DIAGNOSIS

Cytologic presentation of thyroid tumors in aspiration biopsy smear. A review of 60 cases. Löwhagen T, et al. Acta Cytol (Baltimore) 18:192-7, May-Jun 74
Ultrastructure of an anaplastic carcinoma of the thyroid. Graham H, et al.
Am J Clin Pathol 61:690-6, May 74
Ten thousand consecutive frozen sections. A retrospective study focusing on accuracy and quality control. Holaday WJ, et al.
Am J Clin Pathol 61:769-77, Jun 74
Human calcitonin. Immunologic assay, cytologic localization and studies on medullary thyroid carcinoma. Tashjian AH Jr, et al.
Am J Med 56:840-9, Jun 74
Letter: Testing in pheochromocytoma and another endocrine tumor. Weiss SR.
Ann Intern Med 81:116-7, Jul 74
The solitary thyroid nodule. Sachdeva HS, et al. Br J Surg 61:368-70, May 74
Editorial: Familial medullary carcinoma of the thyroid. Br Med J 2:461, 1 Jun 74
"Evaluation of high speed pneumatic drill biopsy in diagnosis of tumours". Sachdeva HS, et al. Indian J Cancer 10:447-52, Dec 73
A short calcium infusion in the diagnosis of medullary thyroid carcinoma. Parthemore JG, et al.
J Clin Endocrinol Metab 39:108-11, Jul 74
67Ga-citrate and the nonfunctioning thyroid nodule. Kaplan WD, et al. J Nucl Med 15:424-7, Jun 74
Localized enlargement of the thyroid gland presenting as a pyriform sinus mass. Snyder GG 3d, et al. Laryngoscope 84:963-9, Jun 74
Medullary carcinoma of the thyroid. An endocrine disease. Reynolds WA.
Rocky Mt Med J 71:277-30, May 74
[Medullary carcinoma of the thyroid gland. Morphology, frequency, and clinical aspects] Jaques C. Schweiz Med Wochenschr 104:602-5 contd, 27 Apr 74 (Eng. Abstr.) (Fre)
[Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al.
Union Med Can 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)
[Completion of scintigraphy of euthyroid nodular goiter by cytology following fine-needle biopsy] Wuttke H, et al.
Strahlentherapie 146:657-63, Dec 73 (Eng. Abstr.) (Ger)

[Thyrolymphadenography and thyroid scintigraphy. Diagnostic comparisons] Campana FP, et al. Minerva Chir 29:335-48, 31 Mar 74 (Eng. Abstr.) (Ita)
[Plasma-cell chronic thyroiditis. (Case report and review of literature)] Ninfo V. Pathologica 65:399-404, Nov-Dec 73 (Eng. Abstr.) (Ita)
[Cyst of the pharyngo-thymic duct] Bertelli AP de, et al. Rev Paul Med 81:27-32, Jan 73 (Eng. Abstr.) (Por)
[The feasibility of ultrasonic diagnostic apparatus UZD-5 in the differential diagnosis of cancer of the thyroid gland] Mukhtarov AA. Med Tekh 2:45-8, Mar-Apr 74 (Rus)

DRUG THERAPY

Hormone-dependent medullary carcinoma of the thyroid. Didolkar MS, et al. Am J Surg 128:100-2, Jul 74
A preliminary trial of doxorubicin in advanced breast cancer and other malignant disease. Cole MP, et al. Br J Cancer 29:114-6, Feb 74

EMBRYOLOGY

[Cyst of the pharyngo-thymic duct] Bertelli AP de, et al. Rev Paul Med 81:27-32, Jan 73 (Eng. Abstr.) (Por)

ENZYMOMOLOGY

Cytochemical study of non-specific esterase, acid and alkaline phosphatase in the human thyroid neoplasms. Smejkalová E, et al. Acta Histochem (Jena) 46:74-8, 1973
[Medullary carcinoma of the thyroid. Description of a case and critical review of Sipple's syndrome and of neuroectodermal tumoral associations] Andreoli M, et al. Folia Endocrinol (Roma) 27:127-57, Apr 74 (Eng. Abstr.) (Ita)

ETIOLOGY

The derivation of so-called "giant-cell" and "spindle-cell" undifferentiated thyroidal neoplasms. Fisher ER, et al. Am J Clin Pathol 61:680-9, May 74
1,25-dihydroxyvitamin D3: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. Am J Med 57:21-7, Jul 74 (43 ref.)
The changes in the thyroid gland after irradiation with 131I or partial thyroidectomy for thyrotoxicosis. Kennedy JS, et al. J Pathol 112:65-81, Feb 74
The origin and development of human tumors studied with cell markers. Flalkow PJ. N Engl J Med 291:26-35, 4 Jul 74 (14 ref.)
[Malignancies following therapeutic and diagnostic irradiations. A review à propos of 6 cases of CML (author's transl)] Haefliger JM, et al. Praxis 63:754-60, 18 Jun 74 (Eng. Abstr.) (Fre)
[Post-mortem investigation of occult thyroid carcinoma in endemic goitre regions (author's transl)] Balázs G, et al. Wien Klin Wochenschr 86:339-44, 14 Jun 74 (Eng. Abstr.) (Ger)
[Possible sequelae of the action of radioactive iodine in man] Il'in LA, et al. Med Radiol (Mosk) 18:66-80, Aug 73 (Rus)

FAMILIAL & GENETIC

Editorial: Familial medullary carcinoma of the thyroid. Br Med J 2:461, 1 Jun 74
Familial hyperparathyroidism. Grevsten S, et al. Ups J Med Sci 79:109-15, 1974
[Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al.
Union Med Can 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)
[Medullary carcinoma of the thyroid. Description of a case and critical review of Sipple's syndrome and of neuroectodermal tumoral associations] Andreoli M, et al. Folia Endocrinol (Roma) 27:127-57, Apr 74 (Eng. Abstr.) (Ita)

METABOLISM

Measurement of DNA synthesis by 3H-thymidine incorporation into needle aspirates from human tumors. Nordenskjöld B, et al. Acta Cytol (Baltimore) 18:215-21, May-Jun 74

THYROID NEOPLASMS

- Human calcitonin. Immunologic assay, cytologic localization and studies on medullary thyroid carcinoma. Tashjian AH Jr, et al.
Am J Med 56:840-9, Jun 74
- Abnormal intradermal histamine reaction and elevated serum calcitonin in the syndrome of: medullary carcinoma of the thyroid gland, pheochromocytoma, and multiple mucosal neuromas. A survey and a case in a child with symptoms from early childhood. Flensburg EW, et al. *Dan Med Bull* 21:20-6, Mar 74
- Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al. *Int J Cancer* 12:100-14, 15 Jul 73
- Tumour-associated hormonal products. Landon J, et al. *J Clin Pathol [Suppl]* 7:127-34, 1974 (58 ref.)
- Prostaglandins and cancer: an update. Jaffe BM. *Prostaglandins* 6:453-61, 25 Jun 74 (34 ref.)

MORTALITY

- External radiation in the treatment of thyroid cancers. Vohra VG, et al. *Indian J Cancer* 10:407-14, Dec 73
- [Medullary carcinoma of the thyroid gland. Morphology, frequency, and clinical aspects] Jaques C.
Schweiz Med Wochenschr 104:602-5 contd, 27 Apr 74 (Eng. Abstr.) (Fre)

OCCURRENCE

- Letter: The solitary thyroid nodule. Samuel AY, et al. *Br Med J* 2:227-8, 27 Apr 74
- Chemodectomas in dogs: epidemiologic comparisons with man. Hayes HM Jr, et al.
J Natl Cancer Inst 52:1455-8, May 74
- [Medullary carcinoma of the thyroid gland. Morphology, frequency, and clinical aspects] Jaques C.
Schweiz Med Wochenschr 104:602-5 contd, 27 Apr 74 (Eng. Abstr.) (Fre)
- [Gotter in Mexico] Fuentes Aguilar R.
Salud Publica Mex 15:513-82, Jul-Aug 73 (Spa)

PATHOLOGY

- Cytologic presentation of thyroid tumors in aspiration biopsy smear. A review of 60 cases. Löwhagen T, et al. *Acta Cytol (Baltimore)* 18:192-7, May-Jun 74
- Cytochemical study of non-specific esterase, acid and alkaline phosphatase in the human thyroid neoplasms. Smejkalová E, et al.
Acta Histochem (Jena) 46:74-8, 1973
- The derivation of so-called "giant-cell" and "spindle-cell" undifferentiated thyroidal neoplasms. Fisher ER, et al. *Am J Clin Pathol* 61:680-9, May 74
- Ultrastructure of an anaplastic carcinoma of the thyroid. Graham H, et al.
Am J Clin Pathol 61:690-6, May 74
- Hormone-dependent medullary carcinoma of the thyroid. Didolkar MS, et al. *Am J Surg* 128:100-2, Jul 74
- Nuclear bodies in papillary carcinomas of the human thyroid gland. Sobrinho-Simões MA, et al.
Arch Pathol 98:94-9, Aug 74
- High-speed pneumatic drill for biopsy of thyroid lesions. Sachdeva HS, et al.
Arch Surg 108:744-5, May 74
- Thyroid carcinoma of a guinea-pig: a case report. Zarrin K. *Lab Anim* 8:145-8, May 74
- Aspiration biopsy cytology. I. Cytology of supradiaphragmatic organs. 3 Thyroid. Löwhagen T. *Monogr Clin Cytol* 4:87-89, 1974 (8 ref.)
1. Introduction to aspiration biopsy. Zajicek J. *Monogr Clin Cytol* 4:1-211, 1974 (177 ref.)
- Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al.
Pathol Annu 8:205-30, 1973 (62 ref.)
- [Medullary carcinoma of the thyroid gland. Morphology, frequency, and clinical aspects] Jaques C.
Schweiz Med Wochenschr 104:602-5 contd, 27 Apr 74 (Eng. Abstr.) (Fre)
- [Classification of thyroid gland diseases] Klein E, et al. *Internist (Berlin)* 15:181-3, Mar 74 (Ger)
- [Post-mortem investigation of occult thyroid carcinoma in endemic goitre regions (author's transl)] Balázs G, et al.
Wien Klin Wochenschr 88:339-44, 14 Jun 74 (Eng. Abstr.) (Ger)
- [Cystic lymphangioma of the thyroid gland] Klein E, et al. *Harefuah* 86:196-7, 15 Feb 74 (Eng. Abstr.) (Heb)

THYROID

- [Medullary carcinoma of the thyroid. Description of a case and critical review of Sipple's syndrome and of neuroectodermal tumoral associations] Andreoli M, et al.
Folia Endocrinol (Roma) 27:127-57, Apr 74 (Eng. Abstr.) (Ita)
- [Blood- and lymphatic vessels of the heart in malignant neoplasm metastases] Kalachev GA.
Kardiologiya 15:119-23, 1974 (Eng. Abstr.) (Rus)
- [Comparative morphometric study of the ultrastructural restructurings of thyroid gland cells at different periods of embryonic development normally and in malignant degeneration] Dmitrieva NP, et al.
Tsitologiya 18:551-4, May 74 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

- The solitary thyroid nodule. Sachdeva HS, et al. *Br J Surg* 61:368-70, May 74
- Editorial: Familial medullary carcinoma of the thyroid. *Br Med J* 2:461, 1 Jun 74

RADIOGRAPHY

- Localized enlargement of the thyroid gland presenting as a pyriform sinus mass. Snyder GG 3d, et al. *Laryngoscope* 84:963-9, Jun 74
- [Thyroid lymphadenography and thyroid scintigraphy. Diagnostic comparisons] Campana FP, et al.
Minerva Chir 29:335-48, 31 Mar 74 (Eng. Abstr.) (Ita)
- [Procedures and methods of angiographic study in tumors of the neck] Tsyb AF, et al.
Vestn Khir 111:21-6, Oct 73 (Eng. Abstr.) (Rus)

RADIOTHERAPY

- Congenital radioactive iodine-induced stridor and hypothyroidism. Jafek BW, et al.
Arch Otolaryngol 99:369-71, May 74
- Proceedings: The regression of tumours. Thomlinson RH. *Br J Radiol* 47:365-6, Jun 74
- Treatment with unsealed radioisotopes. Greig WR, et al. *Br Med Bull* 29:63-8, Jan 73 (50 ref.)
- External radiation in the treatment of thyroid cancers. Vohra VG, et al. *Indian J Cancer* 10:407-14, Dec 73
- The changes in the thyroid gland after irradiation with ¹³¹I or partial thyroidectomy for thyrotoxicosis. Kennedy JS, et al. *J Pathol* 112:65-81, Feb 74
- Thyroid carcinoma: Is postoperative external irradiation indicated? Kagan AR, et al.
Oncology 29:40-5, 1974
- [Possible sequelae of the action of radioactive iodine in man] Il'in LA, et al.
Med Radiol (Mosk) 18:66-80, Aug 73 (Rus)

SURGERY

- Hormone-dependent medullary carcinoma of the thyroid. Didolkar MS, et al. *Am J Surg* 128:100-2, Jul 74
- Hepatocellular dysfunction without jaundice after enflurane anesthesia. Denlinger JK, et al.
Anesthesiology 41:86-7, Jul 74
- The solitary thyroid nodule. Sachdeva HS, et al. *Br J Surg* 61:368-70, May 74
- External radiation in the treatment of thyroid cancers. Vohra VG, et al. *Indian J Cancer* 10:407-14, Dec 73
- Thyroid carcinoma: Is postoperative external irradiation indicated? Kagan AR, et al.
Oncology 29:40-5, 1974
- [Medullary carcinoma of the thyroid gland. Morphology, frequency, and clinical aspects] Jaques C.
Schweiz Med Wochenschr 104:602-5 contd, 27 Apr 74 (Eng. Abstr.) (Fre)
- [Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al.
Union Med Can 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)
- [Cystic lymphangioma of the thyroid gland] Klein E, et al. *Harefuah* 86:196-7, 15 Feb 74 (Eng. Abstr.) (Heb)
- [114 cases of goiter operated on at the Al-Attaf hospital in Algiers] Gerlach Z, et al.
Wiad Lek 27:923-5, 15 May 74 (Pol)

THERAPY

- [Thyroid tumor] Furihata R.
Clin Endocrinol (Tokyo) 22:20-5, Jan 74 (Jap)

THYROID

THYROIDITIS,

VETERINARY

- Chemodectomas in dogs: epidemiologic comparisons with man. Hayes HM Jr, et al.
J Natl Cancer Inst 52:1455-8, May 74
 Thyroid carcinoma of a guinea-pig: a case report. Zarrin K. Lab Anim 8:145-8, May 74

THYROIDITIS

- [Plasma-cell chronic thyroiditis. (Case report and review of literature)] Ninfo V.
Pathologica 65:399-404, Nov-Dec 73 (Eng. Abstr.) (Ita)
 [Thyroiditis] Takasu N, et al.
Clin Endocrinol (Tokyo) 22:12-6, Jan 74 (Jap)

BLOOD

- Serum thyrotrophin and the response to thyrotrophin releasing hormone in symptomless autoimmune thyroiditis and in borderline and overt hypothyroidism. Gordin A, et al.
Acta Endocrinol (Kbh) 75:274-85, Feb 74
 Thyroid physiology in health and disease.
Ann Intern Med 81:68-81, Jul 74 (94 ref.)

CHEMICALLY INDUCED

- [Nephrotic syndrome and inflammation of the thyroid gland after D-penicillamine] Haas P, et al.
Wien Med Wochenschr 124:333-4, 1 Jun 74 (Ger)

CLASSIFICATION

- [Classification of thyroid gland diseases] Klein E, et al.
Internist (Berlin) 15:181-3, Mar 74 (Ger)

COMPLICATIONS

- [Panchondritis] Harders H.
Verh Dtsch Ges Rheumatol 3:71-6, 1974 (Eng. Abstr.) (Ger)

DIAGNOSIS

- [Plasma-cell chronic thyroiditis. (Case report and review of literature)] Ninfo V.
Pathologica 65:399-404, Nov-Dec 73 (Eng. Abstr.) (Ita)
 [Subacute non-purulent thyroiditis] Janeczko J, et al.
Poi Tyg Lek 30:937-9, 3 Jun 74 (Eng. Abstr.) (Pol)
 [The feasibility of ultrasonic diagnostic apparatus UZD-5 in the differential diagnosis of cancer of the thyroid gland] Mukhtarov AA.
Med Tekh 2:45-8, Mar-Apr 74 (Rus)

DRUG THERAPY

- Medical grand rounds from the West Virginia University Medical Center. 2. Subacute thyroiditis.
W Va Med J 70:138-9, Jun 74
 [Letter: Unusual inflammation after subtotal thyroidectomy for toxic multinodular goiter. Thyroiditis?] Bricaire H, et al.
Nouv Presse Med 3:751-2, 23 Mar 74 (Fre)
 [Nephrotic syndrome and inflammation of the thyroid gland after D-penicillamine] Haas P, et al.
Wien Med Wochenschr 124:333-4, 1 Jun 74 (Ger)
 [Subacute non-purulent thyroiditis] Janeczko J, et al.
Poi Tyg Lek 30:937-9, 3 Jun 74 (Eng. Abstr.) (Pol)

ETIOLOGY

- [Two cases of myasthenic syndrome with thymoma, polymyositis, myocarditis, and thyroiditis] Reznik M.
J Neurol Sci 22:341-51, Jul 74 (Fre)
 [Letter: Unusual inflammation after subtotal thyroidectomy for toxic multinodular goiter. Thyroiditis?] Bricaire H, et al.
Nouv Presse Med 3:751-2, 23 Mar 74 (Fre)

IMMUNOLOGY

- Editorial: Autoimmune disorders of the thyroid gland.
 Rastogi GK. *J Assoc Physicians India* 21:79-81, Jan 73
 Inhibition of genetically determined autoimmune disease by organ-specific antigen. Silverman DA, et al.
Lancet 1:1257-8, 22 Jun 74
 Experimental autoimmune thyroiditis. Weigle WO.
Pathol Annu 8:329-47, 1973 (70 ref.)

- [Principles of autoimmunity] Wick G.
Wien Med Wochenschr 124:285-9, 11 May 74 (Ger)

METABOLISM

- Serum thyrotrophin and the response to thyrotrophin releasing hormone in symptomless autoimmune thyroiditis and in borderline and overt hypothyroidism. Gordin A, et al.
Acta Endocrinol (Kbh) 75:274-85, Feb 74
 Prolactin and thyrotrophin in thyroid diseases: lack of evidence for a physiological role of thyrotrophin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al.
Horm Metab Res 6:190-5, May 74

PATHOLOGY

- Serum thyrotrophin and the response to thyrotrophin releasing hormone in symptomless autoimmune thyroiditis and in borderline and overt hypothyroidism. Gordin A, et al.
Acta Endocrinol (Kbh) 75:274-85, Feb 74
 Aspiration biopsy cytology. I. Cytology of supradiaphragmatic organs. 3 Thyroid. Lowhagen T.
Monogr Clin Cytol 4:67-89, 1974 (8 ref.)
 [Two cases of myasthenic syndrome with thymoma, polymyositis, myocarditis, and thyroiditis] Reznik M.
J Neurol Sci 22:341-51, Jul 74 (Fre)
 [A case of de Quervain's thyroiditis] Jobba G.
Morphol Igazsagugyi Orv Sz 14:63-6, Jan 74 (Eng. Abstr.) (Hun)
 [Plasma-cell chronic thyroiditis. (Case report and review of literature)] Ninfo V.
Pathologica 65:399-404, Nov-Dec 73 (Eng. Abstr.) (Ita)

VETERINARY

- Experimental autoimmune thyroiditis. Weigle WO.
Pathol Annu 8:329-47, 1973 (70 ref.)

THYROIDITIS, LYMPHOMATOUS

- [Thyroiditis] Takasu N, et al.
Clin Endocrinol (Tokyo) 22:12-6, Jan 74 (Jap)

COMPLICATIONS

- Simultaneous occurrence of areata alopecia and immunothyroiditis. Klein U, et al.
Int J Dermatol 13:116-8, May-Jun 74
 [Idiopathic Addison's disease] Demura H.
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)

DIAGNOSIS

- [Plasma-cell chronic thyroiditis. (Case report and review of literature)] Ninfo V.
Pathologica 65:399-404, Nov-Dec 73 (Eng. Abstr.) (Ita)
 [Scintillographic diagnosis] Medeiros Neto GA de, et al.
Rev Assoc Med Bras 20:51-2, Jan 74 (Por)

ETIOLOGY

- [Hashimoto's disease] Sakurami T, et al.
Jap J Clin Med 31:3461-7, Dec 73 (Jap)

FAMILIAL & GENETIC

- The pathogenesis of Graves' disease and Hashimoto's thyroiditis. Volpé R, et al.
Clin Endocrinol (Oxf) 3:239-61, Jul 74 (134 ref.)

IMMUNOLOGY

- The pathogenesis of Graves' disease and Hashimoto's thyroiditis. Volpé R, et al.
Clin Endocrinol (Oxf) 3:239-61, Jul 74 (134 ref.)
 Simultaneous occurrence of areata alopecia and immunothyroiditis. Klein U, et al.
Int J Dermatol 13:116-8, May-Jun 74
 Editorial: Autoimmune disorders of the thyroid gland.
 Rastogi GK. *J Assoc Physicians India* 21:79-81, Jan 73
 Proportional increase of bursa-derived cells in chickens of the Obese strain. Albini B, et al.
Nature 249:653-4, 14 Jun 74
 [Hashimoto's disease] Sakurami T, et al.
Jap J Clin Med 31:3461-7, Dec 73 (Jap)

PATHOLOGY

Aspiration biopsy cytology. I. Cytology of
supradiaphragmatic organs. 3 Thyroid. Lowhagen T.
Monogr Clin Cytol 4:67-89, 1974 (8 ref.)

PHYSIOPATHOLOGY

[Exploration of thymic function in man. II. The "sheep
red cell rosette" phenomenon, a T-cell marker in man]
Bach JF, et al.
Nouv Presse Med 3:655-60, 16 Mar 74 (Fre)

THYROID

III. Thyroid Hormones, Precursors, Metabolites and Synthetic Analogs

DIIODOTYROSINE

Preferential synthesis of thyroxine from early iodinated tyrosyl residues in thyroglobulin. Lamas L, et al. *J Biol Chem* 249:2732-7, 10 May 74

ANALYSIS

Derivatization of amino acids with 1,3-dichlorotetrafluoroacetone and its use in gas chromatography. Hušek P. *J Chromatogr* 91:475-81, 24 Apr 74
Gas chromatographic behaviour of amino acid oxazolidinones. Response to flame ionization and electron capture detectors. Hušek P. *J Chromatogr* 91:483-92, 24 Apr 74

BLOOD

The snake thyroid gland. II. Radioiodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74

METABOLISM

The relationship between thyroglobulin synthesis and intrathyroid iodine metabolism as indicated by the effects of cycloheximide in the rat. Vagenakis AG, et al. *Endocrinology* 94:1669-80, Jun 74
The snake thyroid gland. II. Radioiodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74
The snake thyroid gland. I. Seasonal variation of thyroidal and serum iodoamino acids. Wong KL, et al. *Gen Comp Endocrinol* 23:63-70, May 74
The goitrogenicity of kale and its relation to thiocyanate content. Paxman PJ, et al. *J Sci Food Agric* 25:329-37, Mar 74

SECRETION

The snake thyroid gland. II. Radioiodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74

IODOTYROSINE

Preferential synthesis of thyroxine from early iodinated tyrosyl residues in thyroglobulin. Lamas L, et al. *J Biol Chem* 249:2732-7, 10 May 74

ANALYSIS

Gas chromatographic behaviour of amino acid oxazolidinones. Response to flame ionization and electron capture detectors. Hušek P. *J Chromatogr* 91:483-92, 24 Apr 74
Gel chromatography of thyroidal iodo-compounds on sephadex G-10. Separation of iodopeptides, iodine, 3-moniodotyrosine, 3,5-diiodotyrosine and iodothyronines. Peyron C, et al. *J Chromatogr* 92:309-21, 22 May 74

METABOLISM

Effect of lithium on deiodinating activity of various rat tissues in vitro. Männistö PT. *Acta Endocrinol (Kbh)* 76:260-72, Jun 74
Persistent abnormalities in pituitary function following neonatal thyrotoxicosis in the rat. Azizi F, et al. *Endocrinology* 94:1681-8, Jun 74
The relationship between thyroglobulin synthesis and intrathyroid iodine metabolism as indicated by the effects of cycloheximide in the rat. Vagenakis AG, et al. *Endocrinology* 94:1669-80, Jun 74
The goitrogenicity of kale and its relation to thiocyanate content. Paxman PJ, et al. *J Sci Food Agric* 25:329-37, Mar 74

PHARMACODYNAMICS

Further studies on the nature of phenylalanine

hydroxylation in brain. Abita JP, et al. *Pediatr Res* 8:714-7, Jul 74

THYROGLOBULIN

Differential stability of iodine poor and iodine rich rat thyroglobulin. Valenta LJ. *Acta Endocrinol (Kbh)* 75:33-49, Jan 74
Normal serum triiodothyronine concentration and the lack of TSH response to TRH in patients with euthyroid Graves' disease. Shimizu T, et al. *Endocrinol Jap* 20:527-8, Oct 73
Incidence of thyroglobulin auto-antibodies in diverse thyroidal disorders: application of tanned red cell agglutination test. Talukdar CK, et al. *J Assoc Physicians India* 21:465-72, Jun 73
A study of possible correlation between thyroid functions and circulating thyroglobulin antibodies. Talukdar CK, et al. *J Indian Med Assoc* 61:419-23, 16 Nov 73
Serum gonadotropins in hypothyroid girls with and without sexual precocity. Lee PA, et al. *Johns Hopkins Med J* 135:55-60, Jul 74
Electrophoretic and quantitative studies on serum proteins in thyroid diseases. Miklaszewska M, et al. *Mater Med Pol* 5:250-4, Oct-Dec 73
Experimental autoimmune thyroiditis. Weigle WO. *Pathol Annu* 8:329-47, 1973 (70 ref.)
[The isoelectric point of human thyroglobulin] Scuncio G, et al. *Folia Endocrinol (Roma)* 27:233-45, Apr 74 (Eng. Abstr.) (Ita)
[Presence of thyroglobulin antibodies in pregnant women] Jeske W, et al. *Ginek Pol* 45:439-42, Apr 74 (Eng. Abstr.) (Pol)

ANALYSIS

Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. Forest JC, et al. *Acta Endocrinol (Kbh)* 76:89-101, May 74
In vivo incorporation of labelled amino acid into different protein fractions of the rat thyroid gland. Pavlovic-Hournac M, et al. *Horm Metab Res* 6:196-201, May 74
A defective thyroid peroxidase solubilized from a familial goiter with iodine organification defect. Pommer J, et al. *J Clin Endocrinol Metab* 39:69-80, Jul 74
[Isolation and some properties of human thyroalbumin] Saatov T, et al. *Biokhimiia* 38:851-6, Jul-Aug 73 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Biosynthesis of the 27 S thyroid iodoprotein. Frati L, et al. *Arch Biochem Biophys* 162:126-34, May 74
The relationship between thyroglobulin synthesis and intrathyroid iodine metabolism as indicated by the effects of cycloheximide in the rat. Vagenakis AG, et al. *Endocrinology* 94:1669-80, Jun 74
In vivo incorporation of labelled amino acid into different protein fractions of the rat thyroid gland. Pavlovic-Hournac M, et al. *Horm Metab Res* 6:196-201, May 74
[Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da. *Rev Paul Med* 79:203-16, Jun 72 (Por)
[Biosynthesis of thyroglobulin: thyroid metabolism of sugar nucleotides] Rodríguez P, et al. *Acta Cient Venez* 23:Suppl:23-9, 1972 (Spa)

BLOOD

New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease. McDougall IR, et al. *Scott Med J* 19:165-9, Jul 74 (36 ref.)
[Primary hepatocellular carcinoma with increased TBG and free thyroxine] Pedersen OL.

THYROGLOBULIN

Ugeskr Laeger 136:1154-5, 20 May 74 (Eng. Abstr.)
(Dan)

ISOLATION & PURIFICATION

Preferential synthesis of thyroxine from early iodinated tyrosyl residues in thyroglobulin. Lamas L, et al. *J Biol Chem* 249:2732-7, 10 May 74
[Isolation and some properties of human thyroalbumin] Saatov T, et al.
Biokhimiia 38:851-6, Jul-Aug 73 (Eng. Abstr.) (Rus)

METABOLISM

Effect of iodide and thyrotrophin on in vitro ¹⁴C-amino acid incorporation into rat thyroid proteins. Valenta LJ. *Acta Endocrinol (Kbh)* 76:273-85, Jun 74
Biosynthesis of the 27 S thyroid iodoprotein. Frati L, et al. *Arch Biochem Biophys* 162:126-34, May 74
The roles of T and B lymphocytes in self-tolerance and autoimmunity. Allison AC.
Contemp Top Immunobiol 3:227-42, 1974 (46 ref.)
Isolation and characterization of soluble and particulate thyroid iodoproteins in human congenital goiter. Monaco F, et al. *Horm Res* 5:141-55, 1974
Preferential synthesis of thyroxine from early iodinated tyrosyl residues in thyroglobulin. Lamas L, et al. *J Biol Chem* 249:2732-7, 10 May 74
A defective thyroid peroxidase solubilized from a familial goiter with iodine organification defect. Pommier J, et al.
J Clin Endocrinol Metab 39:69-80, Jul 74

SECRETION

Thyroid physiology in health and disease.
Ann Intern Med 81:68-81, Jul 74 (94 ref.)

THYROID HORMONES

[Secretion dynamics of prolactin in livestock] Kamiya T.
Clin Endocrinol (Tokyo) 22:343-51, Mar 74 (60 ref.)
(Jap)

ADVERSE EFFECTS

Letter: Replacement treatment of hypothyroidism.
N Engl J Med 291:100-3, 11 Jun 74

ANALYSIS

Gel chromatography of thyroidal iodo-compounds on sephadex G-10. Separation of iodo-peptides, iodine, 3-moniodotyrosine, 3,5-diiodotyrosine and diiodothyronines. Peyron C, et al.
J Chromatogr 92:309-21, 22 May 74
Radioimmunoassays. Parker CW.
Prog Clin Pathol 4:103-41, 1972 (164 ref.)

ANTAGONISTS & INHIBITORS

[Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da.
Rev Paul Med 79:203-16, Jun 72 (Por)

BIOSYNTHESIS

Hypothalamic-pituitary-thyroid axis in breast cancer.
Mitra I, et al. *Lancet* 1:885-9, 11 May 74

BLOOD

Thyrotoxicosis and giant-cell arteritis. Thomas RD, et al. *Br Med J* 2:408-9, 25 May 74
The snake thyroid gland. I. Seasonal variation of thyroidal and serum iodoamino acids. Wong KL, et al. *Gen Comp Endocrinol* 23:63-70, May 74
Hypothalamic-pituitary-prolactin axis in breast cancer. Mitra I, et al. *Lancet* 1:889-91, 11 May 74
[Existence of an important fraction on non-hormonal iodized proteins in the pbl of birds] Astier E. *C R Acad Sci [D] (Paris)* 276:793-6, 29 Jan 73 (Fre)
[Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to radiolodine therapy] Grebe SF.
Radiologie 14:161-5, Apr 74 (Ger)
[Effect of physical exercise on protein binding iodine (PBI) and triiodothyronine resin uptake (WZT-3) in man] Krawczyńska H, et al.

THYROID

Endokrynol Pol 25:117-31, Mar-Apr 74 (Eng. Abstr.)
(Pol)

METABOLISM

The snake thyroid gland. II. Radiolodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74
The snake thyroid gland. I. Seasonal variation of thyroidal and serum iodoamino acids. Wong KL, et al. *Gen Comp Endocrinol* 23:63-70, May 74
[Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da.
Rev Paul Med 79:203-16, Jun 72 (Por)

PHARMACODYNAMICS

Regulation of prostaglandin metabolism: inhibition of 15-hydroxyprostaglandin dehydrogenase by thyroid hormones. Hsin-Hsiung-Tai, et al.
Biochem Biophys Res Commun 57:457-62, 25 Mar 74
Action of thyroid hormone on the transmembrane potentials from sinoatrial node cells and atrial muscle cells in isolated atria of rabbits. Johnson PN, et al. *Cardiology* 58:273-89, 1973
Bile acid composition in the fistula bile from fasted, cholesterol-fed or thyroid powder-fed rats. Fujihira E, et al. *Chem Pharm Bull (Tokyo)* 22:196-200, Jan 74
[Effect of thyroid hormones and thyrostatic agents on the content of seromucoids in the blood serum of rats] Kyzmak NI.
Probl Endokrinol (Mosk) 20:93-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Defective regulatory control of developing rat cerebrum resulting from either excess or lack of thyroid hormone. Bass H, et al.
Acta Univ Carol [Med Monogr] (Praha) 56:171-3, 1973
Thyroid thermogenesis. Edelman IS.
N Engl J Med 290:1303-8, 6 Jun 74 (12 ref.)
[Study of the nucleic acids in rat liver mitochondria under different thyroid hormone levels in the body] Turakulov IaKh, et al.
Biokhimiia 38:1243-7, Nov-Dec 73 (Eng. Abstr.) (Rus)

SECRETION

Effect of magnesium status on thyroid activity and iodide metabolism. Heaton FW, et al.
J Endocrinol 61:53-61, Apr 74
The origin and development of human tumors studied with cell markers. Flalkow PJ.
N Engl J Med 291:26-35, 4 Jul 74 (14 ref.)
[Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da.
Rev Paul Med 79:203-16, Jun 72 (Por)
[Hormone-producing function of the thyroid gland and thyroxin-binding capacity of blood serum proteins in diabetes mellitus] Slavnov VN, et al.
Probl Endokrinol (Mosk) 20:13-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Hormone-dependent medullary carcinoma of the thyroid. Didolkar MS, et al. *Am J Surg* 128:100-2, Jul 74
Hyperlipidemic dementia. Hellman KM, et al.
Arch Neurol 31:67-8, Jul 74
Serum gonadotropins in hypothyroid girls with and without sexual precocity. Lee PA, et al.
Johns Hopkins Med J 135:55-60, Jul 74
Proceedings: Thyrotoxicosis and pregnancy. Kaufman. *S Afr J Surg* 11:292-3, Dec 73
Cystitis emphysematosa. Hawtrey CE, et al.
Urology 3:612-4, May 74
[Myxedematous coma and dilutional hyponatremia] Valliquette G, et al.
Union Med Can 103:1082-90, Jun 74 (Eng. Abstr.) (Fre)
[Dietetic and drug therapy of hyperlipidemias and hyperlipoproteinemia] Huth K, et al.
Med Klin 68:1089-97, 24 Aug 73 (Ger)
[Hormone therapy of breast carcinoma] Bruni B.
G Batteriol Virol Immunol [Cln] 15:36-64, Jan-Aug 72 (Ita)
[Abnormalities of the menstruation cycle and their treatment] Maneschi M.
Minerva Ginecol 26:95-123, Feb 74 (Ita)
[Hypothyroidism] Irie H.
Clin Endocrinol (Tokyo) 22:32-3, Jan 74 (Jap)

- [Congenital hypothyroidism (cretinism)] Nakajima H. *Clin Endocrinol (Tokyo)* 22:76-9, Jan 74 (Jap)
- [Effect of thyroid hormones and thyrostatic agents on the content of seromucoids in the blood serum of rats] Kyz'mak NI. *Probl Endokrinol (Mosk)* 20:93-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

THYRONINE

ANALYSIS

- Isolation and characterization of soluble and particulate thyroid iodoproteins in human congenital goiter. Monaco F, et al. *Horm Res* 5:141-55, 1974
- New concepts in densitometry. Control analysis of pharmaceutical formulations. Bethke H, et al. *J Chromatogr* 91:433-40, 24 Apr 74
- Gel chromatography of thyroidal iodo-compounds on sephadex G-10. Separation of iodo-peptides, iodine, 3-moniodotyrosine, 3,5-diiodotyrosine and iodothyronines. Peyron C, et al. *J Chromatogr* 92:309-21, 22 May 74
- Thyroxine analogs. 22. Thyromimetic activity of halogen-free derivatives of 3,5-dimethyl-L-thyronine. Jorgensen EC, et al. *J Med Chem* 17:434-9, Apr 74

CHEMICAL SYNTHESIS

- Thyroxine analogs. 22. Thyromimetic activity of halogen-free derivatives of 3,5-dimethyl-L-thyronine. Jorgensen EC, et al. *J Med Chem* 17:434-9, Apr 74

PHARMACODYNAMICS

- Thyromimetic activity of methylthyronines in the bullfrog tadpole. Frieden E, et al. *Endocrinology* 95:188-94, Jul 74

THERAPEUTIC USE

- Thyroxine analogs. 22. Thyromimetic activity of halogen-free derivatives of 3,5-dimethyl-L-thyronine. Jorgensen EC, et al. *J Med Chem* 17:434-9, Apr 74
- [Myxedematous coma] Grl E, et al. *Rev Iber Endocrinol* 21:159-69, Mar-Apr 74 (Eng. Abstr.) (Spa)

THYROXINE

- Chemiluminescence in the autoxidation of the pyruvic acid analogues of a thyroid hormone and related molecules. Cilento G, et al. *Biochem Biophys Res Commun* 58:296-300, 7 May 74
- The TSH, FSH and prolactin responses to continuous infusions of TRH and the effects of oestrogen administration in normal males. Mortimer CH, et al. *Clin Endocrinol (Oxf)* 3:97-103, Apr 74
- Thyroxine analogs. 22. Thyromimetic activity of halogen-free derivatives of 3,5-dimethyl-L-thyronine. Jorgensen EC, et al. *J Med Chem* 17:434-9, Apr 74
- Increased myocardial cathepsin D activity during regression of thyrotoxic cardiac hypertrophy. Wildenthal K, et al. *Nature* 249:478-9, 31 May 74

ADMINISTRATION & DOSAGE

- Bioassay of growth hormone and prolactin preparations by determination of longitudinal bone growth with tetracycline. Thorngren KG, et al. *Acta Endocrinol (Kbh)* 76:35-52, May 74
- Normal serum triiodothyronine concentration and the lack of TSH response to TRH in patients with euthyroid Graves' disease. Shimizu T, et al. *Endocrinol Jap* 20:527-8, Oct 73
- Computer analysis of early thyroxine distribution in thyrotoxicosis and hypothyroidism. Busnardo B, et al. *Horm Metab Res* 6:202-7, May 74
- The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohypophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenarová V, et al. *Horm Metab Res* 6:208-13, May 74
- Analysis of sodium levothyroxine or sodium liothyronine in tablets. Graham JH, et al. *J Pharm Sci* 63:763-6, May 74
- Proceedings: Effect of thyroxine on the body temperature after its intraventricular injection into conscious cats. Beleslin DB, et al. *J Physiol (Lond)* 238:27P-28P, Apr 74

- Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylate cyclase and cyclic adenosine 3',5' monophosphate by hypothalamic extract. Zor U, et al. *Metabolism* 23:549-59, Jun 74
- Letter: Replacement treatment of hypothyroidism. *N Engl J Med* 291:100-3, 11 Jun 74
- Postglacial evolution of the visual pigments of the smelt. *Osmerus eperlanus mordax*. Bridges CD, et al. *Vision Res* 14:345-56, May 74
- [Treatment of primary lipoproteinemia type IIa and IIb with highly purified dextro-thyroxine (D-T4). Controlled study in ambulant conditions] Klemens UH, et al. *Dtsch Med Wochenschr* 99:487-93, 15 Mar 74 (Eng. Abstr.) (Ger)
- [Treatment of primary hyperlipoproteinemia type IIa and IIb with dextrothyroxine (author's transl)] Koschinsky T, et al. *Dtsch Med Wochenschr* 99:494-6, 15 Mar 74 (Eng. Abstr.) (Ger)
- [Re-appraisal of replacement therapy with thyroid hormone: serum levels of tri-iodothyronine (author's transl)] Wenzel KW, et al. *Dtsch Med Wochenschr* 99:705-8, 5 Apr 74 (Eng. Abstr.) (Ger)
- [Thromboplastic properties of tissue extracts in experimental thyroxine intoxication] Khubetsova RD, et al. *Probl Endokrinol (Mosk)* 20:87-90, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Effect of thyroid hormones on hemodynamics and function of the kidneys] Pronina NN, et al. *Probl Endokrinol (Mosk)* 20:81-3, Mar-Apr 74 (Eng. Abstr.) (Rus)

ANALYSIS

- Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. Forest JC, et al. *Acta Endocrinol (Kbh)* 76:89-101, May 74
- Human chorionic TSH (hCTSH, hCT) during normal or molar pregnancy. Tojo S, et al. *Endocrinol Jap* 20:505-15, Oct 73
- Analysis of sodium levothyroxine or sodium liothyronine in tablets. Graham JH, et al. *J Pharm Sci* 63:763-6, May 74
- [T4 determination using "Oxford T4 column" test and Murphy-Pattee method. Amethodical comparison] Dürr HK, et al. *Verh Dtsch Ges Inn Med* 79:1227-9, 1973 (Ger)

ANTAGONISTS & INHIBITORS

- Protection by catatoxic steroids against the paralysis caused by combined treatment with thyroxine and methylphenidate. Selye H, et al. *Neuropharmacology* 11:693-6, Sep 72

BIOSYNTHESIS

- Preferential synthesis of thyroxine from early iodinated tyrosyl residues in thyroglobulin. Lamas L, et al. *J Biol Chem* 249:2732-7, 10 May 74
- [Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da. *Rev Paul Med* 79:203-16, Jun 72 (Por)

BLOOD

- Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H. *Acta Endocrinol (Kbh)* 76:74-82, May 74
- Quantitative studies of iodine metabolism in sporadic, non-toxic goitre. An evaluation of pathogenesis. Agerbaek H, et al. *Acta Endocrinol (Kbh)* 76:67-73, May 74
- Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. Forest JC, et al. *Acta Endocrinol (Kbh)* 76:89-101, May 74
- Effect of lithium on delimiting activity of various rat tissues in vitro. Männistö PT. *Acta Endocrinol (Kbh)* 76:260-72, Jun 74
- The "effective thyroxine ratio"--new in vitro test of thyroid function and its correlation with free thyroxine. Nauman J, et al. *Acta Endocrinol (Kbh)* 76:83-8, May 74
- The effect of thyrotrophin releasing hormone on the release of thyrotrophin and other pituitary hormones in man under basal conditions and following

THYROXINE

THYROID

- adrenergic blocking agents. Nilsson KO, et al. *Acta Endocrinol (Kbh)* 76:24-34, May 74
- Novel behaviors in an extreme environment. Popkin MK, et al. *Am J Psychiatry* 131:651-4, Jun 74
- Measurement of thyroid gland function during the estrous cycle of nine mares. Kelley ST, et al. *Am J Vet Res* 35:657-60, May 74
- Evaluation of selected commercial thyroid function tests in dogs. Kelley ST, et al. *Am J Vet Res* 35:733-6, May 74
- Letter: Serum digoxin and thyroid hormones. Nielsen TP, et al. *Ann Intern Med* 81:126-7, Jul 74
- Thyroxine levels in normal newborn infants. Davies RH, et al. *Arch Dis Child* 49:410-1, May 74
- Correlation between long-acting thyroid stimulator protector level and thyroid ^{131}I uptake in thyrotoxicosis. Adams DD, et al. *Br Med J* 2:199-201, 27 Apr 74
- Letter: Use of alkaline Sephadex G-25 for extraction and measurement of thyroxine. Bauer R. *Clin Chem* 20:917-8, Jul 74
- Use of co-current dialysis in an improved estimation of free thyroxine in serum. Strickler HS, et al. *Clin Chem* 20:695-7, Jun 74
- Thyroid function in euthyroid subjects with autonomous thyroid nodules. Evered DC, et al. *Clin Endocrinol (Oxf)* 3:149-54, Apr 74
- The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. *Clin Endocrinol (Oxf)* 3:55-61, Jan 74
- A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74
- A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74 (17 ref.)
- Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74
- Human chorionic TSH (hCTSH, hCT) during normal or molar pregnancy. Tojo S, et al. *Endocrinol Jap* 20:505-15, Oct 73
- Persistent abnormalities in pituitary function following neonatal thyrotoxicosis in the rat. Azizi F, et al. *Endocrinology* 94:1681-8, Jun 74
- Stimulation of the peripheral metabolism of L-thyroxine and and 3,5,3'-L-triiodothyronine in the physically trained rat. Balsam A, et al. *Endocrinology* 95:299-302, Jul 74
- The effects of 6-mercaptopurine (6-MP) on the thyroid gland. Jubiz W, et al. *Endocrinology* 94:1583-6, Jun 74
- Effect of different percentages of protein intake on thyroid activity, protein bound iodine, total thyroxine and free thyroxine level of blood of rats. Deb C, et al. *Endokrinologie* 62:321-6, 1973
- Thyroid physiology during the postnatal period in the rat: a study of the development of thyroid function and of the morphogenetic effects of thyroxine with special reference to cerebellar maturation. Clos J, et al. *Gen Comp Endocrinol* 23:178-92, Jun 74
- The snake thyroid gland. II. Radiolodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74
- Computer analysis of early thyroxine distribution in thyrotoxicosis and hypothyroidism. Busnardo B, et al. *Horm Metab Res* 6:202-7, May 74
- Free triiodothyronine (t3)- and thyroxine (t4) serum levels in old age. Herrmann J, et al. *Horm Metab Res* 6:239-40, May 74
- Radioimmunoassay of thyroxine in unextracted serum. Meinhold H, et al. *Horm Metab Res* 6:169-70, Mar 74
- A defective thyroid peroxidase solubilized from a familial goiter with iodine organification defect. Pommier J, et al. *J Clin Endocrinol Metab* 39:69-80, Jul 74
- The effect of starvation on the concentration and binding of thyroxine and triiodothyronine in serum and on the response to TRH. Portnay GI, et al. *J Clin Endocrinol Metab* 39:191-4, Jul 74
- Serum growth hormone and prolactin response to thyrotropin-releasing hormone in patients with acromegaly before and after surgery. Samaan NA, et al. *J Clin Endocrinol Metab* 38:957-63, Jun 74
- Transient lack of thyrotropin (TSH) response to thyrotropin-releasing hormone (TRH) in treated hyperthyroid patients with normal or low serum thyroxine (T4) and triiodothyronine (T3).
- Sanchez-Franco F, et al. *J Clin Endocrinol Metab* 38:1098-102, Jun 74
- Triiodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuid J, et al. *J Clin Invest* 54:201-8, Jul 74
- Relative rates of transcapillary movement of free thyroxine, protein-bound thyroxine, thyroxine-binding proteins, and albumin. Irvine CH, et al. *J Clin Invest* 54:156-64, Jul 74
- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
- Serum gonadotropins in hypothyroid girls with and without sexual precocity. Lee PA, et al. *Johns Hopkins Med J* 135:55-60, Jul 74
- Letter: Propranolol and thyroidectomy. Lund B, et al. *Lancet* 1:1348, 29 Jun 74
- Letter: Serum F.T.I. and T.S.H. in iodine- ^{131}I -treated hyperthyroidism. Toft AD, et al. *Lancet* 1:1284, 22 Jun 74
- Editorial: The thyroid, prolactin, and breast cancer. *Lancet* 1:908-9, 11 May 74
- Effect of propranolol on various aspects of thyroid function in the rat. Azizi F, et al. *Metabolism* 23:525-9, Jun 74
- Proceedings: Thyroid function in the foetal calf. Nathanielsz PW, et al. *N Engl J Med* 291:1xxi, 11 Jun 74
- Proceedings: The radioimmunoassay of thyroxine in unextracted human serum. Ratcliffe WA, et al. *N Engl J Med* 291:11, 11 Jun 74
- Letter: Replacement treatment of hypothyroidism. *N Engl J Med* 291:100-3, 11 Jun 74
- Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al. *Obstet Gynecol* 44:42-6, Jul 74
- Thyroid metabolism of chickens. 2. Estimation of thyroxine half-life in plasma. May JD, et al. *Poult Sci* 53:687-91, Mar 74
- Effect of synthetic salmon calcitonin on iodine metabolism in rabbits. Lupulescu A, et al. *Proc Soc Exp Biol Med* 146:56-8, May 74
- The effects of lithium on thyroid iodine release in patients with primary affective disorder. Carlson HE, et al. *Psychopharmacologia* 35:249-56, 27 Feb 74
- Kinetics of thyroxine and triiodothyronine in a case of thyroxine-binding globulin deficiency with hypothyroidism. Sakurada T, et al. *Tohoku J Exp Med* 112:133-40, Feb 74
- Iodide therapy of triiodothyronine-thyrotoxicosis. Sakurada T, et al. *Tohoku J Exp Med* 111:219-27, Nov 73
- Effect of estrogen on serum total and free thyroxine and triiodothyronine in a thyroxine-binding globulin deficient family. Sakurada T, et al. *Tohoku J Exp Med* 112:35-46, Jan 74
- [Primary hepatocellular carcinoma with increased TBG and free thyroxine] Pedersen OL. *Ugeskr Laeger* 136:1154-5, 20 May 74 (Eng. Abstr.) (Dan)
- [Editorial: New aspects of thyroid function exploration] Bellabarba D, et al. *Union Med Can* 103:641-2, Apr 74 (Fre)
- [Method of radioimmunological determination of blood thyroxine] Bellabarba D, et al. *Union Med Can* 103:647-53, Apr 74 (Eng. Abstr.) (Fre)
- [Evaluation of the E.T.R. (Effective Thyroxine Ratio) as a thyroid function test. Comparison with total and free thyroxine] Dussault JH. *Union Med Can* 102:1846-7, Sep 73 (Eng. Abstr.) (Fre)
- [Thyroxine (T4) determination by radioimmunological method in dried blood eluate: new diagnostic method of neonatal hypothyroidism?] Dussault JH, et al. *Union Med Can* 102:2062-4, Oct 73 (Eng. Abstr.) (Fre)
- [Plasmapheresis in the treatment of thyrotoxic crisis (author's transl)] Herrmann J, et al. *Dtsch Med Wochenschr* 99:888-92, 26 Apr 74 (Eng. Abstr.) (Ger)
- [Letter: Examination of thyroid function] Hesch RD. *Dtsch Med Wochenschr* 99:720-1, 5 Apr 74 (Ger)
- [T3-thyrotoxicosis in a 3-year-old girl (author's transl)] Lehr HJ, et al. *Dtsch Med Wochenschr* 99:1406-7, 28 Jun 74 (Eng. Abstr.) (Ger)
- [Re-appraisal of replacement therapy with thyroid hormone: serum levels of tri-iodothyronine (author's transl)] Wenzel KW, et al. *Dtsch Med Wochenschr* 99:705-8, 5 Apr 74 (Eng. Abstr.) (Ger)
- [Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to

THYROID

THYROXINE

- radiiodine therapy] Grebe SF.
Radiologie 14:161-5, Apr 74 (Ger)
- [Radioimmunoassay for serum triiodothyronine and thyroxine, and its use in hyperthyroidism] Hehrmann R, et al. *Radiologie* 14:156-60, Apr 74 (Ger)
- [Influence of hemodialysis on hormone status of terminal kidney failed patients] Bindeballe W, et al. *Verh Dtsch Ges Inn Med* 79:1249-52, 1973 (Ger)
- [Peritoneal dialysis in thyroxine poisoning?] Blachof W, et al. *Verh Dtsch Ges Inn Med* 79:749-51, 1973 (Ger)
- [Serum levels of triiodothyronine and thyroxine in the 1st 15 days of life of the newborn infant with low body weight] De Mattels F, et al.
Minerva Pediatr 26:409-16, 10 Mar 74 (Eng. Abstr.) (Ita)
- [Effect of L-dopa on hypothalamic-pituitary-thyroid axis in the rats] Tonooka N, et al.
Folia Endocrinol Jap 50:30-41, 20 Jan 74 (Jap)
- [The use of radiolabeled isotopes in gynecologic-obstetrics (evaluation of 15 cases) preliminary report] Trejo Rodriguez G, et al.
Ginecol Obstet Mex 35:251-6, Mar 74 (Eng. Abstr.) (Spa)
- [Plasma TSH and circulating thyroid hormone (T3 and T4) levels in patients with goiter and endemic cretinism] Medeiros Neto GA de, et al.
Rev Assoc Med Bras 20:7-12, Jan 74 (Eng. Abstr.) (Spa)
- [Direct radioimmunoassay of serum thyroxine (author's transl)] Beltrán M, et al.
Rev Invest Clin 26:125-31, Apr-Jun 74 (Eng. Abstr.) (Spa)

CHEMICALLY INDUCED

- Effects of neonatal hyperthyroidism on activity of cyclic AMP-dependent microsomal protein kinase.
 Schmidt MJ. *J Neurochem* 22:469-71, Mar 74

DIAGNOSTIC USE

- Classification of hypothyroidism in evaluating patients after radiiodine therapy by serum cholesterol, T3-uptake, Total T4, FT4-index, total T3, basal TSH and TRH-test. Wenzel KW, et al.
Eur J Clin Invest 4:141-8, Apr 74

ISOLATION & PURIFICATION

- [Treatment of primary lipoproteinemia type IIa and IIb with highly purified dextro-thyroxine (D-T4). Controlled study in ambulant conditions] Klemens UH, et al.
Dtsch Med Wochenschr 99:487-93, 15 Mar 74 (Eng. Abstr.) (Ger)
- [Treatment of primary hyperlipoproteinemia type IIa and IIb with dextrothyroxine (author's transl)] Koschinsky T, et al.
Dtsch Med Wochenschr 99:494-6, 15 Mar 74 (Eng. Abstr.) (Ger)

METABOLISM

- Effect of lithium on deiodinating activity of various rat tissues in vitro. Männistö PT.
Acta Endocrinol (Kbh) 76:260-72, Jun 74
- Thyroid physiology in health and disease.
Ann Intern Med 81:68-81, Jul 74 (94 ref.)
- Action of thyroid hormone on the transmembrane potentials from sinoatrial node cells and atrial muscle cells in isolated atria of rabbits. Johnson PN, et al.
Cardiology 58:273-89, 1973
- Stimulation of the peripheral metabolism of L-thyroxine and and 3,5,3'-L-triiodothyronine in the physically trained rat. Balsam A, et al.
Endocrinology 95:299-302, Jul 74
- The relationship between thyroglobulin synthesis and intrathyroid iodine metabolism as indicated by the effects of cycloheximide in the rat. Vagenakis AG, et al.
Endocrinology 94:1669-80, Jun 74
- Effect of different percentages of protein intake on thyroid activity, protein bound iodine, total thyroxine and free thyroxine level of blood of rats. Deb C, et al.
Endokrinologie 62:321-8, 1973
- The snake thyroid gland. I. Seasonal variation of thyroidal and serum iodoamino acids. Wong KL, et al.
Gen Comp Endocrinol 23:63-70, May 74
- The snake thyroid gland. II. Radiiodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74
- Computer analysis of early thyroxine distribution in

- thyrotoxicosis and hypothyroidism. Busnardo B, et al.
Horm Metab Res 6:202-7, May 74
- Free triiodothyronine (t3)- and thyroxine (t4) serum levels in old age. Herrmann J, et al.
Horm Metab Res 6:239-40, May 74
- Triiodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuid J, et al.
J Clin Invest 54:201-8, Jul 74
- Deiodination of L-thyroxine in vitro by peripheral leukocytes from rhesus monkeys with bacterial sepsis. Derubertis FR.
J Ky Med Assoc 83:902-10, Jun 74
- The goitrogenicity of kale and its relation to thiocyanate content. Paxman PJ, et al.
J Sci Food Agric 25:329-37, Mar 74
- Effect of propranolol on various aspects of thyroid function in the rat. Azizi F, et al.
Metabolism 23:525-9, Jun 74
- Effect of nonsteroidal antiinflammatory drugs on plasma protein-thyroxine interaction. Tsukui T, et al.
Proc Soc Exp Biol Med 146:494-8, Jun 74
- Kinetics of thyroxine and triiodothyronine in a case of thyroxine-binding globulin deficiency with hypothyroidism. Sakurada T, et al.
Tohoku J Exp Med 112:133-40, Feb 74
- [The binding of labelled thyroxine on protein of estrogenized rat adenohypophysis in vitro: kinetics of displacement by stable thyroxine (author's transl)] Schreiber V, et al.
Sb Lek 74:257-62, Sep 72 (Eng. Abstr.) (Cze)

PHARMACODYNAMICS

- Pituitary thyrotroph function in hypothyroid rats. Ching M, et al.
Acta Endocrinol (Kbh) 75:221-32, Feb 74
- Homologous radioimmunoassay of thyrotrophin in rat plasma. Kieffer JD, et al.
Acta Endocrinol (Kbh) 76:495-505, Jul 74
- Thyrotrophin releasing factor (TRF) in cerebrospinal fluid of the 3rd ventricle of rat. Knigge KM, et al.
Acta Endocrinol (Kbh) 76:209-13, Jun 74
- Bioassay of growth hormone and prolactin preparations by determination of longitudinal bone growth with tetracycline. Thorngren KG, et al.
Acta Endocrinol (Kbh) 76:35-52, May 74
- Defective regulatory control of developing rat cerebrum resulting from either excess or lack of thyroid hormone. Bass H, et al.
Acta Univ Carol (Med Monogr) (Praha) 56:171-3, 1973
- Membrane phospholipids and hormone-sensitive lipolysis in fat cells. Maude MB, et al.
Arch Biochem Biophys 161:628-31, 2 Apr 74
- Regulation of prostaglandin metabolism: inhibition of 15-hydroxyprostaglandin dehydrogenase by thyroid hormones. Hsiao-Hsiung-Tai, et al.
Biochem Biophys Res Commun 57:457-62, 25 Mar 74
- Influence of thyroid state on cholesterol hydroxylation and absorption in the rat. Story JA, et al.
Biochem Med 10:214-8, Jul 74
- Effects of cortisone on bone metabolism in intact and thyroidectomized rabbits. Thompson JS, et al.
Calcif Tissue Res 13:197-215, 23 Oct 73
- Unchanged number of rRNA genes in liver and tail muscle of *Xenopus* larvae during thyroxine induced metamorphosis. Ryffel G, et al.
Cell Differ 2:191-8, Jul 73
- The cell-types in the adenohypophysis of the Indian catfish *Heteropneustes fossilis* (Bloch). Baker BI, et al.
Cell Tissue Res 148:347-58, 30 Apr 74
- Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)
- The effects of parathyroid hormone on bone cell structure and function. McGuire JL, et al.
Clin Orthop 100:392-405, May 74
- Alterations in physical parameters and proteins of lens from *Rana catesbeiana* during development. Polansky JR, et al. *Dev Biol* 33:380-402, Aug 73
- Thyromimetic activity of methylthyronines in the bullfrog tadpole. Frieden E, et al.
Endocrinology 95:188-94, Jul 74
- Thyrotrophin-releasing hormone in chicks. Newcomer WS, et al. *Endocrinology* 95:318-20, Jul 74
- Stimulatory effects of thyroxine administration on reducing-equivalent transfer from substrate to oxygen during hepatic metabolism of sorbitol and glycerol. Werner HV, et al.
Eur J Biochem 42:315-24, 1 Mar 74
- Effects of thyroidectomy on ovarian compensatory

THYROXINE

- hypertrophy in rats. Jones RC, et al. *Experientia* 30:432-3, 15 Apr 74
- Thyroid physiology during the postnatal period in the rat: a study of the development of thyroid function and of the morphogenetic effects of thyroxine with special reference to cerebellar maturation. Clos J, et al. *Gen Comp Endocrinol* 23:178-92, Jun 74
- Effects of prolactin and thyroxine on the visual pigments of trout, *Salmo gairdneri*. Cristy M. *Gen Comp Endocrinol* 23:58-62, May 74
- The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohypophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenarová V, et al. *Horm Metab Res* 6:208-13, May 74
- Effect of thyroid status on glycerol metabolism in adipose tissue of fasted male rats. Montoya E, et al. *Horm Res* 5:129-40, 1974
- Nuclear pores in ventricular muscle cells from adult hypertrophied hearts. Goldstein MA. *J Mol Cell Cardiol* 6:227-35, Jun 74
- Effects of neonatal hyperthyroidism on activity of cyclic AMP-dependent microsomal protein kinase. Schmidt MJ. *J Neurochem* 22:469-71, Mar 74
- Proceedings: Effect of thyroxine on the body temperature after its intraventricular injection into conscious cats. Beleslin DB, et al. *J Physiol (Lond)* 238:27P-28P, Apr 74
- Editorial: The thyroid, prolactin, and breast cancer. *Lancet* 1:908-9, 11 May 74
- Metabolic response to male hormone and thyroid activity in the Indian garden lizard, *Calotes versicolor*. Chandola A, et al. *N Engl J Med* 291:285-91, 11 Jun 74
- Protection by catatonic steroids against the paralysis caused by combined treatment with thyroxine and methylphenidate. Selye H, et al. *Neuropharmacology* 11:693-6, Sep 72
- Postglacial evolution of the visual pigments of the smelt, *Osmerus eperlanus mordax*. Bridges CD, et al. *Vision Res* 14:345-56, May 74
- [Heart in myxedema: basic polygraphic study after 2-5 months of treatment with d-thyroxine] Plancher AS, et al. *Cardiol Prat* 24:407-17, Oct-Dec 73 (Eng. Abstr.) (Ita)
- [Study of the nucleic acids in rat liver mitochondria under different thyroid hormone levels in the body] Turakulov IAKh, et al. *Biokhimiia* 38:1243-7, Nov-Dec 73 (Eng. Abstr.) (Rus)
- [Effect of thyroid hormones on hemodynamics and function of the kidneys] Pronina NN, et al. *Probl Endokrinol (Mosk)* 20:81-3, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)
- [Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)
- [Monoamine and adenine nucleotide content in the rat hypothalamus in hypo- and hyperthyroidism] Martynenko FP, et al. *Ukr Biokhim Zh* 45:624-7, Sep-Oct 73 (Eng. Abstr.) (Ukr)

PHYSIOLOGY

- Regulation of myocardial contraction. Nayler WG, et al. *Adv Cardiol* 12:45-58, 1974 (23 ref.)
- Thyroid hormone control of glutathione reductase activity in rat erythrocytes and liver. Menendez CE, et al. *Am J Physiol* 226:1480-3, Jun 74
- Effect of salmon calcitonin on in vivo calcium absorption in rats. Cramer CF. *Calcif Tissue Res* 13:169-72, 23 Oct 73
- Proceedings: Neuroendocrinology of lactation. Meltes J. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)
- Further observations on the structure and function of median eminence, with reference to the organization of RF-producing elements in the endocrine hypothalamus. Knigge KM, et al. *Prog Brain Res* 39:7-20, 1973

THYROID

POISONING

- [Effect of thyroxine intoxication in animals on the vitamin E level in the myocardium] Uzbekova DG. *Kardiologiya* 14:138-9, Apr 74 (Rus)
- [Thromboplastic properties of tissue extracts in experimental thyroxine intoxication] Khubetsova RD, et al. *Probl Endokrinol (Mosk)* 20:87-90, Mar-Apr 74 (Eng. Abstr.) (Rus)

SECRETION

- Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (94 ref.)
- The snake thyroid gland. II. Radiolodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74

THERAPEUTIC USE

- Comparative treatment of hyperlipoproteinaemias in chimpanzees. Vastesaeger M, et al. *Acta Zool Pathol Antverp* 58:79-96, 1974
- Effects of hypothyroidism on serum immunoreactive insulin, free fatty acids and blood sugar in the dog as tested for oral glucose tolerance. Corrective effects of thyroxine therapy. Renaud A, et al. *Horm Metab Res* 6:137-41, Mar 74
- Letter: Congenital deafness and hypothyroidism. Wiener JD. *Lancet* 1:938-9, 11 May 74
- Treatment of hyperlipidemia. Levy RI, et al. *N Engl J Med* 290:1295-301, 6 Jun 74 (21 ref.)
- Letter: Replacement treatment of hypothyroidism. *N Engl J Med* 291:100-3, 11 Jun 74
- [Treatment of primary lipoproteinemia type IIa and IIb with highly purified dextro-thyroxine (D-T4). Controlled study in ambulant conditions] Klemens UH, et al. *Dtsch Med Wochenschr* 99:487-93, 15 Mar 74 (Eng. Abstr.) (Ger)
- [Treatment of primary hyperlipoproteinemia type IIa and IIb with dextrothyroxine (author's transl)] Koschinsky T, et al. *Dtsch Med Wochenschr* 99:494-6, 15 Mar 74 (Eng. Abstr.) (Ger)
- [Re-appraisal of replacement therapy with thyroid hormone: serum levels of tri-iodothyronine (author's transl)] Wenzel KW, et al. *Dtsch Med Wochenschr* 99:705-8, 5 Apr 74 (Eng. Abstr.) (Ger)
- [Dietetic and drug therapy of hyperlipidemias and hyperlipoproteinemia] Huth K, et al. *Med Klin* 68:1089-97, 24 Aug 73 (Ger)
- [Heart in myxedema: basic polygraphic study after 2-5 months of treatment with d-thyroxine] Plancher AS, et al. *Cardiol Prat* 24:407-17, Oct-Dec 73 (Eng. Abstr.) (Ita)
- [Therapy of angina pectoris. V. Various drugs. Surgical therapy and other therapeutic measures. General considerations] Messini M. *Clin Ter* 68:401-43, 15 Mar 74 (Ita)

URINE

- Stimulation of the peripheral metabolism of L-thyroxine and and 3,5,3'-L-triiodothyronine in the physically trained rat. Balsam A, et al. *Endocrinology* 95:299-302, Jul 74
- [Urinary thyroxine assay (author's transl)] De Pastrana SL, et al. *Rev Invest Clin* 26:133-9, Apr-Jun 74 (Eng. Abstr.) (Spa)

TRIODOTHYRONINE

- Effects of neonatal hyperthyroidism on activity of cyclic AMP-dependent microsomal protein kinase. Schmidt MJ. *J Neurochem* 22:469-71, Mar 74
- [The effect of hyper- and hypothyroidism on serotonin and noradrenaline concentration and monoamine oxidase activity in the nerve endings of the brains of rats] Kononenko Via, et al. *Ukr Biokhim Zh* 46:152-6, Mar-Apr 74 (Eng. Abstr.) (Ukr)

ADMINISTRATION & DOSAGE

- Analysis of sodium levothyroxine or sodium liothyronine in tablets. Graham JH, et al. *J Pharm Sci* 63:763-6, May 74

Letter: Replacement treatment of hypothyroidism. *N Engl J Med* 291:100-3, 11 Jun 74
[Re-appraisal of replacement therapy with thyroid hormone: serum levels of tri-iodothyronine (author's transl)] Wenzel KW, et al.
Dtsch Med Wochenschr 99:705-8, 5 Apr 74 (Eng. Abstr.) (Ger)

ANALYSIS

Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. Forest JC, et al.
Acta Endocrinol (Kbh) 76:89-101, May 74
Triiodothyronine radioimmunoassay: a study of the interactions of T3 with anti-T3 antisera and with thyroxine binding globulin in the presence of ANS (ammonium-8-anilino naphthalene-1-sulfonate). Malkus H, et al. *Clin Chim Acta* 51:191-8, 15 Mar 74
Isolation and characterization of soluble and particulate thyroid iodoproteins in human congenital goiter. Monaco F, et al. *Horm Res* 5:141-55, 1974
Gel chromatography of thyroidal iodo-compounds on sephadex G-10. Separation of iodopeptides, iodine, 3-moniodotyrosine, 3,5-diiodotyrosine and iodothyronines. Peyron C, et al.
J Chromatogr 92:309-21, 22 May 74
Analysis of sodium levothyroxine or sodium liothyronine in tablets. Graham JH, et al.
J Pharm Sci 63:763-6, May 74
[Clinical results with a radioimmunologic determination method for triiodothyronine] Hüfner M, et al. *Verh Dtsch Ges Inn Med* 79:1226-7, 1973 (Ger)

BLOOD

Quantitative studies of iodine metabolism in sporadic, non-toxic goitre. An evaluation of pathogenesis. Agerbaek H, et al.
Acta Endocrinol (Kbh) 76:67-73, May 74
Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. Forest JC, et al.
Acta Endocrinol (Kbh) 76:89-101, May 74
A simplified and rapid direct method for the determination of triiodothyronine in human serum. Vasiladias J, et al. *Ala J Med Sci* 10:439-44, Oct 73
Evaluation of selected commercial thyroid function tests in dogs. Kelley ST, et al.
Am J Vet Res 35:733-6, May 74
Measurement of thyroid gland function during the estrous cycle of nine mares. Kelley ST, et al.
Am J Vet Res 35:657-60, May 74
Letter: Serum digoxin and thyroid hormones. Nielsen TP, et al. *Ann Intern Med* 81:126-7, Jul 74
The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. *Clin Endocrinol (Oxf)* 3:55-61, Jan 74
Normal serum triiodothyronine concentration and the lack of TSH response to TRH in patients with euthyroid Graves' disease. Shimizu T, et al.
Endocrinol Jap 20:527-3, Oct 73
Stimulation of the peripheral metabolism of L-thyroxine and of 3,5,3'-L-triiodothyronine in the physically trained rat. Balsam A, et al.
Endocrinology 95:299-302, Jul 74
The effects of 6-mercaptopurine (6-MP) on the thyroid gland. Jubiz W, et al. *Endocrinology* 94:1583-6, Jun 74
The snake thyroid gland. II. Radiiodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74
Free triiodothyronine (t3)- and thyroxine (t4) serum levels in old age. Herrmann J, et al.
Horm Metab Res 6:239-40, May 74
Radioimmunoassay of thyroxine in unextracted serum. Melnhold H, et al. *Horm Metab Res* 6:169-70, Mar 74
Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74
The effect of starvation on the concentration and binding of thyroxine and triiodothyronine in serum and on the response to TRH. Portnay GI, et al.
J Clin Endocrinol Metab 39:191-4, Jul 74
Serum growth hormone and prolactin response to thyrotropin-releasing hormone in patients with acromegaly before and after surgery. Samaan NA, et al. *J Clin Endocrinol Metab* 38:957-63, Jun 74
Transient lack of thyrotropin (TSH) response to thyrotropin-releasing hormone (TRH) in treated hyperthyroid patients with normal or low serum thyroxine (T4) and triiodothyronine (T3). Sanchez-Franco F, et al.
J Clin Endocrinol Metab 38:1098-102, Jun 74

Triiodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuld J, et al.
J Clin Invest 54:201-8, Jul 74
Letter: Serum F.T.I. and T.S.H. in iodine-131-treated hyperthyroidism. Toft AD, et al.
Lancet 1:1284, 22 Jun 74
Endocrine manifestations of diphenylhydantoin therapy. Gharib H, et al. *Metabolism* 23:515-24, Jun 74
Proceedings: Thyroid function in the foetal calf. Nathanielsz PW, et al. *N Engl J Med* 291:ixxi, 11 Jun 74
Kinetics of thyroxine and triiodothyronine in a case of thyroxine-binding globulin deficiency with hypothyroidism. Sakurada T, et al.
Tohoku J Exp Med 112:133-40, Feb 74
Iodide therapy of triiodothyronine-thyrototoxicosis. Sakurada T, et al. *Tohoku J Exp Med* 111:219-27, Nov 73
Effect of estrogen on serum total and free thyroxine and triiodothyronine in a thyroxine-binding globulin deficient family. Sakurada T, et al.
Tohoku J Exp Med 112:35-46, Jan 74
[Editorial: New aspects of thyroid function exploration] Bellabarba D, et al.
Union Med Can 103:641-2, Apr 74 (Fre)
[Plasmapheresis in the treatment of thyrotoxic crisis (author's transl)] Herrmann J, et al.
Dtsch Med Wochenschr 99:888-92, 26 Apr 74 (Eng. Abstr.) (Ger)
[T3-thyrototoxicosis in a 3-year-old girl (author's transl)] Lehr HJ, et al.
Dtsch Med Wochenschr 99:1406-7, 28 Jun 74 (Eng. Abstr.) (Ger)
[Re-appraisal of replacement therapy with thyroid hormone: serum levels of tri-iodothyronine (author's transl)] Wenzel KW, et al.
Dtsch Med Wochenschr 99:705-8, 5 Apr 74 (Eng. Abstr.) (Ger)
[Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to radiolodine therapy] Grebe SF.
Radiologe 14:161-5, Apr 74 (Ger)
[Radioimmunoassay for serum triiodothyronine and thyroxine, and its use in hyperthyroidism] Hehrmann R, et al. *Radiologe* 14:156-60, Apr 74 (Ger)
[Serum levels of triiodothyronine and thyroxine in the 1st 15 days of life of the newborn infant with low body weight] De Mattela F, et al.
Minerva Pediatr 26:409-16, 10 Mar 74 (Eng. Abstr.) (Ita)
[Examination and clinical application of T3 radioimmunoassay-Kit] Doi A, et al.
Clin Endocrinol (Tokyo) 22:413-6, Mar 74 (Jap)
[Triiodothyronine radioimmunoassay in hypothyroidism and hyperthyroidism] Kosowicz J, et al. *Pol Tyg Lek* 29:557-9, 8 Apr 74 (Eng. Abstr.) (Pol)
[Determinations of PBI and T3] Verreschi IN, et al. *Rev Paul Med* 82:129-32, Sep-Oct 73 (Eng. Abstr.) (For)
[The use of radioisotopes in gynecobstetrics (evaluation of 15 cases) preliminary report] Trejo Rodriguez G, et al.
Ginecol Obstet Mex 35:251-6, Mar 74 (Eng. Abstr.) (Spa)
[Plasma TSH and circulating thyroid hormone (T3 and T4) levels in patients with goiter and endemic cretinism] Medeiros Neto GA de, et al.
Rev Assoc Med Bras 20:7-12, Jan 74 (Eng. Abstr.) (Spa)

DIAGNOSTIC USE

Classification of hypothyroidism in evaluating patients after radiolodine therapy by serum cholesterol, T3-uptake. Total T4, FT4-index, total T3, basal TSH and TRH-test. Wenzel KW, et al.
Eur J Clin Invest 4:141-8, Apr 74

METABOLISM

Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (94 ref.)
In vitro triiodothyronine binding to non-histone proteins from rat liver nuclei. Thomopoulos P, et al. *Biochem Biophys Res Commun* 58:499-506, 20 May 74
Correlation between long-acting thyroid stimulator protector level and thyroid 131-I uptake in thyrotoxicosis. Adams DD, et al.
Br Med J 2:199-201, 27 Apr 74
The use of the E-rosette as a test for remission in

- Graves' disease treated with antithyroid drugs. Farid NR, et al. *Clin Endocrinol (Oxf)* 3:55-61, Jan 74
- A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al.
- Clin Endocrinol (Oxf)* 3:63-8, Jan 74 (17 ref.)
- Persistent abnormalities in pituitary function following neonatal thyrotoxicosis in the rat. Azizi F, et al. *Endocrinology* 94:1681-8, Jun 74
- Stimulation of the peripheral metabolism of L-thyroxine and and 3,5,3'-L-triiodothyronine in the physically trained rat. Balsam A, et al. *Endocrinology* 95:299-302, Jul 74
- Binding of T3 in rat liver nuclei. DeGroot LJ, et al. *Endocrinology* 95:74-83, Jul 74
- The relationship between thyroglobulin synthesis and intrathyroid iodine metabolism as indicated by the effects of cycloheximide in the rat. Vagenakis AG, et al. *Endocrinology* 94:1669-80, Jun 74
- The snake thyroid gland. I. Seasonal variation of thyroidal and serum iodoamino acids. Wong KL, et al. *Gen Comp Endocrinol* 23:63-70, May 74
- The snake thyroid gland. II. Radioliodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74
- Free triiodothyronine (t3)- and thyroxine (t4) serum levels in old age. Herrmann J, et al. *Horm Metab Res* 6:239-40, May 74
- Triiodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuid J, et al. *J Clin Invest* 54:201-8, Jul 74
- Enhanced binding of 3,5,3'-L-triiodothyronine by rat kidney microsomes after acclimation to cold. Balsam A, et al. *Proc Soc Exp Biol Med* 145:1401-4, Apr 74
- Thyroid hormone action: in vitro demonstration of putative receptors in isolated nuclei and soluble nuclear extracts. Samuels HH, et al. *Science* 184:1188-91, 14 Jun 74
- Kinetics of thyroxine and triiodothyronine in a case of thyroxine-binding globulin deficiency with hypothyroidism. Sakurada T, et al. *Tohoku J Exp Med* 112:133-40, Feb 74
- [Effect of physical exercise on protein binding iodine (PBI) and triiodothyronine resin uptake (WZT-3) in man] Krawczyńska H, et al. *Endokrynol Pol* 25:117-31, Mar-Apr 74 (Eng. Abstr.) (Pol)
- [Incorporation of labelled triiodothyronine into the blood erythrocytes in diffuse toxic goiter under the influence of treatment with artificial arsenous mineral baths] Danilova IN, et al. *Vopr Kurortol Fizioter Lech Fiz Kult* 39:140-3, Mar 74 (Rus)

PHARMACODYNAMICS

- Regulation of hepatic beta-hydroxy-beta-methylglutaryl coenzyme A reductase by the interplay of hormones. Dugan RE, et al. *Arch Biochem Biophys* 161:499-504, 2 Apr 74
- Regulation of prostaglandin metabolism: inhibition of 15-hydroxyprostaglandin dehydrogenase by thyroid hormones. Hsiao-Hsiung-Tai, et al. *Biochem Biophys Res Commun* 57:457-62, 25 Mar 74
- N-methyl oxidation in liver mitochondria of triiodothyronine-treated and thyroidectomized rats.

- Frisell WR, et al. *Biochim Biophys Acta* 347:145-50, 22 May 74
- Thyroid function in euthyroid subjects with autonomous thyroid nodules. Evered DC, et al. *Clin Endocrinol (Oxf)* 3:149-54, Apr 74
- Thyrotropin-releasing hormone stimulation and somatostatin inhibition of growth hormone secretion from perfused rat adenohypophyses. Carlson HE, et al. *Endocrinology* 94:1709-13, Jun 74
- Hormonal responsiveness of adenylate cyclase activity from separate bone cells. Smith DM, et al. *Endocrinology* 95:130-9, Jul 74
- Prolactin and thyrotropin in thyroid diseases: lack of evidence for a physiological role of thyrotropin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al. *Horm Metab Res* 6:190-5, May 74
- Effects of neonatal hyperthyroidism on activity of cyclic AMP-dependent microsomal protein kinase. Schmidt MJ. *J Neurochem* 22:469-71, Mar 74
- Proceedings: Evaluation of a rat thyrotropin radioimmunoassay and its applications. Shale DJ, et al. *N Engl J Med* 291:xlixi, 11 Jun 74
- Triiodothyronine influences nuclear and extra-nuclear DNA in cultured human kidney cells. Siegel E, et al. *Nature* 249:139-40, 10 May 74
- Cyclic AMP, prostaglandins, and the control of cell proliferation. MacManus JP, et al. *Prostaglandins* 6:475-87, 25 Jun 74 (17 ref.)

SECRETION

- Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (94 ref.)
- The snake thyroid gland. II. Radioliodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74

THERAPEUTIC USE

- The short cardiac pre-ejection period: an index to thyrotoxicosis. Parial AF, et al. *Circulation* 49:900-4, May 74
- Effects of hypothyroidism and hyperthyroidism on dipyrone metabolism in man. Brunk SF, et al. *J Clin Pharmacol* 5:271-9, May-Jun 74
- Letter: Replacement treatment of hypothyroidism. *N Engl J Med* 291:100-3, 11 Jun 74
- Hyperthyroidism associated with pregnancy. Goluboff LG, et al. *Obstet Gynecol* 44:107-16, Jul 74
- [Re-appraisal of replacement therapy with thyroid hormone: serum levels of tri-iodothyronine (author's transl)] Wenzel KW, et al. *Dtsch Med Wochenschr* 99:705-8, 5 Apr 74 (Eng. Abstr.) (Ger)
- [Myxedematous coma] Gri E, et al. *Rev Iber Endocrinol* 21:159-69, Mar-Apr 74 (Eng. Abstr.) (Spa)

URINE

- Stimulation of the peripheral metabolism of L-thyroxine and and 3,5,3'-L-triiodothyronine in the physically trained rat. Balsam A, et al. *Endocrinology* 95:299-302, Jul 74

THYROID

IV. Thyroid Antagonists and Inhibitors

CARBIMAZOLE

ADVERSE EFFECTS

[Articular symptomatology in antithyroid treatment]
Soumar J, et al.
Fysiatr Reumatol Vestn 52:97-100, Apr 74 (Eng. Abstr.) (Cze)

DIAGNOSTIC USE

A study of thyrotropin deficiencies by the combination of two tests of TSH function. Berthezene F, et al.
J Clin Endocrinol Metab 38:1068-74, Jun 74

THERAPEUTIC USE

The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. Clin Endocrinol (Oxf) 3:55-61, Jan 74
Beta-blockade and partial thyroidectomy for thyrotoxicosis. Michle W, et al.
Lancet 1:1009-11, 25 May 74
Proceedings: Thyrotoxicosis and pregnancy. Kaufman. S Afr J Surg 11:292-3, Dec 73
[Articular symptomatology in antithyroid treatment]
Soumar J, et al.
Fysiatr Reumatol Vestn 52:97-100, Apr 74 (Eng. Abstr.) (Cze)

METHIMAZOLE

ADMINISTRATION & DOSAGE

Repeated administration of 35S-methimazole: pattern of accumulation and oxidation by the rat thyroid. Pharmakiotis AD, et al.
Endocrinology 94:1508-13, Jun 74

BLOOD

Repeated administration of 35S-methimazole: pattern of accumulation and oxidation by the rat thyroid. Pharmakiotis AD, et al.
Endocrinology 94:1508-13, Jun 74

METABOLISM

Repeated administration of 35S-methimazole: pattern of accumulation and oxidation by the rat thyroid. Pharmakiotis AD, et al.
Endocrinology 94:1508-13, Jun 74

PHARMACODYNAMICS

Thyrotrophin releasing factor (TRF) in cerebrospinal fluid of the 3rd ventricle of rat. Knigge KM, et al.
Acta Endocrinol (Kbh) 76:209-13, Jun 74

THERAPEUTIC USE

Trilodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuld J, et al.
J Clin Invest 54:201-8, Jul 74
[Therapy of thyroid crises] Kallee E.
Dtsch Med Wochenschr 99:1369-71, 21 Jun 74 (Ger)

METHYLTHIOURACIL

[The effect of hyper- and hypothyroidism on serotonin and noradrenaline concentration and monoamine oxidase activity in the nerve endings of the brains of rats] Kononenko VJa, et al.
Ukr Biokhim Zh 46:152-6, Mar-Apr 74 (Eng. Abstr.) (Ukr)

PHARMACODYNAMICS

[Effect of 6-methylthiouracil and cholesterol on

corticosteroid biosynthesis in the adrenal glands of dogs] Tsiomik VA.
Probl Endokrinol (Mosk) 20:84-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

PROPYLTHIOURACIL

Membrane phospholipids and hormone-sensitive lipolysis in fat cells. Maude MB, et al.
Arch Biochem Biophys 161:628-31, 2 Apr 74
The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al.
Eur J Pharmacol 25:402-6, Mar 74
Thyroid physiology during the postnatal period in the rat: a study of the development of thyroid function and of the morphogenetic effects of thyroxine with special reference to cerebellar maturation. Clos J, et al. Gen Comp Endocrinol 23:178-92, Jun 74

ADMINISTRATION & DOSAGE

Trilodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuld J, et al.
J Clin Invest 54:201-8, Jul 74

ADVERSE EFFECTS

Letter: Acute myeloblastic leukaemia after propylthiouracil. Aksoy M, et al.
Lancet 1:928-9, 11 May 74

METABOLISM

Excretion of propylthiouracil and its metabolites in rat bile and urine. Lindsay RH, et al.
Endocrinology 94:1689-98, Jun 74

PHARMACODYNAMICS

Pituitary thyrotroph function in hypothyroid rats. Ching M, et al.
Acta Endocrinol (Kbh) 75:221-32, Feb 74
Influence of thyroid state on cholesterol hydroxylation and absorption in the rat. Story JA, et al.
Biochem Med 10:214-8, Jul 74
The different effect of thyroidectomy, KClO4 and propylthiouracil on insulin secretion and glucose uptake in the rat. Jolfin T, et al.
Endocrinology 94:1502-7, Jun 74
The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al.
Eur J Pharmacol 25:402-6, Mar 74
Trilodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuld J, et al.
J Clin Invest 54:201-8, Jul 74
Letter: Acute myeloblastic leukaemia after propylthiouracil. Aksoy M, et al.
Lancet 1:928-9, 11 May 74
[Effect of L-dopa on hypothalamic-pituitary-thyroid axis in the rats] Tonooka N, et al.
Folia Endocrinol Jap 50:30-41, 20 Jan 74 (Jap)

THERAPEUTIC USE

The short cardiac pre-ejection period: an index to thyrotoxicosis. Parisi AF, et al.
Circulation 49:900-4, May 74
The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. Clin Endocrinol (Oxf) 3:55-61, Jan 74
Trilodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuld J, et al.
J Clin Invest 54:201-8, Jul 74
Letter: Acute myeloblastic leukaemia after propylthiouracil. Aksoy M, et al.
Lancet 1:928-9, 11 May 74

PROPYLTHIOURACIL

Hyperthyroidism associated with pregnancy. Goluboff LG, et al. *Obstet Gynecol* 44:107-16, Jul 74
Thyroid storm in an 11-year-old boy managed by propranolol. Galaburda M, et al. *Pediatrics* 53:920-2, Jun 74

URINE

Excretion of propylthiouracil and its metabolites in rat bile and urine. Lindsay RH, et al. *Endocrinology* 94:1689-98, Jun 74

THIOURACIL

Thyroxine analogs. 22. Thyromimetic activity of halogen-free derivatives of 3,5-dimethyl-L-thyronine. Jorgensen EC, et al. *J Med Chem* 17:434-9, Apr 74
Molecular structure of poly-2-thiouridylic acid, a double helix with non-equivalent polynucleotide chains. Mazumdar SK, et al. *J Mol Biol* 85:213-9, 15 May 74

ANALYSIS

Oscillopolarography of mercaptopurine and its synthesis intermediates using a commercial oscilloscope and an adapter circuit. Parrak V, et al. *J Pharm Sci* 63:622-4, Apr 74

PHARMACODYNAMICS

Cell types in the adenohypophysis of the puffer, *Fugu sticticonotus*, with special reference to the basophils in the pars distalis. Chiba A, et al. *Arch Histol Jap* 36:291-305, Mar 74

THERAPEUTIC USE

Editorial: Thyrotoxicosis: the wheel turns. *Lancet* 1:1024-5, 25 May 74

THYROID ANTAGONISTS

ADMINISTRATION & DOSAGE

Trilodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuld J, et al. *J Clin Invest* 54:201-8, Jul 74
Hyperthyroidism associated with pregnancy. Goluboff LG, et al. *Obstet Gynecol* 44:107-16, Jul 74

ADVERSE EFFECTS

Hyperthyroidism associated with pregnancy. Goluboff LG, et al. *Obstet Gynecol* 44:107-16, Jul 74

ANALYSIS

Breast milk: a source of more than nutrition for the

THYROID

neonate. Knowles JA.

Clin Toxicol 7:69-82, 1974 (43 ref.)

[Acid-base properties of mercazolyl and the optimal conditions for its spectrophotometric analysis]
Kompantseva EV, et al.

Farm Zh 28:47-9, Nov-Dec 73 (Eng. Abstr.) (Ukr)

PHARMACODYNAMICS

Light and electron microscopic alterations of the dog parafollicular cells induced by antithyroid drug. Kameda Y. *Arch Histol Jap* 36:205-20, Jan 74
Trilodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuld J, et al. *J Clin Invest* 54:201-8, Jul 74

The goitrogenicity of kale and its relation to thiocyanate content. Paxman PJ, et al. *J Sci Food Agric* 25:329-37, Mar 74

[Effect of thyroid hormones and thyrostatic agents on the content of seromucoids in the blood serum of rats] Kyz'mak NI.

Probi Endokrinol (Mosk) 20:93-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Beta-adrenergic receptor blocking drugs in hyperthyroidism. Turner P. *Drugs* 7:48-54, 1974 (39 ref.)

Malignant and benign neoplasms of the thyroid in patients treated for hyperthyroidism: a report of the cooperative thyrotoxicosis therapy follow-up study. Dobyns BM, et al.

J Clin Endocrinol Metab 38:976-98, Jun 74

Trilodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuld J, et al. *J Clin Invest* 54:201-8, Jul 74

Hyperthyroidism associated with pregnancy. Goluboff LG, et al. *Obstet Gynecol* 44:107-16, Jul 74

[Ophthalmic syndromes of Graves-Basedow disease in children and their relation to the course of the disease and treatment] Rybakowa M, et al. *Endokrynol Pol* 25:133-9, Mar-Apr 74 (Eng. Abstr.) (Pol)

[Treatment of patients with chronic coronary insufficiency] Miasnikov LA, et al. *Kardiologia* 12:144-55, Jul 72 (Rus)

[Effect of thyroid hormones and thyrostatic agents on the content of seromucoids in the blood serum of rats] Kyz'mak NI.

Probi Endokrinol (Mosk) 20:93-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

THYROID

V. Related Topics

EXOPHTHALMOS

- Fetal face syndrome with acral dysostosis. Schinzel A, et al. *Helv Paediatr Acta* 29:55-60, Apr 74
- [Dural supratentorial vascular malformations of posterior fossa] Doyon D, et al. *Acta Radiol [Diagn] (Stockh)* 13:792-800, 1972 (Eng. Abstr.) (Fre)
- [Steroid glaucoma after renal transplantation (author's transl)] Kopsa H, et al. *Dtsch Med Wochenschr* 99:576-7, 22 Mar 74 (Eng. Abstr.) (Ger)

COMPLICATIONS

- Intraocular pressure in endocrinological patients with exophthalmos. Manor RS, et al. *Ophthalmologica* 168:241-52, 1974

DIAGNOSIS

- [T3-thyrototoxicosis in a 3-year-old girl (author's transl)] Lehr HJ, et al. *Dtsch Med Wochenschr* 99:1406-7, 28 Jun 74 (Eng. Abstr.) (Ger)
- [Case of multifocal form of fibrous dysplasia of the bones] Januszkiewicz-Mielecka K. *Wiad Lek* 27:919-21, 15 May 74 (Eng. Abstr.) (Pol)
- [Diagnostic significance of acoustic measurement of the eyes in unilateral exophthalmos] Kruzhkova GV. *Vestn Oftalmol* 2:88-9, Mar-Apr 74 (Rus)

ETIOLOGY

- Giant cell tumors of bone in the E.N.T. organs. Report of two cases in the frontal sinus. Hlaváček V, et al. *Acta Otolaryngol (Stockh)* 77:374-80, May 74
- Problems in tumors of the ethmoid and sphenoid sinuses. Lapaowker MS, et al. *Adv Otorhinolaryngol* 21:19-31, 1974
- Sinusitis and the blind eye. Rounthwaite FJ. *Can J Otolaryngol* 3:219-24, 1974
- Proptosis—a manifestation of malignant lymphoma. Gupta SP, et al. *Indian J Ophthalmol* 20:189-90, Dec 72
- Bilateral proptosis due to carcinoma of pancreas. Narang NK, et al. *J Assoc Physicians India* 21:331-3, Mar 73
- Infra and supratentorial arteriovenous malformations, a general review. About 2 cases of spontaneous supratentorial arteriovenous malformation of the dura. Debrun G, et al. *Neuroradiology* 3:184-92, Apr 72 (34 ref.)
- Addison's disease and thyrotoxicosis. Hunt JP. *Proc R Soc Med* 67:322, May 74
- [A case of exophthalmia and ocular hypertension due to sphenoidal empyema] Baron F, et al. *Rev Otoneuroophthalmol* 45:89-91, Mar-Apr 73 (Fre)
- [The neurosurgeon in the orbital cavity (author's transl)] Schürmann K. *Arch Otorhinolaryngol (NY)* 207:253-82, 15 May 74 (Ger)
- [Gamma-orbitography with 203Hg-neohydrin and 87Ga-citrate] Lommatzsch P, et al. *Ophthalmologica* 168:392-9, 1974 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

- Intraocular pressure in endocrinological patients with exophthalmos. Manor RS, et al. *Ophthalmologica* 168:241-52, 1974

RADIOGRAPHY

- Craniostenosis. Roentgenological and craniometric features. Ebel K. *Pediatr Radiol* 2:1-13, 5 Apr 74
- [Measurement of the distance of the corneal apex from the bony margin of the orbit by means of X-rays] Maciejasz A, et al. *Klin Oczna* 44:477-82, May 74 (Eng. Abstr.) (Pol)

SURGERY

- [Stereotaxic surgery of the pituitary gland] Rusu M. *Rev Med Chir Soc Med Nat Iasi* 77:423-32, Jul-Sep 73 (53 ref.) (Rum)

IODIDES

- Properties of Physarum myosin purified by a potassium iodide procedure. Nachmias VT. *J Cell Biol* 62:54-65, Jul 74

ANALYSIS

- Gel chromatography of thyroidal iodo-compounds on sephadex G-10. Separation of iodopeptides, iodine, 3-moniodotyrosine, 3,5-diiodotyrosine and iodothyronines. Peyron C, et al. *J Chromatogr* 92:309-21, 22 May 74

BLOOD

- Quantitative studies of iodine metabolism in sporadic, non-toxic goitre. An evaluation of pathogenesis. Agerbaek H, et al. *Acta Endocrinol (Kbh)* 76:67-73, May 74
- Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74

METABOLISM

- Conductance of active and passive pathways in the toad bladder. Salto T, et al. *Am J Physiol* 226:1265-71, Jun 74
- Congenital radioactive iodine-induced stridor and hypothyroidism. Jafek BW, et al. *Arch Otolaryngol* 99:369-71, May 74
- Effect of hemorrhagic shock on capillary transport in dog skeletal muscle. Dahlberg JB, et al. *Bibl Anat* 12:297-302, 1973
- The relationship between thyroglobulin synthesis and intrathyroid iodine metabolism as indicated by the effects of cycloheximide in the rat. Vagenakis AG, et al. *Endocrinology* 94:1669-80, Jun 74
- Effect of magnesium status on thyroid activity and iodide metabolism. Heaton FW, et al. *J Endocrinol* 61:53-61, Apr 74
- Deiodination of L-thyrosine in vitro by peripheral leukocytes from rhesus monkeys with bacterial sepsis. Derubertis FR. *J Ky Med Assoc* 83:902-10, Jun 74
- Mechanism of anion permeation through the muscle fibre membrane of an elasmobranch fish, *Taeniura lymma*. Hagiwara S, et al. *J Physiol (Lond)* 238:109-27, Apr 74
- Histochemical observations on enzymatic hydrolysis of acetyl-, butyryl- and propionylthiocholine by rat sympathetic ganglion. Eränkő L, et al. *Med Biol* 52:111-20, Apr 74

PHARMACODYNAMICS

- Effect of iodide and thyrotrophin on in vitro 14C-amino acid incorporation into rat thyroid proteins. Valenta LJ. *Acta Endocrinol (Kbh)* 76:273-85, Jun 74
- Effect of chemical modification of cysteinyl, lysyl and tyrosyl residues singly and in combination on the catalytic, and regulatory properties of glutamate dehydrogenase. Nishida M, et al. *Ala J Med Sci* 10:384-92, Oct 73
- Bactericidal and sporicidal activity of a quaternary ammonium resin-triiodide complex. Gilmour MN, et al. *Antimicrob Agents Chemother* 2:417-8, Nov 72
- Iodine metabolism in leukocytes: effect of graded iodide concentrations. Stole V. *Biochem Med* 10:293-9, Jul 74
- Interaction of apolipoprotein-alamine and apolipoprotein-glutamine-I with phosphatidylcholine. Effect on solute quenching of intrinsic fluorescence. Pownall HJ, et al. *Biochemistry* 13:2590-3, 4 Jun 74

- A theoretical treatment of the turnover of protein-bound phosphate in the presence of both protein kinase and phosphatase activities. Weller M. *Biochim Biophys Acta* 343:565-83, 24 May 74
- Letter: Injection of iodides into carotid artery. Gross SW. *J Neurosurg* 41:119-20, Jul 74
- A study of the irreversible cholinesterase inhibitor, diisopropylfluorophosphate, on time course of end-plate currents in frog sartorius muscle. Kuba K, et al. *J Pharmacol Exp Ther* 189:499-512, May 74
- Biologic effects of dental materials. 3. Toxicity and antimicrobial effect of endodontic antiseptics in vitro. Spangberg L, et al. *Oral Surg* 36:856-71, Dec 73
- [The effect of adamantyl radicals on the mechanism of the cholinergic action of mono-quaternary ammonium compounds] Kharkevich DA, et al. *Farmakol Toksikol* 36:201-5, Mar-Apr 73 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

- Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74
- Treatment of severe asthma. Franklin W. *N Engl J Med* 290:1469-72, 27 Jun 74

IODINE

- Effect of iodide and thyrotrophin on in vitro ¹⁴C-amino acid incorporation into rat thyroid proteins. Valenta LJ. *Acta Endocrinol (Kbh)* 76:273-85, Jun 74
- Chemiluminescence in the autoxidation of the pyruvic acid analogues of a thyroid hormone and related molecules. Cilento G, et al. *Biochem Biophys Res Commun* 58:296-300, 7 May 74
- About insulin iodination. I. Moniodination of insulin by horseradish peroxidase. Lambert B, et al. *Biochimie* 55:1395-400, 1973
- Luteinizing hormone. 2. Relative reactivities of tyrosyl residues of the porcine hormone towards iodination. Combarous Y, et al. *Eur J Biochem* 42:13-9, 15 Feb 74
- Naturally occurring halogenated organic compounds. Sluda JF, et al. *Lloydia* 36:107-43, Jun 73 (308 ref.)
- [Iodized bread in the prophylaxis of endemic goiter in children] Gandz AS. *Pediatrics* 53:77-8, Apr 74 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

- The effect of administration of known fasciolicides in the diet to rats infected with *Fasciola hepatica*. Hayes TJ, et al. *J Parasitol* 60:545-6, Jun 74
- Trials with rafoxanide. 5. Efficacy studies against *Fasciola hepatica*, *Fasciola gigantica*, *Paramphistomum microbothrium* and various nematodes in sheep. Horak IG, et al. *J S Afr Vet Med Assoc* 43:397-403, Dec 72
- Beta-blockade and partial thyroidectomy for thyrotoxicosis. Michie W, et al. *Lancet* 1:1009-11, 25 May 74
- Hyperthyroidism after iodinated contrast medium. Blum M, et al. *N Engl J Med* 291:24-5, 4 Jul 74
- Breakdown of nonmitochondrial aspartate transaminase from pig heart in piglets. Massarrat S. *Res Exp Med (Berl)* 162:257-66, 1974
- Iodide therapy of triiodothyronine-thyrotoxicosis. Sakurada T, et al. *Tohoku J Exp Med* 111:219-27, Nov 73

ADVERSE EFFECTS

- Hyperthyroidism after iodinated contrast medium. Blum M, et al. *N Engl J Med* 291:24-5, 4 Jul 74
- [Preliminary research on hypersensitivity to iodine contrast media. Use of in vitro lymphocyte transformation test] Di Benedetto G, et al. *Arch E Maragliano Patol Clin* 29:43-9, Jan 73 (Eng. Abstr.) (Ita)
- [Role of resuscitation in incidents due to iodine contrast media] Testa S. *Minerva Anestesiol* 40:177-92, Apr 74 (Eng. Abstr.) (Ita)
- [Suspected cases of SMON in Japan in the 13th year of Showa (1938)-clinical-epidemiological evaluation] Takasu T, et al. *Jap J Clin Med* 31:892-9, Mar 73 (Jap)

ANALYSIS

- Biosynthesis of the 27 S thyroid iodoprotein. Frati L, et al. *Arch Biochem Biophys* 162:126-34, May 74

- Iodine balance studies in protein-calorie malnutrition. Ingenbleek Y, et al. *Arch Dis Child* 49:305-9, Apr 74
- The effects of 6-mercaptopurine (6-MP) on the thyroid gland. Jubiz W, et al. *Endocrinology* 94:1583-6, Jun 74
- Preferential synthesis of thyroxine from early iodinated tyrosyl residues in thyroglobulin. Lamas L, et al. *J Biol Chem* 249:2732-7, 10 May 74
- Gel chromatography of thyroidal iodo-compounds on sephadex G-10. Separation of iodo-peptides, iodine, 3-moniodotyrosine, 3,5-diiodotyrosine and diiodothyronines. Peyron C, et al. *J Chromatogr* 92:309-21, 22 May 74
- [Modern contrast media for angiography and urography] Lameer C. *Ned Tijdschr Geneesk* 118:1002-6, 29 Jun 74 (Eng. Abstr.) (Dut)
- [An investigation of the concentration of iodine in milk from different locations in Norway during the 12-month period July 1971-June 1972] Renaa T, et al. *Tidsskr Nor Laegeforen* 94:990-3, 30 May 74 (Nor)
- [Characteristics of the distribution of the total content of iodine and its fractions in embryonic tissues] Kasatkina LA. *Ukr Biokhim Zh* 46:317-9, May-Jun 74 (Eng. Abstr.) (Ukr)

BLOOD

- Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H. *Acta Endocrinol (Kbh)* 76:74-82, May 74
- Iodine balance studies in protein-calorie malnutrition. Ingenbleek Y, et al. *Arch Dis Child* 49:305-9, Apr 74
- Iodine metabolism in leukocytes: effect of graded iodide concentrations. Stole V. *Biochem Med* 10:293-9, Jul 74
- A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74
- Measures of skewness and kurtosis of distributions of blood and liver constituents of rats (*Rattus norvegicus*) at two environmental temperatures. Roubicek CB, et al. *Comp Biochem Physiol [A]* 48:205-16, 1 Jun 74
- The different effect of thyroidectomy, KClO₄ and propylthiouracil on insulin secretion and glucose uptake in the rat. Jolfin T, et al. *Endocrinology* 94:1502-7, Jun 74
- The effects of 6-mercaptopurine (6-MP) on the thyroid gland. Jubiz W, et al. *Endocrinology* 94:1583-6, Jun 74
- Effect of different percentages of protein intake on thyroid activity, protein bound iodine, total thyroxine and free thyroxine level of blood of rats. Deb C, et al. *Endocrinology* 62:321-6, 1973
- The exchange of radiiodine in pregnant and fetal sheep. Book SA, et al. *Health Phys* 26:533-9, Jun 74
- Effects of hypothyroidism on serum immunoreactive insulin, free fatty acids and blood sugar in the dog as tested for oral glucose tolerance. Corrective effects of thyroxine therapy. Renaud A, et al. *Horm Metab Res* 6:137-41, Mar 74
- Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of western New Guinea. 3. Serum and urinary iodine levels in goitrous and adjacent non-goitrous populations. Garruto RM, et al. *Hum Biol* 46:311-29, May 74
- Red cell sodium as an index of thyroid function. Kanagasabapathy AS, et al. *Indian J Med Res* 61:1672-8, Nov 73
- A study of thyrotropin deficiencies by the combination of two tests of TSH function. Berthezene F, et al. *J Clin Endocrinol Metab* 38:1068-74, Jun 74
- A defective thyroid peroxidase solubilized from a familial goiter with iodine organification defect. Pommier J, et al. *J Clin Endocrinol Metab* 39:69-80, Jul 74
- Protein bound iodine-pre-treatment of sera. Stephens JR, et al. *Med Lab Technol* 30:291-2, Jul 73
- Effect of synthetic salmon calcitonin on iodine metabolism in rabbits. Lupulescu A, et al. *Proc Soc Exp Biol Med* 146:56-8, May 74
- Effect of nonsteroidal antiinflammatory drugs on plasma protein-thyroxine interaction. Tsukui T, et al. *Proc Soc Exp Biol Med* 146:494-8, Jun 74
- Myeloperoxidase-mediated extracellular iodination during phagocytosis in granulocytes. Odeberg H, et al. *Scand J Haematol* 12:155-60, 1974

- [Existence of an important fraction on non-hormonal iodized proteins in the pbi of birds] Astier H. *C R Acad Sci [D] (Paris)* 276:793-6, 29 Jan 73 (Fre)
- [Influence of hemodialysis on hormone status of terminal kidney failed patients] Bindeballe W, et al. *Verh Dtsch Ges Inn Med* 79:1249-52, 1973 (Ger)
- [Inhibition of TSH secretion by hypoglycemia] Londong V, et al. *Verh Dtsch Ges Inn Med* 79:1235-7, 1973 (Ger)
- [Development of the hypothalamo-pituitary-thyroid functional system] Dedov II. *Dokl Akad Nauk SSSR* 216:235-8, 1 May 74 (Rus)

DIAGNOSTIC USE

- African swine fever: hypergammaglobulinemia and the iodine agglutination test. Pan IC, et al. *Am J Vet Res* 35:629-31, May 74
- Hyperthyroidism after iodinated contrast medium. Blum M, et al. *N Engl J Med* 291:24-5, 4 Jul 74
- [Our experience with Dimer X ventriculography] Dupuy JP, et al. *J Radiol Electrol Med Nucl* 54:866, Nov 73 (Fre)
- [Dimer X. Radiologic experiences with a new contrast medium in lumbosacral radiculography] Selle GA, et al. *Roentgenblaetter* 26:206-15, May 73 (Eng. Abstr.) (Ger)

METABOLISM

- Quantitative studies of iodine metabolism in sporadic, non-toxic goitre. An evaluation of pathogenesis. Agerbaek H, et al. *Acta Endocrinol (Kbh)* 76:67-73, May 74
- Experimental studies of the endolymphatic radiotherapy. Irino S, et al. *Acta Med Okayama* 28:59-67, Feb 74
- Iodine balance studies in protein-calorie malnutrition. Ingenbleek Y, et al. *Arch Dis Child* 49:305-9, Apr 74
- Relationship of pathology to function in congenital hearing loss. II. The auditory function in congenital hearing loss. Downs MP. *Audiology* 11:330-6, Sep-Dec 72
- Relationship of pathology to function in congenital hearing loss. I. The pathology of congenital hearing loss. Hemenway WG. *Audiology* 11:322-9, Sep-Dec 72
- Iodine metabolism in leukocytes: effect of graded iodide concentrations. Stoic V. *Biochem Med* 10:293-9, Jul 74
- Correlation between long-acting thyroid stimulator protector level and thyroid 131-I uptake in thyrotoxicosis. Adams DD, et al. *Br Med J* 2:199-201, 27 Apr 74
- The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. Farid NR, et al. *Clin Endocrinol (Oxf)* 3:55-61, Jan 74
- Persistent abnormalities in pituitary function following neonatal thyrotoxicosis in the rat. Azizi F, et al. *Endocrinology* 94:1681-8, Jun 74
- Observations on the effects of chromate on the thyroid. Chirasevenuprapund P, et al. *Endocrinology* 94:1714-22, Jun 74
- The relationship between thyroglobulin synthesis and intrathyroid iodine metabolism as indicated by the effects of cycloheximide in the rat. Vagenakis AG, et al. *Endocrinology* 94:1669-80, Jun 74
- Effect of different percentages of protein intake on thyroid activity, protein bound iodine, total thyroxine and free thyroxine level of blood of rats. Deb C, et al. *Endocrinology* 94:321-6, 1973
- The snake thyroid gland. II. Radioiodine metabolism. Wong KL, et al. *Gen Comp Endocrinol* 23:71-81, May 74
- The snake thyroid gland. I. Seasonal variation of thyroidal and serum iodoamino acids. Wong KL, et al. *Gen Comp Endocrinol* 23:63-70, May 74
- Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of western New Guinea. 3. Serum and urinary iodine levels in goitrous and adjacent non-goitrous populations. Garruto RM, et al. *Hum Biol* 46:311-29, May 74
- A defective thyroid peroxidase solubilized from a familial goiter with iodine organification defect. Pommier J, et al. *J Clin Endocrinol Metab* 39:69-80, Jul 74
- The goitrogenicity of kale and its relation to thiocyanate content. Paxman PJ, et al. *J Sci Food Agric* 25:329-37, Mar 74
- The treatment of experimental peritonitis with

- intraperitoneal betadine solution. Lavigne JE, et al. *J Surg Res* 16:307-11, Apr 74
- Actions of chionoform and oxine on the isolated phrenic nerve-diaphragm preparation of the rat: the accumulation of chionoform by rat diaphragm strip. Hiratsuka K, et al. *Jap J Pharmacol* 24:23-39, Feb 74
- Metabolic response to male hormone and thyroid activity in the Indian garden lizard, *Calotes versicolor*. Chandola A, et al. *N Engl J Med* 291:285-91, 11 Jun 74
- Some effects of DDT, toxaphene and polychlorinated biphenyl on thyroid function in Bobwhite quail. Hurst JG, et al. *Poult Sci* 53:125-33, Jan 74
- Eighteen-hour uptake of 131-I by the thyroids and the ovaries of Japanese quail 1 day to 9 months of age. Robinson GA, et al. *Poult Sci* 53:401-6, Jan 74
- Identification of chloramphenicol-binding protein in *Escherichia coli* ribosomes by affinity labeling. Pongs O, et al. *Proc Natl Acad Sci USA* 70:2229-33, Aug 73
- Effect of synthetic salmon calcitonin on iodine metabolism in rabbits. Lupulescu A, et al. *Proc Soc Exp Biol Med* 146:56-8, May 74
- The effects of lithium on thyroid iodine release in patients with primary affective disorder. Carlson HE, et al. *Psychopharmacologia* 35:249-56, 27 Feb 74
- [Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to radiolodine therapy] Grebe SF. *Radiologe* 14:161-5, Apr 74 (Ger)
- [Iodine and endemic goiter] Vogt JH. *Tidsskr Nor Laegeforen* 94:1012, 30 May 74 (Nor)
- [Comparison of results of scintiscanning of thyroid nodules in vivo and in vitro] Górowaki T, et al. *Pol Tyg Lek* 29:601-4, 15 Apr 74 (Eng. Abstr.) (Pol)
- [Thyroid function tests with radiolodine (I-131): normal values in Balxa Santista] Camargo EE. *Rev Assoc Med Bras* 20:85-6, Feb 74 (Eng. Abstr.) (Por)
- [Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da. *Rev Paul Med* 79:203-16, Jun 72 (Por)
- [Development of the hypothalamo-pituitary-thyroid functional system] Dedov II. *Dokl Akad Nauk SSSR* 216:235-8, 1 May 74 (Rus)
- [Radiolodine study of inorganic and organic phases of intrathyroid stage of iodine metabolism] Kotilarov EV, et al. *Med Radiol (Mosk)* 18:12-5, Aug 73 (Eng. Abstr.) (Rus)
- [Correlation between radiosensitivity and unbalanced macromolecular synthesis in *Escherichia coli* cells] Hernádi F, et al. *Mikrobiologia* 42:458-63, May-Jun 73 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

- Effects of benzofuran derivatives on tubular permeability to urate-2-14C in the rat nephron. Kramp RA. *Adv Exp Med Biol* 41:777-80, 1974
- Studies on dextranase. II. New exo-dextranase from *Brevibacterium fuscum* var. *Dextranlyticum*. Suglura M, et al. *Biochim Biophys Acta* 350:61-70, 20 May 74
- Repeated administration of 35S-methimazole: pattern of accumulation and oxidation by the rat thyroid. Pharmakiotis AD, et al. *Endocrinology* 94:1508-13, Jun 74
- Intraaxonal iodate inhibits sodium inactivation. Stämpfli R. *Experientia* 30:505-8, 15 May 74
- Effects of alpha-chlorohydrin and related compounds on the reproductive organs and fertility of the male rat. Cooper ER, et al. *J Reprod Fertil* 38:379-86, Jun 74
- Actions of chionoform and oxine on the isolated phrenic nerve-diaphragm preparation of the rat: the accumulation of chionoform by rat diaphragm strip. Hiratsuka K, et al. *Jap J Pharmacol* 24:23-39, Feb 74
- Biologic effects of dental materials. 3. Toxicity and antimicrobial effect of endodontic antiseptics in vitro. Spangberg L, et al. *Oral Surg* 38:856-71, Dec 73
- The effect of molecular iodine on platelet aggregation in vitro. Kikugawa K. *Thromb Diath Haemorrh* 31:160-71, 15 Mar 74
- [Influence of hydroxybenzoic acids and their iodized derivatives on the respiration of isolated mitochondria] Galen FX, et al. *Biochem Pharmacol* 23:1367-77, 1 May 74 (Eng. Abstr.) (Fre)
- [Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to radiolodine therapy] Grebe SF. *Radiologe* 14:161-5, Apr 74 (Ger)

IODINE

[Effect of certain agents on antigenic activity of *Salmonella*] Duniavin AV, et al.
Veterinaria 3:47-8, Mar 74 (Rus)

THERAPEUTIC USE

Trilodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. Abuld J, et al.
J Clin Invest 54:201-8, Jul 74
 The effect of administration of known fasciolicides in the diet to rats infected with *Fasciola hepatica*. Hayes TJ, et al. *J Parasitol* 60:545-6, Jun 74
 Trials with rafoxanide. 5. Efficacy studies against *Fasciola hepatica*, *Fasciola gigantica*, *Paramphistomum microbothrium* and various nematodes in sheep. Horak IG, et al.
J S Afr Vet Med Assoc 43:397-403, Dec 72
 Beta-blockade and partial thyroidectomy for thyrotoxicosis. Michie W, et al.
Lancet 1:1009-11, 25 May 74
 Iodide therapy of trilodothyronine-thyrotoxicosis. Sakurada T, et al. *Tohoku J Exp Med* 111:219-27, Nov 73
 [Indication for the use of iodine-bromide salt water in Rožnov pod Radhoštěm] Adámek B.
Fysiatr Reumatol Vestn 52:147-51, Jun 74 (Cze)
 [Therapy of thyroid crises] Kallee E.
Dtsch Med Wochenschr 99:1369-71, 21 Jun 74 (Ger)

URINE

Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H.
Acta Endocrinol (Kbh) 76:74-82, May 74
 Determination of iodine in urine by neutron activation analysis. Application of the Szilard-Chalmers effect. Blotcky AJ, et al. *Anal Chem* 46:838-42, Jun 74
 Iodine balance studies in protein-calorie malnutrition. Ingenbleek Y, et al. *Arch Dis Child* 49:305-9, Apr 74
 Effect of frusemide on hematocrit and plasma osmolality changes following angiocardiology in children. Gavalaki E, et al. *Cardiology* 58:298-305, 1973
 Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of western New Guinea. 3. Serum and urinary iodine levels in goitrous and adjacent non-goitrous populations. Garruto RM, et al.
Hum Biol 46:311-29, May 74
 [Urinary excretion of iodine in some Norwegian population groups 1971-1972] Frey H, et al.
Tidsskr Nor Laegeforen 94:982-7, 30 May 74 (Nor)
 [Iodine excretion in 24-hour urine] Halvorsen AO, et al.
Tidsskr Nor Laegeforen 94:987-90, 30 May 74 (Nor)

IODOPROTEINS

ANALYSIS

Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. Forest JC, et al.
Acta Endocrinol (Kbh) 76:89-101, May 74

BLOOD

[Existence of an important fraction on non-hormonal iodized proteins in the pbi of birds] Astier H.
C R Acad Sci [D] (Paris) 276:793-6, 29 Jan 73 (Fre)

ISOLATION & PURIFICATION

Isolation and characterization of soluble and particulate thyroid iodoproteins in human congenital goiter. Monaco F, et al. *Horm Res* 5:141-55, 1974

METABOLISM

Effect of iodide and thyrotrophin on in vitro ¹⁴C-amino acid incorporation into rat thyroid proteins. Valenta LJ. *Acta Endocrinol (Kbh)* 76:273-85, Jun 74
 Isolation and characterization of soluble and particulate thyroid iodoproteins in human congenital goiter. Monaco F, et al. *Horm Res* 5:141-55, 1974

LONG-ACTING THYROID STIMULATOR

Correlation between long-acting thyroid stimulator protector level and thyroid ¹³¹I uptake in

THYROID

thyrotoxicosis. Adams DD, et al.
Br Med J 2:199-201, 27 Apr 74
 Editorial: Autoimmune disorders of the thyroid gland. Rastogi GK. *J Assoc Physicians India* 21:79-81, Jan 73
 Editorial: Auto-immunity in thyroid disease. Chhetri MK, et al. *J Indian Med Assoc* 61:439-40, 16 Nov 73
 Proceedings: Molecular dissection of long-acting thyroid stimulating immunoglobulin G. Mahdi SQ, et al. *N Engl J Med* 291:58, 11 Jun 74

BLOOD

Studies on thyroid stimulating hormone and the long-acting thyroid stimulating hormone. Bitensky L, et al. *Clin Endocrinol (Oxf)* 3:363-74, Jul 74
 The need for more sensitive assays for the measurement of thyroid-stimulating hormone (TSH) and the long-acting thyroid stimulator (LATS). Hall R. *Clin Endocrinol (Oxf)* 3:361-2, Jul 74
 The pathogenesis of Graves' disease and Hashimoto's thyroiditis. Volpé R, et al.
Clin Endocrinol (Oxf) 3:239-61, Jul 74 (134 ref.)
 [Significance of long-acting thyroid stimulator. Reflections on the 1st series of results] Tournear R, et al. *Minerva Med* 65:995-8, 14 Mar 74 (Ita)

METABOLISM

The thyrotrophin receptor in guinea-pig thyroid homogenate: interaction with the long-acting thyroid stimulator. Manley SW, et al.
J Endocrinol 61:437-45, Jun 74

PHARMACODYNAMICS

Studies on thyroid stimulating hormone and the long-acting thyroid stimulating hormone. Bitensky L, et al. *Clin Endocrinol (Oxf)* 3:363-74, Jul 74

PHYSIOLOGY

[Significance of long-acting thyroid stimulator. Reflections on the 1st series of results] Tournear R, et al. *Minerva Med* 65:995-8, 14 Mar 74 (Ita)
 [Study of human thyroid stimulator (HTS): comparison with LATS] Onaya T, et al.
Clin Endocrinol (Tokyo) 22:394-6, Mar 74 (10 ref.) (Jap)

PROTEIN-BOUND IODINE TEST

Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. Agerbaek H.
Acta Endocrinol (Kbh) 76:74-82, May 74
 Quantitative studies of iodine metabolism in sporadic, non-toxic goitre. An evaluation of pathogenesis. Agerbaek H, et al.
Acta Endocrinol (Kbh) 76:67-73, May 74
 Pituitary thyrotroph function in hypothyroid rats. Ching M, et al.
Acta Endocrinol (Kbh) 75:221-32, Feb 74
 Serum thyrotrophin and the response to thyrotrophin releasing hormone in symptomless autoimmune thyroiditis and in borderline and overt hypothyroidism. Gordin A, et al.
Acta Endocrinol (Kbh) 75:274-85, Feb 74
 The "effective thyroxine ratio"—new in vitro test of thyroid function and its correlation with free thyroxine. Nauman J, et al.
Acta Endocrinol (Kbh) 76:83-8, May 74
 Novel behaviors in an extreme environment. Popkin MK, et al. *Am J Psychiatry* 131:651-4, Jun 74
 Halofenate: effectiveness of two dosage forms and two dose schedules. Hutchison JC, et al.
Atherosclerosis 19:417-28, May-Jun 74
 The frequency distributions of commonly determined blood constituents in healthy blood donors. Flynn FV, et al. *Clin Chim Acta* 52:163-71, Apr 74
 Serum enzyme activities in accidental hypothermia and hypothermic myxoedema. Maclean D, et al.
Clin Chim Acta 52:197-201, Apr 74
 A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al.
Clin Endocrinol (Oxf) 3:63-8, Jan 74
 Effect of different percentages of protein intake on thyroid activity, protein bound iodine, total thyroxine and free thyroxine level of blood of rats. Deb C, et al.
Endokrinologie 62:321-6, 1973

- Differences in the thyroid function of four inbred strains of mice. Marchlewski-Koj A, et al. *Folia Biol (Krakow)* 22:149-58, 1974
- Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of western New Guinea. 3. Serum and urinary iodine levels in goitrous and adjacent non-goitrous populations. Garruto RM, et al. *Hum Biol* 46:311-29, May 74
- Gel chromatography of thyroidal iodo-compounds on sephadex G-10. Separation of iodopeptides, iodine, 3-moniodotyrosine, 3,5-diiodotyrosine and diiodothyronines. Peyron C, et al. *J Chromatogr* 92:309-21, 22 May 74
- Effect of magnesium status on thyroid activity and iodide metabolism. Heaton FW, et al. *J Endocrinol* 61:53-61, Apr 74
- The treatment of experimental peritonitis with intraperitoneal betadine solution. Lavigne JE, et al. *J Surg Res* 16:307-11, Apr 74
- Letter: Thyrotrophin (T.S.H.) after iodine-131 therapy. Gibberd M, et al. *Lancet* 1:1048, 25 May 74
- Beta-blockade and partial thyroidectomy for thyrotoxicosis. Michie W, et al. *Lancet* 1:1009-11, 25 May 74
- Protein bound iodine—pre-treatment of sera. Stephens JR, et al. *Med Lab Technol* 30:291-2, Jul 73
- Effect of propranolol on various aspects of thyroid function in the rat. Azizi F, et al. *Metabolism* 23:525-9, Jun 74
- Endocrine manifestations of diphenylhydantoin therapy. Gharib H, et al. *Metabolism* 23:515-24, Jun 74
- Hyperthyroidism associated with pregnancy. Goluboff LG, et al. *Obstet Gynecol* 44:107-16, Jul 74
- [Existence of an important fraction on non-hormonal iodized proteins in the pbl of birds] Astler H. *C R Acad Sci [D] (Paris)* 276:793-6, 29 Jan 73 (Fre)
- [Editorial: New aspects of thyroid function exploration] Bellabarba D, et al. *Union Med Can* 103:641-2, Apr 74 (Fre)
- [Letter: Examination of thyroid function] Hesch RD. *Dtsch Med Wochenschr* 99:720-1, 5 Apr 74 (Ger)
- [Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to radiolodine therapy] Grebe SF. *Radiologie* 14:161-5, Apr 74 (Ger)
- [Effect of physical exercise on protein binding iodine (PBI) and triiodothyronine resin uptake (WZT-3) in man] Krawczyńska H, et al. *Endokrynol Pol* 25:117-31, Mar-Apr 74 (Eng. Abstr.) (Pol)
- [Thyroid function tests with radiolodine (I-131): normal values in Balxa Santista] Camargo EE. *Rev Assoc Med Bras* 20:85-6, Feb 74 (Eng. Abstr.) (Por)
- [Determinations of PBI and T3] Verreschi IN, et al. *Rev Paul Med* 82:129-32, Sep-Oct 73 (Eng. Abstr.) (Por)
- [Functions of the sympathetic-adrenal system in euthyroid endemic goiter patients] Zefanlov AS. *Klin Khir* 4:56-8, Apr 74 (Rus)
- [Thromboplastic properties of tissue extracts in experimental thyroxine intoxication] Khubetsova RD, et al. *Probl Endokrinol (Mosk)* 20:87-90, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Effect of thyroid hormones and thyrostatic agents on the content of seromucoids in the blood serum of rats] Kyz'mak NI. *Probl Endokrinol (Mosk)* 20:93-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Hormone-producing function of the thyroid gland and thyroxin-binding capacity of blood serum proteins in diabetes mellitus] Slavnov VN, et al. *Probl Endokrinol (Mosk)* 20:13-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

THYROXINE-BINDING PROTEIN

- A simplified and rapid direct method for the determination of triiodothyronine in human serum. Vasillades J, et al. *Ala J Med Sci* 10:439-44, Oct 73
- Effect of propranolol on various aspects of thyroid

- function in the rat. Azizi F, et al. *Metabolism* 23:525-9, Jun 74
- Effect of estrogen on serum total and free thyroxine and triiodothyronine in a thyroxine-binding globulin deficient family. Sakurada T, et al. *Tohoku J Exp Med* 112:35-46, Jan 74
- [Plasmapheresis in the treatment of thyrotoxic crisis (author's transl)] Herrmann J, et al. *Dtsch Med Wochenschr* 99:888-92, 26 Apr 74 (Eng. Abstr.) (Ger)
- [Determination of thyroid hormone-induced metabolic conditions using the T4 and T3 tests with reference to radiolodine therapy] Grebe SF. *Radiologie* 14:161-5, Apr 74 (Ger)

ANALYSIS

- Novel behaviors in an extreme environment. Popkin MK, et al. *Am J Psychiatry* 131:651-4, Jun 74
- Triiodothyronine radioimmunoassay: a study of the interactions of T3 with anti-T3 antisera and with thyroxine binding globulin in the presence of ANS (ammonium-8-anilino naphthalene-1-sulfonate). Malkus H, et al. *Clin Chim Acta* 51:191-8, 15 Mar 74
- Effect of different percentages of protein intake on thyroid activity, protein bound iodine, total thyroxine and free thyroxine level of blood of rats. Deb C, et al. *Endokrinologie* 62:321-6, 1973
- Effect of synthetic salmon calcitonin on iodine metabolism in rabbits. Lupulescu A, et al. *Proc Soc Exp Biol Med* 146:56-8, May 74
- [Thyroid function tests with radiolodine (I-131): normal values in Balxa Santista] Camargo EE. *Rev Assoc Med Bras* 20:85-6, Feb 74 (Eng. Abstr.) (Por)
- [Hormone-producing function of the thyroid gland and thyroxin-binding capacity of blood serum proteins in diabetes mellitus] Slavnov VN, et al. *Probl Endokrinol (Mosk)* 20:13-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Plasma TSH and circulating thyroid hormone (T3 and T4) levels in patients with goiter and endemic cretinism] Medeiros Neto GA de, et al. *Rev Assoc Med Bras* 20:7-12, Jan 74 (Eng. Abstr.) (Spa)

BLOOD

- Relative rates of transcapillary movement of free thyroxine, protein-bound thyroxine, thyroxine-binding proteins, and albumin. Irvine CH, et al. *J Clin Invest* 54:156-64, Jul 74

METABOLISM

- A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74
- A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74 (17 ref.)
- Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74
- Thyroxine-binding globulin in infant protein-calorie malnutrition. Ingenbleek Y, et al. *J Clin Endocrinol Metab* 39:178-80, Jul 74
- Kinetics of thyroxine and triiodothyronine in a case of thyroxine-binding globulin deficiency with hypothyroidism. Sakurada T, et al. *Tohoku J Exp Med* 112:133-40, Feb 74
- [The binding of labelled thyroxine on protein of estrogenized rat adenohipophysis in vitro: kinetics of displacement by stable thyroxine (author's transl)] Schreiber V, et al. *Sb Lek* 74:257-62, Sep 72 (Eng. Abstr.) (Cse)

ADRENAL

I. Physical and Functional Aspects

ADRENAL GLANDS

- Riboflavin and adrenal cortex.
Nutr Rev 31:95-6, Mar 73 (6 ref.)
 Protein binding of 3',5'-adenosine cyclic
 monophosphate acid. Mato JM, et al.
Rev Esp Fisiol 29:233-8, Sept 73
 [So-called organ hematocrit] Seleznev SA, et al.
Patol Fiziol Eksp Ter 10:87-90, May 74 (24 ref.) (Rus)

ABNORMALITIES

- Letter: Congenital adrenal hypoplasia. Szalay GC.
Obstet Gynecol 43:924, Jun 74

ANALYSIS

- Phosphorylation in vitro of adrenal subcellular
 proteins by
 adenosine-3',5'-monophosphate-dependent protein
 kinase: effect of ACTH in vivo. Ichii S, et al.
Acta Endocrinol (Kbh) 75:325-32, Feb 74
 Simultaneous estimation of pregnenolone,
 17-hydroxypregnenolone and
 dehydroepiandrosterone by gas-liquid
 radiochromatography. Nice E, et al.
Anal Biochem 59:399-406, Jun 74
 An immunochemical study of the induction of tyrosine
 hydroxylase in rat adrenal glands. Hoeldtke R, et al.
Biochem Biophys Res Commun 57:1045-53, 23 Apr 74
 Proceedings: The effect of reduced blood flow to the
 adrenal on corticosteroid secretion and the
 electrolyte content of the gland. Clarke D, et al.
Br J Surg 61:331, Apr 74
 Daily fluctuations in adrenal catecholamine
 concentration. Dunn JD, et al.
Experientia 30:348-9, 15 Apr 74
 Proceedings: Pituitary-adrenocortical function in the
 reserpine-treated rat. Hodges JR, et al.
J Endocrinol 61:xxvi, Apr 74
 Distribution of histamine in adrenal gland. Endo Y, et
 al. *Jap J Pharmacol* 24:171-3, Feb 74
 Influence of sex and age on the cortisol content of
 peripheral tissues and adrenal glands in the
 guinea-pig. Fazekas AT, et al.
N Engl J Med 291:273-6, 11 Jun 74
 Proceedings: Relationships between intracellular
 potassium and steroidogenesis in isolated adrenal
 capsular cells. Mendelsohn FA, et al.
N Engl J Med 291:xxvi, 11 Jun 74
 [Organ porphyrins in 2 different forms of porphyria]
 Zawiraka B.
Acta Haematol Pol 5:127-31, Apr-Jun 74 (Eng. Abstr.)
 (Pol)
 [Quantitative determination of the luminescence of
 norepinephrine in paraganglia] Smitten NA, et al.
Dokl Akad Nauk SSSR 215:234-6, 1 Mar 74 (Rus)
 [Effect of a physical load of varying duration on the
 function of the hypothalamo-hypophyseal-adrenal
 system in rats] Karaulova LK.
Fiziol Zh SSSR 59:1322-5, Sep 73 (Eng. Abstr.) (Rus)
 [Characteristics of the autonomic regulation of the
 heart in rabbits following unilateral vagotomy]
 Khitrov NK, et al.
Fiziol Zh SSSR 59:1225-30, Aug 73 (Eng. Abstr.) (Rus)
 [Effect of diethyldithiocarbamate on the monoamine
 oxidase activity and catecholamine and serotonin
 content in the tissues of guinea pigs administered
 ascorbic acid] Lokoshko EA.

Ukr Biokhim Zh 45:698-701, Nov-Dec 73 (Eng. Abstr.)
 (Ukr)

ANATOMY & HISTOLOGY

- Effects of hypophysectomy with or without ACTH
 maintenance therapy on the final steps of aldosterone
 biosynthesis in the rat. Baumann K, et al.
Acta Endocrinol (Kbh) 76:102-16, May 74
 Catecholamine content and histology of the adrenal
 glands of the nutria (*Myocastor coypus*). Katomaki
 PA, et al.
Comp Biochem Physiol [A] 48:539-46, 1 Jul 74
 Pituitary-pineal-endocrine relationships in Japanese
 quail. Oishi T, et al. *Endocrinology* 94:1735-8, Jun 74
 Pineal control of photo-endocrine responses in growing
 Japanese quail. Oishi T, et al.
Endocrinology 94:1731-4, Jun 74
 The effect of morphine on pituitary-thyroid function in
 the rat. Bakke JL, et al.
Eur J Pharmacol 25:402-6, Mar 74
 Secretory and mitotic response of the male rat
 pituitary gland to repeated doses of oestrogen. Lloyd
 HM, et al. *Int J Cancer* 11:90-4, 15 Jan 73
 The relationship between the changes in the interrenal,
 gonadal and thyroidal tissue of the air breathing fish,
Heteropneustes fossilis (Bloch) at different periods
 of the breeding cycle. Singh BR, et al.
J Endocrinol 61:309-16, Jun 74
 Effect of morphinization on in vitro incorporation of
 labelled precursors into adrenal protein and nucleic
 acids in rats. Kuwamura T, et al.
Jap J Pharmacol 24:89-95, Feb 74
 Effects of light environment on emotionality and
 endocrine system of inbred mice. Mos L, et al.
Physiol Behav 12:981-9, Jun 74
 Food deprivation effects on some estrogen-sensitive
 responses in female rats. Rosen EF, et al.
Physiol Behav 12:767-70, May 74
 Some effects of DDT, toxaphene and polychlorinated
 biphenyl on thyroid function in Bobwhite quail. Hurst
 JG, et al. *Poult Sci* 53:125-33, Jan 74
 [Retroperitoneal fibrosis. Collective review and
 differential diagnosis] Hardy JC.
Acta Urol Belg 42:113-276, Apr 74 (423 ref.) (Eng.
 Abstr.) (Fre)

BLOOD SUPPLY

- Proceedings: The effect of reduced blood flow to the
 adrenal on corticosteroid secretion and the
 electrolyte content of the gland. Clarke D, et al.
Br J Surg 61:331, Apr 74
 Secretion of 16alpha-hydroxyprogesterone and other
 steroids by the adult human adrenal. Ramseyer J, et
 al. *J Clin Endocrinol Metab* 39:102-7, Jul 74
 Ultrastructural pathology of the adrenal cortex.
 Tannebaum M. *Pathol Annu* 8:109-56, 1973
 The nature of the venous systems in the adrenal gland.
 Dempster WJ. *Tohoku J Exp Med* 112:63-77, Jan 74
 Tissue microvenography of the adrenal in cirrhosis
 with portal hypertension. Sasano N, et al.
Tohoku J Exp Med 112:197-203, Mar 74
 Calcification in benign adrenal adenoma. Paster SB, et
 al. *Urology* 3:646-8, May 74

CYTOLOGY

- Microsomal electron transport. II. Reduced
 nicotinamide adenine dinucleotide-cytochrome b5

- reductase and cytochrome P-450 as electron carriers in microsomal NADH-peroxidase activity. Hryciay EG, et al. *Arch Biochem Biophys* 160:230-45, Jan 74
- Phospholipids of adrenal cortex mitochondria and the steroid hydroxylases: the lipid-environment of cytochrome P-450. Wang HP, et al. *Biochem Biophys Res Commun* 57:93-9, 15 Mar 74
- Cholesterol and cholesterol sulfate as substrates for the adrenal side-chain cleavage enzyme. Hochberg RB, et al. *Biochemistry* 13:1938-45, 23 Apr 74
- Catecholamine content and histology of the adrenal glands of the nutria (*Myocastor coypus*). Katomski PA, et al.
- Comp Biochem Physiol [A]* 48:539-46, 1 Jul 74
- The conversion of cortisol to 11beta-hydroxyandrostenedione by beef adrenal tissue. Hudson RW, et al.
- Endocrinology* 95:38-47, Jul 74
- Spectral properties of rat adrenal-mitochondrial cytochrome P-450. Jefcoate CR, et al.
- Eur J Biochem* 42:539-51, 1 Mar 74
- Subcellular localisation of adrenal cholesterol by autoradiography and digitonin reaction after aminogluthethimide-induced inhibition of corticosterone synthesis. Szabó D, et al.
- Histochemie* 38:213-21, 6 Mar 74
- Effect of 11-deoxycorticosterone on cholesterol side-chain cleavage by adrenal cortex mitochondria. Wickramasinghe RH. *Horm Metab Res* 6:241-2, May 74
- Proceedings: Studies of the "whorled body" in the adrenocortical cell. Nakamura M, et al.
- Jap J Pharmacol* 24:Suppl:126, 1974
- The stoichiometry of the conversion of cholesterol and hydroxycholesterols to pregnenolone (3beta-hydroxypregn-5-en-20-one) catalysed by adrenal cytochrome P-450. Shikita M, et al.
- Proc Natl Acad Sci USA* 71:1441-5, Apr 74
- Synthesis and study of the labeling of pregnenolone and progesterone specifically tritiated at the 17 position. Kremers P, et al. *Steroids* 23:603-13, Apr 74
- [Tissue kinetics study using trypan blue] Schmidt W, et al.
- Acta Anat (Basel)* 87:447-60, 1974 (Eng. Abstr.) (Ger)
- [Dynamics of periodic changes in the dimensions of adrenal cortex cell nucleoli in suiliks in the early stages of hibernation] Kolaeva SG, et al.
- Dokl Akad Nauk SSSR* 216:199-201, 1 May 74 (Rus)

DRUG EFFECTS

- Effects of hypophysectomy with or without ACTH maintenance therapy on the final steps of aldosterone biosynthesis in the rat. Baumann K, et al.
- Acta Endocrinol (Kbh)* 76:102-16, May 74
- Hypercorticism in rabbits immunized against corticosteroids. Glass KH, et al.
- Acta Endocrinol (Kbh)* 75:342-9, Feb 74
- Effects of adrenalin on insulin-induced release of growth hormone and cortisol in man. Müller-Hess R, et al. *Acta Endocrinol (Kbh)* 75:260-73, Feb 74
- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al.
- Acta Endocrinol (Kbh)* 76:558-69, Jul 74
- Biological activity of synthetic human corticotropin with revised amino acid sequence. Schenkel-Hulliger L, et al. *Acta Endocrinol (Kbh)* 75:24-32, Jan 74
- Emerson studies on growth hormone effects in the Norway rat. Emerson GM.
- Acta J Med Sci* 10:410-8, Oct 73
- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al.
- Am J Obstet Gynecol* 119:283-96, 1 Jun 74
- Ultrastructure and function of the mesenchyme of the rat adrenal cortex. Mäusle E.
- Beitr Pathol* 151:344-60, Apr 74
- Histological, histochemical and electron microscopic studies on effects of diphtheria toxin on the adrenals of guinea pigs. Mäusle E.
- Beitr Pathol* 151:248-67, Mar 74
- Dual role of calcium in steroidogenesis in the isolated adrenal cell of rat. Bowyer F, et al.
- Biochem Biophys Res Commun* 57:100-5, 15 Mar 74
- A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al.
- Biochem Biophys Res Commun* 58:983-9, 18 Jun 74
- Studies on cyclic nucleotides in the adrenal gland. 3.

- Properties of cyclic AMP- and GMP-dependent protein kinases in the adrenal gland. Shima S, et al.
- Biochim Biophys Acta* 341:56-64, 21 Mar 74
- Effect of "medical" and surgical adrenalectomy on the ventral prostate and other accessory sex glands of the male rat. Mobbs BG, et al. *Can J Surg* 17:162-6, May 74
- The different effect of thyroidectomy, KClO₄ and propylthiouracil on insulin secretion and glucose uptake in the rat. Jolán T, et al.
- Endocrinology* 94:1502-7, Jun 74
- Spectral properties of rat adrenal-mitochondrial cytochrome P-450. Jefcoate CR, et al.
- Eur J Biochem* 42:539-51, 1 Mar 74
- The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al.
- Eur J Pharmacol* 25:402-6, Mar 74
- The effect of chronically administered cannabis extract on the testicular function of mice. Dixit VP, et al. *Eur J Pharmacol* 26:111-4, Apr 74
- Effect of monosodium glutamate on the endocrine glands and on the reproductive function of the rat. Trentini GP, et al. *Fertil Steril* 25:478-83, Jun 74
- Subcellular localisation of adrenal cholesterol by autoradiography and digitonin reaction after aminogluthethimide-induced inhibition of corticosterone synthesis. Szabó D, et al.
- Histochemie* 38:213-21, 6 Mar 74
- The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al.
- Horm Res* 5:173-81, 1974
- Effect of feeding excess of vitamin A and vitamin C on liver, plasma and adrenal lipids of rats. Mathur AK, et al. *Int J Vitam Nutr Res* 44:19-25, 1974
- Electrolyte and fluid appetite and balance in male guinea-pigs: effects of stilboestrol treatment and renal function tests. Middleton E, et al.
- J Endocrinol* 61:381-99, Jun 74
- Effects of grouping on sexual receptivity in female hamsters. Lisk RD, et al. *J Exp Zool* 189:1-6, Jul 74
- Inhibition of carcinogenic and toxic effects of polycyclic hydrocarbons by several sulfur-containing compounds. Wattenberg LW.
- J Natl Cancer Inst* 52:1583-7, May 74
- The effect of hypophysial hormones and human chorionic gonadotrophin (HCG) on the anencephalic fetal adrenal cortex and on parturition in the human. Honnebler WJ, et al.
- J Obstet Gynaecol Br Commonw* 81:423-38, Jun 74
- Adrenal response in pregnancy to long-acting tetracosactrin. Johnstone FD, et al.
- J Obstet Gynaecol Br Commonw* 81:363-7, May 74
- Effects of dimethyl sulfoxide and trimethylphosphine oxide on percutaneous absorption of corticosteroids in the rat. Cramer MB, et al.
- J Pharm Sci* 63:793-4, May 74
- Effect of morphinization on in vitro incorporation of labelled precursors into adrenal protein and nucleic acids in rats. Kuwamura T, et al.
- Jap J Pharmacol* 24:89-95, Feb 74
- Proceedings: Studies of the "whorled body" in the adrenocortical cell. Nakamura M, et al.
- Jap J Pharmacol* 24:Suppl:126, 1974
- Proceedings: Acute morphine tolerance and physical dependence in rats. 4. Electron microscopic observations of the adrenal cortex in acute morphine tolerant rats. Yano I, et al.
- Jap J Pharmacol* 24:Suppl:121, 1974
- Letter: Intravenous aminophylline. Atuk NO.
- Lancet* 1:1056, 25 May 74
- Increase in tissue concentration of acetylcholine in guinea pigs in vivo induced by administration of choline. Haubrich DR, et al. *Life Sci* 14:921-7, 1 Mar 74
- Endocrine manifestations of diphenylhydantoin therapy. Gharib H, et al. *Metabolism* 23:515-24, Jun 74
- Proceedings: Effect of angiotensin II on cyclic AMP and corticosterone output by purified zona glomerulosa and zona fasciculata cells of the rat adrenal cortex. Albano JD, et al.
- N Engl J Med* 291:73, 11 Jun 74
- Proceedings: Studies on the effects of cyproterone acetate administered in adulthood or in early life on subsequent endocrine function and agonistic behavior in male albino laboratory mice. Brain PF, et al.
- N Engl J Med* 291:xliv, 11 Jun 74
- Proceedings: Adrenal function, oestrogen and the control of parturition in the guinea-pig. Donovan BT, et al. *N Engl J Med* 291:xxlix-xxli, 11 Jun 74
- Proceedings: Functional and morphological changes

ADRENAL GLANDS

ADRENAL

- occurring in rat adrenal zona glomerulosa cells in monolayer culture. Hornsby PJ, et al.
N Engl J Med 291:87-8, 11 Jun 74
- Proceedings: Relationships between intracellular potassium and steroidogenesis in isolated adrenal capsular cells. Mendelsohn FA, et al.
N Engl J Med 291:xxxvi, 11 Jun 74
- Some effects of DDT, toxaphene and polychlorinated biphenyl on thyroid function in Bobwhite quail. Hurst JG, et al. *Poult Sci* 53:125-33, Jan 74
- Adrenocortical mediation of the effects of early life experiences. Ader R, et al.
Frog Brain Res 39:395-406, 1973 (37 ref.)
- Pituitary-adrenal activation and related responses to delta-tetrahydrocannabinol. Barry H 3d, et al.
Frog Brain Res 39:323-30, 1973
- The effect of minor tranquilizers on stress-induced increases in rat plasma corticosteroids. Lahti RA, et al. *Psychopharmacologia* 35:215-20, 27 Feb 74
- The biological profile of a new synthetic progestagen--GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74
- The ACTH-enhanced conversion of 11 β -hydroxyprogesterone to corticosterone in the adrenal glands of fetal rhesus monkeys (Macaca mulatta). Kittinger GW. *Steroids* 23:639-50, May 74
- The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al. *Steroids* 23:443-54, Mar 74
- Transvenous adrenal destruction: clinical trials in patients with metastatic malignancy. Zimmerman CE, et al. *Surgery* 75:550-6, Apr 74
- [The effect of beclomethasone dipropionate aerosol on suprarenal cortical function of normal individuals] Mygind N.
Ugeskr Laeger 136:1185-7, 27 May 74 (Eng. Abstr.) (Dan)
- [Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hannemann HR.
Med Klin 69:513-24, 29 Mar 74 (136 ref.) (Ger)
- [Clinical picture of rheumatic diseases. Current position of gold therapy] Meyer W.
Verh Dtsch Ges Rheumatol 3:260-8, 1974 (Eng. Abstr.) (Ger)
- [Quantitative determination of the luminescence of norepinephrine in paraganglia] Smitten NA, et al.
Dokl Akad Nauk SSSR 215:234-6, 1 Mar 74 (Rus)
- [Cardiovascular effects of glucagon] Liakishev AA, et al. *Kardiologia* 12:128-36, Jul 72 (Rus)
- [Effect of aminazine and phenamine on experimental stress] Neshev G.
Patol Fiziol Eksp Ter 14:42-6, Sep-Oct 74 (Eng. Abstr.) (Rus)
- [Functional activity of the hypothalamus-pituitary gland-adrenal cortex system in dogs after prolonged administration of dexamethasone] Razina LG, et al. *Probl Endokrinol (Mosk)* 20:101-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Possible participation of hypothalamus of a pregnant rat in the reaction of fetuses to stress] Skebel'skaia IuB.
Probl Endokrinol (Mosk) 20:62-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Effect of 6-methylthiouracil and cholesterol on corticosteroid biosynthesis in the adrenal glands of dogs] Tselomik VA.
Probl Endokrinol (Mosk) 20:84-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- Paradoxical response to dexamethasone. A contribution to the differential diagnosis of adrenal hyperfunction? Serrera Contreras JL, et al.
Rev Iber Endocrinol 21:127-48, Mar-Apr 74 (Eng. Abstr.) (Spa)
- [Effect of DOPA and metopirone on the monamine oxidase activity and catecholamine and ascorbic acid content in guinea pig tissues] Lokoshko EA.
Ukr Biokhim Zh 46:384-8, May-Jun 74 (Eng. Abstr.) (Ukr)

EMBRYOLOGY

- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al.
Am J Obstet Gynecol 119:283-96, 1 Jun 74
- Proceedings: A correlated biochemical and morphological study of the development of adrenocorticotrophin-sensitive adenylate cyclase

- activity in foetal rabbit adrenals. Albano JD, et al.
N Engl J Med 291:73-4, 11 Jun 74
- Ultrastructural pathology of the adrenal cortex. Tannebaum M. *Pathol Annu* 8:109-56, 1973

ENZYMOLGY

- Inhibition by phenothiazines of adenylate cyclase in adrenal and brain tissue. Free CA, et al.
Adv Biochem Psychopharmacol 9:739-48, 1974
- A microassay for guanosine 3',5'-monophosphate phosphodiesterase activity. Fertel R, et al.
Anal Biochem 59:386-98, Jun 74
- Microsomal electron transport. II. Reduced nicotinamide adenine dinucleotide-cytochrome b5 reductase and cytochrome P-450 as electron carriers in microsomal NADH-peroxidase activity. Hrycay EG, et al. *Arch Biochem Biophys* 160:230-45, Jan 74
- Histological, histochemical and electron microscopic studies on effects of diphtheria toxin on the adrenals of guinea pigs. Mäusle E.
Beitr Pathol 151:248-67, Mar 74
- The interaction of dopamine-beta-hydroxylase with concanavalin A and its use in enzyme purification. Rush RA, et al.
Biochem Biophys Res Commun 57:1301-5, 23 Apr 74
- Phospholipids of adrenal cortex mitochondria and the steroid hydroxylases: the lipid-environment of cytochrome P-450. Wang HP, et al.
Biochem Biophys Res Commun 57:93-9, 15 Mar 74
- Cholesterol and cholesterol sulfate as substrates for the adrenal side-chain cleavage enzyme. Hochberg RB, et al. *Biochemistry* 13:1938-45, 23 Apr 74
- Redox properties of the reduced nicotinamide adenine dinucleotide phosphate-cytochrome P-450 and reduced nicotinamide adenine dinucleotide-cytochrome b5 reductases. Iyanagi T, et al. *Biochemistry* 13:1701-10, 9 Apr 74
- Molecular weight and subunit structure of bovine adrenal glucose-6-phosphate dehydrogenase. Singh D, et al. *Biochemistry* 13:1819-25, 23 Apr 74
- Studies on cyclic nucleotides in the adrenal gland. 3. Properties of cyclic AMP- and GMP-dependent protein kinases in the adrenal gland. Shima S, et al. *Biochim Biophys Acta* 341:56-64, 21 Mar 74
- Cyclic 3',5'-nucleotide phosphodiesterase. Distribution and developmental changes of the enzyme and its protein activator in mammalian tissues and cells. Smoake JA, et al.
Biochim Biophys Acta 341:402-11, 25 Apr 74
- The cytochemical bioassay of corticotrophin. Daly JR, et al. *Clin Endocrinol (Oxf)* 3:311-8, Jul 74
- The conversion of cortisol to 11 β -hydroxyandrostenedione by beef adrenal tissue. Hudson RW, et al.
Endocrinology 95:38-47, Jul 74
- Spectral properties of rat adrenal-mitochondrial cytochrome P-450. Jefcoate CR, et al.
Eur J Biochem 42:539-51, 1 Mar 74
- Influence of methamphetamine and neuroleptic drugs on tyrosine hydroxylase activity. Buening MK, et al.
Eur J Pharmacol 26:30-4, Apr 74
- The effect of long-term oral treatment of rats with contraceptive steroids on tissue MAO. Marchi M, et al.
Eur J Pharmacol 25:407-10, Mar 74
- Phenylethanolamine-N-methyl transferase activity in the avian adrenal following immobilization or adrenocorticotrophin. Zachariassen RD, et al.
Gen Comp Endocrinol 23:193-8, Jun 74
- Effect of 11-deoxycorticosterone on cholesterol sidechain cleavage by adrenal cortex mitochondria. Wickramasinghe RH. *Horm Metab Res* 6:241-2, May 74
- Mitochondrial cytochrome p450. A component of chick kidney 25-hydrocholecalciferol-1 α -hydroxylase. Ghazarian JG, et al. *J Clin Invest* 53:3026-33, Jun 74
- Enzymatic isotopic assay for and presence of beta-phenylethylamine in brain. Saavedra JM.
J Neurochem 22:211-6, Feb 74
- Proceedings: Studies on cyclic nucleotides in the adrenal gland. V. Adenyl and guanyl cyclase activities in the cortex and medulla of the adrenal gland. Shima S, et al. *Jap J Pharmacol* 24:Suppl:46, 1974
- Cyclic nucleotide phosphodiesterase activity in rat adrenal gland zones. Gallant S, et al.
Life Sci 14:937-44, 1 Mar 74
- Proceedings: A correlated biochemical and morphological study of the development of adrenocorticotrophin-sensitive adenylate cyclase activity in foetal rabbit adrenals. Albano JD, et al.
N Engl J Med 291:73-4, 11 Jun 74

- Induction of adrenal tyrosine hydroxylase in organ culture. Silberstein SD, et al.
Neuropharmacology 11:721-6, Sep 72
- Neonatal 6-hydroxydopamine sympathectomy in normotensive and spontaneously hypertensive rat. Pappas BA, et al.
Pharmacol Biochem Behav 2:381-6, May 74
- The stoichiometry of the conversion of cholesterol and hydroxycholesterols to pregnenolone (3 β -hydroxypregn-5-en-20-one) catalysed by adrenal cytochrome P-450. Shikita M, et al.
Proc Natl Acad Sci USA 71:1441-5, Apr 74
- Dopamine-beta-hydroxylase: a tetrameric glycoprotein. Wallace EF, et al.
Proc Natl Acad Sci USA 70:2253-5, Aug 73
- The influence of progesterone on adrenocortical function in the rat. Rodier WI 3d, et al.
Proc Soc Exp Biol Med 146:376-80, Jun 74
- [The reaction of the adrenal cortex to formalin stress in intact and castrated rodents] Sokolov VI.
Zh Evol Biokhim Fiziol 10:171-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [The glucose-6-phosphate dehydrogenase isoenzyme spectrum of subcellular organ fractions from rabbits with endogenous and exogenous hypercorticism] Gula NM, et al.
Ukr Biokhim Zh 46:227-31, Mar-Apr 74 (Eng. Abstr.) (Ukr)

GROWTH & DEVELOPMENT

- Catecholamine content and histology of the adrenal glands of the nutria (*Myocastor coypus*). Katomski PA, et al.
Comp Biochem Physiol [A] 48:539-46, 1 Jul 74

IMMUNOLOGY

- Addison's disease--serological studies. Nerup J.
Acta Endocrinol (Kbh) 76:142-58, May 74
- [Idiopathic Addison's disease] Demura H.
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)

INNERVATION

- [Findings on the innervation of adrenal gland in birds] Unsicker K.
Verh Anat Ges 67:225-8, 1972 (Eng. Abstr.) (Ger)

METABOLISM

- Adrenal contribution to plasma oestrogens in adrenal disorders. Yuen BH, et al.
Acta Endocrinol (Kbh) 76:117-26, May 74
- Lack of a direct influence of sodium on aldosterone production in the rat adrenal in vitro. Debrecenti L, et al.
Acta Physiol Acad Sci Hung 43:247-51, 1973
- In vitro aldosterone production: effect of ethacrynic acid, chlorpromazine and veratrine. Szalay KS.
Acta Physiol Acad Sci Hung 43:275-9, 1973
- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al.
Am J Obstet Gynecol 119:283-96, 1 Jun 74
- Mode of cholesterol accumulation in various tissues of rabbits with prolonged exposure to various serum cholesterol levels. Ho KJ, et al.
Atherosclerosis 19:561-6, May-Jun 74
- Dual role of calcium in steroidogenesis in the isolated adrenal cell of rat. Bowyer F, et al.
Biochem Biophys Res Commun 57:100-5, 15 Mar 74
- Specific binding sites for 125I-nerve growth factor in peripheral tissues and brain. Frazier WA, et al.
Biochem Biophys Res Commun 57:1096-103, 23 Apr 74
- A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al.
Biochem Biophys Res Commun 58:983-9, 18 Jun 74
- The pharmacodynamics of depression and its relation to therapy. Lewis DO.
Br J Clin Pract 28:21-7, Jan 74 (55 ref.)
- The cytochemical section assay for corticotrophin. Alaghband-Zadeh J, et al.
Clin Endocrinol (Oxf) 3:319-27, Jul 74
- Validation of the redox cytochemical assay for corticotrophin. Holdaway IM, et al.
Clin Endocrinol (Oxf) 3:329-34, Jul 74
- Catecholamine content and histology of the adrenal glands of the nutria (*Myocastor coypus*). Katomski

- PA, et al.
Comp Biochem Physiol [A] 48:539-46, 1 Jul 74
- Seasonal changes in phenylethanolamine-N-methyl transferase and monoamine oxidase activity in the ground squirrel (*Citellus citellus*). Petrović VM, et al.
Comp Biochem Physiol [A] 48:127-31, 1 May 74
- The conversion of cortisol to 11 β -hydroxyandrostenedione by beef adrenal tissue. Hudson RW, et al.
Endocrinology 95:38-47, Jul 74
- Influence of L-ascorbate on the contents of cytochromes P-450 and b5 in several organs of guinea pigs. Degkwitz E, et al.
Enzyme 16:237-45, 1973
- Adrenodoxin, ferredoxins and other iron-sulphur (nonheme-iron) proteins. I. Wickramasinghe RH, et al.
Enzyme 17:210-26, 1974
- Phenylethanolamine-N-methyl transferase activity in the avian adrenal following immobilization or adrenocorticotrophin. Zachariassen RD, et al.
Gen Comp Endocrinol 23:193-8, Jun 74
- Subcellular localisation of adrenal cholesterol by autoradiography and digitonin reaction after aminogluthethimide-induced inhibition of corticosterone synthesis. Szabó D, et al.
Histochemie 38:213-21, 6 Mar 74
- Effect of feeding excess of vitamin A and vitamin C on liver, plasma and adrenal lipids of rats. Mathur AK, et al.
Int J Vitam Nutr Res 44:19-25, 1974
- Effects of inhibition of steroid biosynthesis on the lymphoid system. Morales A, et al.
Invest Urol 12:54-6, Jul 74
- Ultrastructure, steroidogenic potential, and energy metabolism of the Snell adrenocortical carcinoma 494. A comparison with normal adrenocortical tissue. Kimmel GL, et al.
J Cell Biol 62:152-63, Jul 74
- Human adrenal tissue in vitro: steroidogenic properties. Pearlmutter AF, et al.
J Clin Endocrinol Metab 39:150-3, Jul 74
- Photoaffinity labeling with cyclic nucleotides. Antonoff RS, et al.
J Clin Invest 53:3319-21, Jun 74
- Effects of ethanol on central and peripheral noradrenergic neurons. Pohorecky LA.
J Pharmacol Exp Ther 189:380-91, May 74
- Proceedings: Cell proliferation in the adrenal cortex of the fetus of spontaneously hypertensive rat injected with tritiated thymidine. Taira Y, et al.
Jap Heart J 15:184, Mar 74
- Proceedings: Study on the corticoidogenesis regulation in the isolated mitochondria inner membrane. Kawamura M, et al.
Jap J Pharmacol 24:Suppl:125, 1974
- Effect of morphinization on in vitro incorporation of labelled precursors into adrenal protein and nucleic acids in rats. Kuwamura T, et al.
Jap J Pharmacol 24:89-95, Feb 74
- [Proceedings: Catecholamine release by ouabain from perfused adrenal glands of dogs. Nishikawa T, et al.
Jap J Pharmacol 24:Suppl:27, 1974
- Increase in tissue concentration of acetylcholine in guinea pigs in vivo induced by administration of choline. Haubrich DR, et al.
Life Sci 14:921-7, 1 Mar 74
- Proceedings: Effect of angiotensin II on cyclic AMP and corticosterone output by purified zona glomerulosa and zona fasciculata cells of the rat adrenal cortex. Albano JD, et al.
N Engl J Med 291:73, 11 Jun 74
- Proceedings: Functional and morphological changes occurring in rat adrenal zona glomerulosa cells in monolayer culture. Hornsby PJ, et al.
N Engl J Med 291:67-8, 11 Jun 74
- Binding of luteinizing hormone and human chorionic gonadotrophin to ovarian cells and activation of adenylate cyclase. Koch Y, et al.
N Engl J Med 291:179-91, 11 Jun 74
- Proceedings: Characterization of adrenocortical cell receptors for adrenocorticotrophin. McIlhinney RA, et al.
N Engl J Med 291:58-9, 11 Jun 74
- Proceedings: Relationships between intracellular potassium and steroidogenesis in isolated adrenal capsular cells. Mendelsohn FA, et al.
N Engl J Med 291:xxvi, 11 Jun 74
- Proceedings: Functional affinities of the non-zoned adrenocortical tissue of the skink *Tiliqua rugosa* with the zone glomerulosa of the rat adrenal. Vinson GP, et al.
N Engl J Med 291:lxv-lxvii, 11 Jun 74
- The effect of atropine on the levels of adrenaline and noradrenaline changed by acute poisoning with diazepam in rats. Brzeziński J.
Pol J Pharmacol Pharm 25:611-5, Nov-Dec 73
- Pituitary-adrenal function in adult androgenized

- female rats. Dunn JD.
Proc Soc Exp Biol Med 148:75-7, May 74
- Cation dependence of high-affinity angiotensin II binding to adrenal cortex receptors. Glossmann H, et al. Science 185:281-3, 19 Jul 74
- The ACTH-enhanced conversion of 118-hydroxyprogesterone to corticosterone in the adrenal glands of fetal rhesus monkeys (Macaca mulatta). Kittinger GW. Steroids 23:639-50, May 74
- Synthesis and study of the labelling of pregnenolone and progesterone specifically tritiated at the 17 position. Kremers P, et al. Steroids 23:603-13, Apr 74
- The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al. Steroids 23:443-54, Mar 74
- Effect of corticosterone and cortisol on corticosteroidogenesis in isolated rat adrenal cells. Abe K, et al. Tohoku J Exp Med 112:195-6, Feb 74
- [General adaptation of piglets to the replacement of prestarters with various content of nitrogenous substances during weaning] Dvofák M, et al. Vet Med (Praha) 19:197-204, Apr 74 (Eng. Abstr.) (Cze)
- [Metabolism and tissue distribution of ephedrine 14C in the guinea pig] Jacquot C, et al. Arch Int Pharmacodyn Ther 207:298-309, Feb 74 (Eng. Abstr.) (Fre)
- [Adaptation mechanism in cerebral and cardiovascular regulation processes of albino rats exposed to increasing levels of physical training] Hecht K, et al. Acta Biol Med Ger 31:827-40, 1973 (Eng. Abstr.) (Ger)
- [Influence of hypokinesia and subsequent stress upon the rat plasma and adrenal corticosterone level (author's transl)] Hadjilova I. Int Arch Arbeitsmed 33:59-70, 12 Mar 74 (Eng. Abstr.) (Ger)
- [Relationship between the secretion of ACTH, GH and cortisol during insulin hypoglycemia test in the normal and obese child] Cacciari E, et al. Minerva Pediatr 26:401-8, 10 Mar 74 (Eng. Abstr.) (Ita)
- [Distribution and excretion of 3H-esclon] Koseki Y, et al. Folia Pharmacol Jap 69:869-80, Nov 73 (Eng. Abstr.) (Jap)
- [The role of ACTH in the regulation of cholesterol metabolism in the adrenal cortex] Malendowicz LK, et al. Endokrynol Pol 25:81-81, Mar-Apr 74 (Pol)
- [Several mechanisms of the effect of prednisolone on vascular permeability under conditions of ischemic myocardial necrosis] Gubarev EA. Farmakol Toksikol 26:428-9, Jul-Aug 73 (Eng. Abstr.) (Rus)
- [Possible participation of hypothalamus of a pregnant rat in the reaction of fetuses to stress] Skebel'skaia IuB. Probl Endokrinol (Mosk) 20:62-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Effect of 6-methylthiouracil and cholesterol on corticosteroid biosynthesis in the adrenal glands of dogs] Tsionik VA. Probl Endokrinol (Mosk) 20:84-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Identification of the hydroxylated derivatives of pregnenolone synthesized in the adrenal mitochondria of swine] Pivnitskii KK, et al. Vopr Med Khim 20:314-8, May 74 (Eng. Abstr.) (Rus)
- [The reaction of the adrenal cortex to formalin stress in intact and castrated rodents] Sokolov VI. Zh Evol Biokhim Fiziol 10:171-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Effect of DOPA and metopirone on the monoamine oxidase activity and catecholamine and ascorbic acid content in guinea pig tissues] Lokoshko EA. Ukr Biokhim Zh 46:384-8, May-Jun 74 (Eng. Abstr.) (Ukr)
- Functional black adenoma of the adrenal gland. Light and electron microscopical study. Bahu RM, et al. Arch Pathol 98:139-42, Aug 74
- Letter: Adrenal leukodystrophy. Tchertkoff V, et al. Arch Pathol 98:87-8, Jul 74
- PAS-bisulfite stain for diabetic angiodystrophy. Kedar I, et al. Beitr Pathol 151:322-6, Mar 74
- Ultrastructure and function of the mesenchyme of the rat adrenal cortex. Mäusle E. Beitr Pathol 151:344-60, Apr 74
- Histological, histochemical and electron microscopic studies on effects of diphtheria toxin on the adrenals of guinea pigs. Mäusle E. Beitr Pathol 151:248-67, Mar 74
- The effect of 1-(o-chlorophenyl)-1-(p-chlorophenyl)-2,2-dichloroethane(o,p'-DDD) on the immune response in malnutrition. Hamid J, et al. Br J Exp Pathol 55:94-100, Feb 74
- Familial aggregation in bilateral renal agenesis. Hack M, et al. Clin Genet 5:173-7, 1974
- Comparative effects of hypophysectomy, ergocornine and ergocornine-reserpine treatments on rat mammary carcinoma. Welsch CW, et al. Int J Cancer 12:208-12, 15 Jul 73
- Effects of inhibition of steroid biosynthesis on the lymphoid system. Morales A, et al. Invest Urol 12:54-6, Jul 74
- Malignant haemangioendothelioma involving the liver. Pollard SM, et al. J Clin Pathol 27:214-21, Mar 74
- Death in normal and neoplastic cells. Wyllie AH. J Clin Pathol [Suppl] 7:35-42, 1974 (41 ref.)
- Successful removal of adrenal remnant localized by 131-I-19-iodocholesterol. Herwig KR, et al. J Urol 111:713-4, Jun 74
- Proceedings: Cell proliferation in the adrenal cortex of the fetus of spontaneously hypertensive rat injected with tritiated thymidine. Taira Y, et al. Jap Heart J 15:184, Mar 74
- Proceedings: Acute morphine tolerance and physical dependence in rats. 4. Electron microscopic observations of the adrenal cortex in acute morphine tolerant rats. Yano I, et al. Jap J Pharmacol 24:Suppl:121, 1974
- Ultrastructural pathology of the adrenal cortex. Tannebaum M. Pathol Annu 8:109-56, 1973
- Pathological findings by the injection of contact product. Altman R, et al. Rev Bras Pesqui Med Biol 6:327-30, Nov-Dec 73
- Safety of intraaortic balloon pumping. II. Physical injury to aortic endothelium due to mechanical pump action. Schneider MD, et al. Thromb Res 4:399-415, Mar 74
- [Endocrine polyadenomatosis with acute hyperparathyroidism] Ventz M, et al. Z Aerzt Fortbild (Jena) 67:1238-42, 15 Dec 73 (Ger)
- [Haemostasis using GRF tissue adhesive in kidney resection in dogs and rats] Kellner R, et al. Morphol Igassagugyi Orv Sz 14:131-6, Apr 74 (Eng. Abstr.) (Hun)
- [Morphological changes in the internal organs following poisoning with Amanita phalloides] Wierciński J, et al. Patol Pol 25:107-16, Jan-Mar 74 (Eng. Abstr.) (Pol)
- [The reaction of the adrenal cortex to formalin stress in intact and castrated rodents] Sokolov VI. Zh Evol Biokhim Fiziol 10:171-5, Mar-Apr 74 (Eng. Abstr.) (Rus)

PHYSIOLOGY

- Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al. Acta Endocrinol (Kbh) 76:392-402, Jun 74
- Effect of cortisone treatment and adrenalectomy on 5-hydroxytryptophan decarboxylase and monoamine oxidase activity in mouse tissues. Went M, et al. Acta Physiol Acad Sci Hung 43:233-7, 1973
- Failure of adrenalectomy to influence the acute effect of FSH on ovarian metabolism. Nilsson L. Acta Physiol Scand 91:139-41, May 74
- Adrenocortical responses of the Apollo 17 crew members. Leach CS, et al. Aerosp Med 45:529-34, May 74
- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al. Am J Obstet Gynecol 119:283-96, 1 Jun 74
- Enhanced specificity of epinephrine binding by rat

MICROBIOLOGY

- The pathogenesis of pseudorabies in mice following peripheral inoculation. Field HJ, et al. J Gen Virol 23:145-57, May 74

PATHOLOGY

- Recurrence of benign pheochromocytoma by intraoperative implantation. Silvula A. Acta Chir Scand 140:334-9, 1974
- Interstitial pulmonary edema following bromocarbamide intoxication. Sugihara H, et al. Am J Pathol 75:457-72, Jun 74

- liver plasma membranes in the presence of EDTA. Lacombe ML, et al.
- Biochem Biophys Res Commun 58:667-73, 4 Jun 74
- Acidophilic activation of steroid hormone receptors. Milgrom E, et al. Biochemistry 12:5198-205, 4 Dec 73
- Effect of triamcinolone treatment, starvation and diabetes on rat liver protein kinase activity. Gorin E, et al. Biochim Biophys Acta 343:510-8, 24 May 74
- Influence of adrenalectomy upon rat erythrocyte Na⁺ and K⁺ content, Na⁺ efflux rate and Mg²⁺- and (Na⁺ plus K⁺)-Mg²⁺-ATPase activities. Radcliffe MA. Biochim Biophys Acta 339:303-10, 29 Mar 74
- The redox bioassay technique for the direct assessment of pituitary adrenocorticotrophic activity in the rat. Buckingham JC, et al.
- Clin Endocrinol (Oxf) 3:347-8, Jul 74
- Plasma corticotrophin levels during insulin-hypoglycaemia: comparison of radioimmunoassay and cytochemical bioassay. Fleisher MR, et al.
- Clin Endocrinol (Oxf) 3:203-8, Apr 74
- Melatonin and the endocrine role of the pineal organ. Cardinali DP. Curr Top Exp Endocrinol 2:107-23, 1974
- Effect of trauma on insulin response to glucose in thyroidectomized rats. Vigas M, et al.
- Endocrinol Exp (Bratisl) 8:147-51, Jun 74
- The different effect of thyroidectomy, KClO₄ and propylthiouracil on insulin secretion and glucose uptake in the rat. John T, et al.
- Endocrinology 94:1502-7, Jun 74
- Secretion of ACTH by isolated anterior pituitary cells: kinetics of stimulation of corticotropin-releasing factor and of inhibition by corticosterone. Sayers G, et al. Endocrinology 94:1723-30, Jun 74
- Adaptation of hepatic phenylalanine hydroxylase in the rat. Koller C, et al. Enzyme 17:155-9, 1974
- Effects of benzoquinolizine homologues on proliferative and exudative inflammation. De Cato L Jr, et al. Eur J Pharmacol 26:22-9, Apr 74
- Daily fluctuations in adrenal catecholamine concentration. Dunn JD, et al.
- Experientia 30:348-9, 15 Apr 74
- Septal lesions: effects on lordosis behavior and pattern of gonadotropin release. Nance DM, et al.
- Horm Behav 5:73-81, Mar 74
- Progesterone and the ovarian-adrenal modulation of energy balance in rats. Ross GE, et al.
- Horm Behav 5:43-62, Mar 74
- The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al.
- Horm Res 5:173-81, 1974
- Proceedings: The role of catecholamines in the regulation of crypt cell proliferation. 3.
- Adrenalectomy. Tutton PJ. J Anat 116:468, Dec 73
- Reciprocal influence of salt intake on adrenal glomerulosa and renal vascular responses to angiotensin II in normal man. Hollenberg NK, et al.
- J Clin Invest 54:34-42, Jul 74
- Endocrine interactions in regulation of body weight by female rats. Stern JJ, et al.
- J Comp Physiol Psychol 86:926-9, May 74
- Calcium-binding properties and ATPase activities of rat liver plasma membranes. Chambaut AM, et al.
- J Gen Physiol 64:104-26, Jul 74
- The transcellular fluid forming factor and renin in the kidney of hypertensive or salt-loaded rats. Hiramatsu Y, et al. Jap Circ J 37:1433-7, Dec 73
- Proceedings: Effects of removal of endocrine organs on spontaneous and renal hypertension in rats. Ebihara A. Jap Heart J 15:182-3, Mar 74
- Proceedings: Further investigations on the effects of adrenalectomy and pituitary-adrenocortical hormone treatments on isolation-induced fighting behaviour in male albino mice. Brain PF, et al.
- N Engl J Med 291:43-4, 11 Jun 74
- Proceedings: Corticosteroid feedback at the pituitary level. Brush FR, et al.
- N Engl J Med 291:lxv-lxv, 11 Jun 74
- Proceedings: Pituitary adrenocorticotrophic activity after adrenalectomy and adrenal enucleation in the rat. Buckingham J, et al.
- N Engl J Med 291:lxv-lxvi, 11 Jun 74
- Juxtaglomerular cell granulation and renal cortical renin activity in normal and adrenalectomized guinea pigs. Bucher O, et al. Nephron 12:178-87, 1974
- Letter: Adrenal regulation of protein synthesis in protein malnutrition. Enwonwu CO.
- Nutr Rev 32:159-60, May 74
- Hypothalamic control of blood glucose level. Nutr Rev 31:224-6, Jul 73
- Riboflavin and adrenal cortex. Nutr Rev 31:95-6, Mar 73 (6 ref.)
- Adrenal function and macromolecular transport across rat intestine. Nutr Rev 32:185-8, Jun 74 (12 ref.)
- Substrate mobilization during prolonged exercise in 6-hydroxydopamine treated rats. Sembrowich WL, et al. Pflugers Arch 349:57-62, 24 May 74
- Effects of cyproterone acetate on growth and feeding in rats. Vilberg TR, et al.
- Pharmacol Biochem Behav 2:309-16, May 74
- Food intake and body weight modifications following medial hypothalamic hormone implants in female rats. Jankowiak R, et al.
- Physiol Behav 12:875-9, May 74
- Olfactory thresholds in normal and adrenalectomized rats. Sakellaris PC. Physiol Behav 9:495-500, Oct 72
- Role of histaminase and corticosterone on the depletion of tissue histamine in the irradiated rats. Kobayashi S. Proc Soc Exp Biol Med 146:25-9, May 74
- Similar response of spontaneously hypertensive and normotensive rats to adrenal enucleation. Koletsky S, et al. Proc Soc Exp Biol Med 146:126-31, May 74
- Selective depletion of thymus dependent areas in lymphoid tissue by thiorone. Levine S, et al. Proc Soc Exp Biol Med 146:245-8, May 74
- The influence of progesterone on adrenocortical function in the rat. Rodier WI 3d, et al.
- Proc Soc Exp Biol Med 146:376-80, Jun 74
- Adrenocortical mediation of the effects of early life experiences. Ader R, et al.
- Prog Brain Res 39:395-406, 1973 (37 ref.)
- Effects of adrenal steroids on brain function and behavior. Korányi L. Prog Brain Res 39:111-23, 1973
- Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL. Prog Brain Res 39:361-72, 1973 (33 ref.)
- Role of brain noradrenaline in the tonic regulation of hypothalamic hypophyseal adrenal axis. Scapagnini U, et al. Prog Brain Res 39:171-84, 1973
- Steroid feedback mechanisms in pituitary-adrenal function. Smelik PG, et al.
- Prog Brain Res 39:99-109, 1973
- Brain serotonin and pituitary-adrenal function. Vernikos-Danellis J, et al.
- Prog Brain Res 39:301-10, 1973
- Corticosterone, prolactin, and growth hormone responses to handling and new environment in the rat. Brown GM, et al. Psychosom Med 36:241-7, May-Jun 74
- Simultaneous radioimmunoassay of testosterone and dihydrotestosterone. Barberia JM, et al.
- Steroids 23:757-66, May 74
- Transvenous adrenal destruction: clinical trials in patients with metastatic malignancy. Zimmerman CE, et al. Surgery 75:550-6, Apr 74
- [Hypoglycemic action of certain heterocyclic carboxylic acid derivatives] Takasaki K, et al. Folia Pharmacol Jap 69:977-94, Nov 73 (Eng. Abstr.) (Jap)
- [Effect of a physical load of varying duration on the function of the hypothalamo-hypophyseal-adrenal system in rats] Karaulova LK. Fiziol Zh SSSR 59:1322-5, Sep 73 (Eng. Abstr.) (Rus)
- [Noradrenaline content in the animal brain following removal of the adrenal glands] Rakitskaya VV, et al. Fiziol Zh SSSR 59:1337-40, Sep 73 (Eng. Abstr.) (Rus)
- [Effect of some anti-inflammatory preparations on the mucopolysaccharide content in the blood and liver homogenates] Pidemskif EL, et al. Patol Fiziol Eksp Ter 14:74-6, Sep-Oct 74 (Rus)
- [Functional activity of the hypothalamus-pituitary gland-adrenal cortex system in dogs after prolonged administration of dexamethasone] Razina LG, et al. Probl Endokrinol (Mosk) 20:101-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Kinetics of the initial response of plasma corticoids to corticotropin administration] Oriol Bosch A, et al. Rev Iber Endocrinol 21:209-15, May 74 (Eng. Abstr.) (Spa)
- [Activity of certain enzymes of carbohydrate-phosphorus metabolism in the brain of adrenalectomized guinea pigs] Mestechkina A Ia, et al. Ukr Biokhim Zh 45:323-6, May-Jun 73 (Eng. Abstr.) (Ukr)
- [Importance of the adrenal glands in regulating iron metabolism in the animal organism] Voroshilovskaya SP. Ukr Biokhim Zh 45:342-6, May-Jun 73 (Eng. Abstr.) (Ukr)

PHYSIOPATHOLOGY

- Autonomic cardiovascular effects of nasal inhalation of cigarette smoke in the rabbit. White SW, et al. *Aust J Exp Biol Med Sci* 52:111-26, Feb 74
- Effect of triamcinolone treatment, starvation and diabetes on rat liver protein kinase activity. Gorin E, et al. *Biochim Biophys Acta* 343:510-8, 24 May 74
- Effect of influenza virus PR8 infection on thymus in intact and adrenalectomized mice. Garaci E, et al. *Experientia* 30:358-60, 15 Apr 74
- Review: The endocrine glands in infantile malnutrition. Godard C. *Helv Paediatr Acta* 29:5-26, Apr 74 (113 ref.)
- The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al. *J Clin Endocrinol Metab* 39:81-95, Jul 74
- Letter: Rosette inhibition in Grave's disease. Chapel HM, et al. *N Engl J Med* 291:103, 11 Jun 74
- Riboflavin and adrenal cortex. *Nutr Rev* 31:95-6, Mar 73 (6 ref.)
- [Latent adrenal gland insufficiency in ketonemic vomiting] Zimprich H, et al. *Helv Paediatr Acta* 29:43-50, Apr 74 (Eng. Abstr.) (Ger)
- [Pituitary gland-adrenal cortex regulation in patients with chronic kidney failure during longtime hemodialysis] Hrubesch M, et al. *Verh Dtsch Ges Inn Med* 79:731-4, 1973 (Ger)
- [Activity of sympatho-adrenal system in essential hypertension patients] Lohmann FW, et al. *Verh Dtsch Ges Inn Med* 79:809-12, 1973 (Ger)
- [The pituitary and testicular response to clomiphene during hepatic cirrhosis] Rolandi E, et al. *Folia Endocrinol (Roma)* 27:290-302, Jun 74 (Eng. Abstr.) (Ita)
- [Addison's disease without hypotension] Traini E, et al. *Minerva Med* 65:1293-9, 31 Mar 74 (Eng. Abstr.) (Ita)
- [Functional exploration of the hypothalamic-pituitary-adrenal cortex system in the chronic form of Chagas' disease] Kimachi T, et al. *Rev Assoc Med Bras* 20:57-66, Feb 74 (Eng. Abstr.) (Por)
- [Glucocorticoid function of the adrenal cortex in pregnant women with rheumatic heart disease] Palladi GA, et al. *Akush Ginekol (Mosk)* 49:58-60, Nov 73 (Rus)
- [Characteristics of the autonomic regulation of the heart in rabbits following unilateral vagotomy] Khitrov NK, et al. *Fiziol Zh SSSR* 59:1225-30, Aug 73 (Eng. Abstr.) (Rus)
- [Excretion of catecholamines at daytime and night during dispatcher's work] Vasil'ev VN, et al. *Gig Tr Prof Zabol* 18:6-11, Feb 74 (Eng. Abstr.) (Rus)
- [Neurohormones of the sympathetic nervous system in myocardial infarct] Katsman RF, et al. *Kardiologiya* 15:44-51, 1974 (Rus)
- [Neurogenic arteriosclerosis and the mechanisms of its development] Khomulo PS. *Kardiologiya* 14:140-7, May 74 (Rus)
- [Neurohumoral aspects of myocardial infarct and its complications] Malaia IT, et al. *Kardiologiya* 14:39-47, Apr 74 (Eng. Abstr.) (Rus)
- [Role of glucocorticoids in the regulation of carbohydrate metabolism in patients with ischemic heart disease] Miasnikov LA, et al. *Kardiologiya* 15:9-14, 1974 (Eng. Abstr.) (Rus)
- [Surgical treatment of peptic ulcer of the stomach and duodenum] Kvalev MM, et al. *Klin Khir* 4:1-8, Apr 74 (Rus)
- [Changes in the sympathetic-adrenal system in nephrogenic hypertonia and hypertension] Iunda IF, et al. *Klin Med (Mosk)* 51:28-33, Sep 73 (Rus)
- [Effect of thyroidectomy on the development of compensatory adrenal hypertrophy] Borodin AD. *Patol Fiziol Eksp Ter* 14:37-41, Sep-Oct 74 (Eng. Abstr.) (Rus)
- [Methodology of acute experiments on rabbits] Khitrov NK, et al. *Patol Fiziol Eksp Ter* 10:76-8, May 74 (Eng. Abstr.) (Rus)
- [State of the sympathetic-adrenal system in healthy and sick children and adolescents with primary arterial hypotension] Namazova AA, et al. *Pediatrics* 53:33-7, Apr 74 (Eng. Abstr.) (Rus)
- [Functional state of sympathetic-adrenal system and glucocorticoid indicators in newborn infants with pneumopathies and pneumonias] Svetlova AK, et al. *Pediatrics* 53:36-9, 1974 (Eng. Abstr.) (Rus)
- [Role of the functional state of sympathetic-adrenal

- system in the pathogenesis of heart disease in children with rheumatism and chronic tonsillitis] Zubarev VL. *Pediatrics* 53:62-3, Apr 74 (Rus)
- [Glucocorticoid function of the adrenal cortex in patients with pulmonary tuberculosis in connection with anesthesia and surgery] Gulla DI, et al. *Probl Tuberk* 52:26-30, Mar 74 (Eng. Abstr.) (Rus)
- [Glucocorticoid function of the adrenal cortex in typhoid] Povorekko IA. *Sov Med* 4:151, 1974 (Rus)
- [Results of study of corticosteroid excretion in Botkin's disease by the method of intravenous administration of radioactive isotope hydrocortisone-4 C14] Matveev AA. *Ter Arkh* 46:103-7, 1974 (Eng. Abstr.) (Rus)
- [Pituitary-adrenal system and certain "tissue" factors of regulation in children with allergic skin manifestations] Kolesov DV, et al. *Vestn Dermatol Venerol* 48:32-7, 1974 (Eng. Abstr.) (Rus)
- [Glucocorticoid activity of adrenal cortex and uropepsinogen content after surgical intervention in complicated ulcer disease] Mordvinkina TN. *Vestn Khir* 112:137-41, May 74 (98 ref.) (Rus)
- [Excretion of vanilmandelic acid in post-traumatic hypotension] Perli PD, et al. *Vrach Delo* 4:112-3, 1974 (Eng. Abstr.) (Rus)
- [The reaction of the adrenal cortex to formalin stress in intact and castrated rodents] Sokolov VI. *Zh Evol Biokhim Fiziol* 10:171-5, Mar-Apr 74 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

- Photoaffinity labeling with cyclic nucleotides. Antonoff RS, et al. *J Clin Invest* 53:3319-21, Jun 74

RADIOGRAPHY

- Functional black adenoma of the adrenal gland. Light and electron microscopical study. Bahu RM, et al. *Arch Pathol* 98:139-42, Aug 74

SECRETION

- The newborn of diabetic mothers. Observations on 154 cases, 1958-1972. François R, et al. *Biol Neonate* 24:1-31, 1974
- Studies on the mechanism of cytochemical bioassays. Chayen J, et al. *Clin Endocrinol (Oxf)* 3:349-60, Jul 74
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Vetter H, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Plasma MSH and cortisol levels in 567 patients with special reference to brain trauma. Kastin AJ, et al. *Endocrinol Exp (Bratisl)* 8:97-105, Jun 74
- Aldosterone secretion in the enucleated rat adrenal during salt retention. Pratt JH, et al. *Endocrinology* 95:48-54, Jul 74
- Secretion of 16alpha-hydroxyprogesterone and other steroids by the adult human adrenal. Ramseyer J, et al. *J Clin Endocrinol Metab* 39:102-7, Jul 74
- Radioimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74
- The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al. *Steroids* 23:443-54, Mar 74
- [Change in the secretory activity of the adrenal cortex in silver foxes in the process of domestication] Bazhan NM, et al. *Dokl Akad Nauk SSSR* 216:922-4, 1974 (Rus)

SURGERY

- Recurrence of benign pheochromocytoma by intraoperative implantation. Sivula A. *Acta Chir Scand* 140:334-9, 1974
- Functional black adenoma of the adrenal gland. Light and electron microscopical study. Bahu RM, et al. *Arch Pathol* 98:139-42, Aug 74
- [Adrenal gland surgery in 1973. 3. Primary hyperaldosteronism, Conn's syndrome] Coquillaud JP, et al. *J Chir (Paris)* 106:609-31, Dec 73 (Eng. Abstr.) (Fre)

ADRENALECTOMY

- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback

- control mechanisms: active immunization with steroids. Nieschlag E, et al.
Acta Endocrinol (Kbh) 76:556-69, Jul 74
- Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al.
Acta Endocrinol (Kbh) 76:392-402, Jun 74
- Effect of cortisone treatment and adrenalectomy on 5-hydroxytryptophan decarboxylase and monoamine oxidase activity in mouse tissues. Went M, et al.
Acta Physiol Acad Sci Hung 43:233-7, 1973
- Failure of adrenalectomy to influence the acute effect of FSH on ovarian metabolism. Nilsson L.
Acta Physiol Scand 91:139-41, May 74
- Familial renal dysplasia with sodium wasting and hypokalemic alkalosis. Walker SH, et al.
Am J Dis Child 127:882-7, Jun 74
- Simultaneous estimation of pregnenolone, 17-hydroxypregnenolone and dehydroplandrosterone by gas-liquid radiochromatography. Nice E, et al.
Anal Biochem 59:399-406, Jun 74
- Autonomic cardiovascular effects of nasal inhalation of cigarette smoke in the rabbit. White SW, et al.
Aust J Exp Biol Med Sci 52:111-26, Feb 74
- Enhanced specificity of epinephrine binding by rat liver plasma membranes in the presence of EDTA. Lacombe ML, et al.
Biochem Biophys Res Commun 58:667-73, 4 Jun 74
- Acidophilic activation of steroid hormone receptors. Milgrom E, et al. *Biochemistry* 12:5198-205, 4 Dec 73
- Effect of trancinolone treatment, starvation and diabetes on rat liver protein kinase activity. Gorin E, et al. *Biochim Biophys Acta* 343:510-8, 24 May 74
- Influence of adrenalectomy upon rat erythrocyte Na⁺ and K⁺ content, Na⁺ efflux rate and Mg²⁺- and (Na⁺ plus K⁺)-Mg²⁺-ATPase activities. Radcliffe MA. *Biochim Biophys Acta* 339:303-10, 29 Mar 74
- Carcinoma of the male breast. Hudson MJ, et al.
Br J Surg 61:440-4, Jun 74
- Effect of "medical" and surgical adrenalectomy on the ventral prostate and other accessory sex glands of the male rat. Mobbs BG, et al. *Can J Surg* 17:162-6, May 74
- The redox bioassay technique for the direct assessment of pituitary adrenocorticotrophic activity in the rat. Buckingham JC, et al.
Clin Endocrinol (Oxf) 3:347-8, Jul 74
- Massive spontaneous adrenal hemorrhage. A case report. Lyall SS, et al. *Conn Med* 38:301-3, Jun 74
- The different effect of thyroidectomy, KClO₄ and propylthiouracil on insulin secretion and glucose uptake in the rat. John T, et al.
Endocrinology 94:1502-7, Jun 74
- Secretion of ACTH by isolated anterior pituitary cells: kinetics of stimulation of corticotropin-releasing factor and of inhibition by corticosterone. Sayers G, et al. *Endocrinology* 94:1723-30, Jun 74
- Adaptation of hepatic phenylalanine hydroxylase in the rat. Koller C, et al. *Enzyme* 17:155-9, 1974
- Effect of influenza virus PR8 infection on thymus in intact and adrenalectomized mice. Garaei E, et al. *Experientia* 30:358-60, 15 Apr 74
- Septal lesions: effects on lordosis behavior and pattern of gonadotropin release. Nance DM, et al.
Horm Behav 5:73-81, Mar 74
- Progesterone and the ovarian-adrenal modulation of energy balance in rats. Ross GE, et al.
Horm Behav 5:43-62, Mar 74
- Proceedings: The role of catecholamines in the regulation of crypt cell proliferation. 3. Adrenalectomy. Tutton PJ. *J Anat* 116:468, Dec 73
- Insulin secretion in adrenergic insufficiency in man. Brodows RG, et al.
J Clin Endocrinol Metab 38:1103-8, Jun 74
- Hormones and neoplasia. Forrest AP.
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)
- Endocrine interactions in regulation of body weight by female rats. Stern JJ, et al.
J Comp Physiol Psychol 86:926-9, May 74
- Calcium-binding properties and ATPase activities of rat liver plasma membranes. Chambaut AM, et al.
J Gen Physiol 64:104-26, Jul 74
- The testis in Cushing's syndrome. Gabilove JL, et al.
J Urol 112:95-9, Jul 74
- Successful removal of adrenal remnant localized by 131-I-19-iodocholesterol. Herwig KR, et al.
J Urol 111:713-4, Jun 74
- Proceedings: Effects of removal of endocrine organs on spontaneous and renal hypertension in rats. Ebihara A. *Jap Heart J* 15:182-3, Mar 74
- Proceedings: Further investigations on the effects of adrenalectomy and pituitary-adrenocortical hormone treatments on isolation-induced fighting behaviour in male albino mice. Brain PF, et al.
N Engl J Med 291:43-4, 11 Jun 74
- Proceedings: Corticosteroid feedback at the pituitary level. Brush FR, et al.
N Engl J Med 291:ixlixv, 11 Jun 74
- Proceedings: Pituitary adrenocorticotrophic activity after adrenalectomy and adrenal enucleation in the rat. Buckingham J, et al.
N Engl J Med 291:ixlxvi, 11 Jun 74
- Juxtaglomerular cell granulation and renal cortical renin activity in normal and adrenalectomized guinea pigs. Bucher O, et al. *Nephron* 12:178-87, 1974
- Riboflavin and adrenal cortex.
Nutr Rev 31:95-6, Mar 73 (6 ref.)
- Hypothalamic control of blood glucose level.
Nutr Rev 31:224-6, Jul 73
- Adrenal function and macromolecular transport across rat intestine. *Nutr Rev* 32:185-8, Jun 74 (12 ref.)
- Effects of cyproterone acetate on growth and feeding in rats. Vilberg TR, et al.
Pharmacol Biochem Behav 2:309-16, May 74
- Food intake and body weight modifications following medial hypothalamic hormone implants in female rats. Jankowiak R, et al.
Physiol Behav 12:875-9, May 74
- Olfactory thresholds in normal and adrenalectomized rats. Sakellaris PC. *Physiol Behav* 9:495-500, Oct 72
- Role of histaminase and corticosterone on the depletion of tissue histamine in the irradiated rats. Kobayashi S. *Proc Soc Exp Biol Med* 146:25-9, May 74
- Similar response of spontaneously hypertensive and normotensive rats to adrenal enucleation. Koletsky S, et al. *Proc Soc Exp Biol Med* 146:126-31, May 74
- Selective depletion of thymus dependent areas in lymphoid tissue by thiorone. Levine S, et al.
Proc Soc Exp Biol Med 146:245-8, May 74
- Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL. *Prog Brain Res* 39:361-72, 1973 (33 ref.)
- Simultaneous radioimmunoassay of testosterone and dihydrotestosterone. Barberia JM, et al.
Steroids 23:757-66, May 74
- Radioimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74
- Polycystic kidneys. Indications for surgical intervention. Wallack HJ, et al. *Urology* 3:552-6, May 74
- [Tissue respiration and protein content of the myocardium and skeletal muscles in rats following bilateral adrenalectomy] Zharev S, et al.
Eksp Med Morfol 12:203-9, 1973 (Eng. Abstr.) (Bul)
- [Adrenal gland surgery in 1973. 3. Primary hyperaldosteronism, Conn's syndrome] Coquillaud JP, et al.
J Chir (Paris) 106:609-31, Dec 73 (Eng. Abstr.) (Fre)
- [Studies on juxtaglomerular cells in adrenalectomized rats] Peter S, et al.
Verh Anat Ges 67:161-7, 1972 (Eng. Abstr.) (Ger)
- [Hormone therapy of breast carcinoma] Brunl B. *G Batteriol Virol Immunol [Clin]* 15:36-64, Jan-Aug 72 (Ita)
- [Recurrent mammary tumor] Takatani O.
Clin Endocrinol (Tokyo) 22:146-52, Jan 74 (Jap)
- [Primary hyperaldosteronism. (Analysis of 5 cases)] Manasia M, et al.
Med Interna (Bucur) 26:435-44, Apr 74 (Eng. Abstr.) (Rum)
- [On the diagnosis and treatment of pheochromocytoma] Manasia M, et al.
Oeff Gesundheitswes 36:1215-24, Apr 74 (Eng. Abstr.) (Rum)
- [Noradrenaline content in the animal brain following removal of the adrenal glands] Rakitkaia VV, et al.
Fiziol Zh SSSR 59:1337-40, Sep 73 (Eng. Abstr.) (Rus)
- [Effect of thyroidectomy on the development of compensatory adrenal hypertrophy] Borodin AD. *Patol Fiziol Eksp Ter* 14:37-41, Sep-Oct 74 (Eng. Abstr.) (Rus)
- [Effect of some anti-inflammatory preparations on the mucopolysaccharide content in the blood and liver homogenates] Pidemakif EL, et al.
Patol Fiziol Eksp Ter 14:74-6, Sep-Oct 74 (Rus)
- [Activity of certain enzymes of carbohydrate-phosphorus metabolism in the brain of adrenalectomized guinea pigs] Mestechkina AJA, et al.

ADRENALECTOMY

ADRENAL

Ukr Biokhim Zh 45:323-6, May-Jun 73 (Eng. Abstr.)

(Ukr)

[Importance of the adrenal glands in regulating iron metabolism in the animal organism] Voroshilovskaya SP.

Ukr Biokhim Zh 45:342-6, May-Jun 73 (Eng. Abstr.)

(Ukr)

PITUITARY-ADRENAL FUNCTION

TESTS

Familial renal dysplasia with sodium wasting and hypokalemic alkalosis. Walker SH, et al.

Am J Dis Child 127:882-7, Jun 74

Rapid ACTH test with plasma aldosterone levels.

Improved diagnostic discrimination. Dluhy RG, et al.

Ann Intern Med 80:693-6, Jun 74

Cortisol and growth hormone responses to insulin-induced hypoglycaemia in Ugandans. Kajubi SK. East Afr Med J 51:11-4, Jan 74

Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. J Clin Endocrinol Metab 38:964-75, Jun 74

Endocrine profiles in the clinical laboratory. Bacchus H. Prog Clin Pathol 4:1-110, 1972 (217 ref.)

[Latent adrenal gland insufficiency in ketonemic vomiting] Zimprich H, et al.

Helv Paediatr Acta 29:43-50, Apr 74 (Eng. Abstr.)

(Ger)

[Activity of the diencephalo-hypophyseal-adrenal axis in the Langdon-Down syndrome] Saba P, et al.

Folia Endocrinol (Roma) 27:224-32, Apr 74 (Eng. Abstr.)

(Ita)

[Surgical treatment of peptic ulcer of the stomach and duodenum] Kvalev MM, et al.

Klin Khir 4:1-8, Apr 74

(Rus)

[Changes in the sympathetic-adrenal system in nephrogenic hypertonia and hypertension] Iunda IF, et al. Klin Med (Mosk) 51:28-33, Sep 73 (Rus)

[Effect of electric stimulation of different parts of hypothalamus of rats on functional activity of the hypophyseal-adrenocortical system] Konovalova LK.

Probl Endokrinol (Mosk) 20:58-62, Mar-Apr 74 (Eng. Abstr.)

(Rus)

[Kinetics of the initial response of plasma corticoids to corticotropin administration] Oriol Bosch A, et al.

Rev Iber Endocrinol 21:209-15, May 74 (Eng. Abstr.)

(Spa)

Paradoxical response to dexamethasone. A contribution to the differential diagnosis of adrenal hyperfunction? Serrera Contreras JL, et al.

Rev Iber Endocrinol 21:127-48, Mar-Apr 74 (Eng. Abstr.)

(Spa)

ADRENAL

11. Disorders of the Adrenal Glands

ADDISON'S DISEASE

Adrenocortical insufficiency: a self-instruction unit.
Elliott DD. *Am J Nurs* 74:1115-30, Jun 74
[Addison's disease without hypotension] Traini E, et al.
Minerva Med 65:1293-9, 31 Mar 74 (Eng. Abstr.) (Ita)

BLOOD

Addison's disease--clinical studies. A report fo 108 cases. Nerup J.
Acta Endocrinol (Kbh) 76:127-41, May 74
Cortisol and cortisone acetate in parenteral glucocorticoid therapy? Kehlet H, et al.
Acta Med Scand 195:421-3, May 74
Plasma corticotropin radioimmunoassay, with use of fuller's earth for extraction. Horgan ED, et al.
Clin Chem 20:682-6, Jun 74
Radioimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74

COMPLICATIONS

Addison's disease--clinical studies. A report fo 108 cases. Nerup J.
Acta Endocrinol (Kbh) 76:127-41, May 74
Addison's disease--serological studies. Nerup J.
Acta Endocrinol (Kbh) 76:142-58, May 74
Diabetes and Addison's disease. Yoo J, et al.
Postgrad Med 55:62-9, Jun 74
Addison's disease and thyrotoxicosis. Hunt JP.
Proc R Soc Med 67:322, May 74
[Unusual course of an Addisonian crisis: cardinal neuropsychiatric symptoms, repeated asystole, and successful treatment (author's transl)] Maeder HU, et al.
Dtsch Med Wochenschr 99:942 passimassim, May 74 (Eng. Abstr.) (Ger)
[Idiopathic Addison's disease] Demura H.
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)

DIAGNOSIS

Addison's disease--clinical studies. A report fo 108 cases. Nerup J.
Acta Endocrinol (Kbh) 76:127-41, May 74
Diabetes and Addison's disease. Yoo J, et al.
Postgrad Med 55:62-9, Jun 74
Addison's disease and thyrotoxicosis. Hunt JP.
Proc R Soc Med 67:322, May 74
[Addison's disease] Haddad N, et al.
Tunis Med 51:221-3, Jul 73 (Fre)
[Primary hypo- and hyperreninism] Werning C.
Internist (Berlin) 15:174-6, Mar 74 (21 ref.) (Ger)
[Addison's disease without hypotension] Traini E, et al.
Minerva Med 65:1293-9, 31 Mar 74 (Eng. Abstr.) (Ita)
[Idiopathic Addison's disease] Demura H.
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)

DRUG THERAPY

Cortisol and cortisone acetate in parenteral glucocorticoid therapy? Kehlet H, et al.
Acta Med Scand 195:421-3, May 74
Diabetes and Addison's disease. Yoo J, et al.
Postgrad Med 55:62-9, Jun 74
[Unusual course of an Addisonian crisis: cardinal neuropsychiatric symptoms, repeated asystole, and successful treatment (author's transl)] Maeder HU, et al.
Dtsch Med Wochenschr 99:942 passimassim, May 74 (Eng. Abstr.) (Ger)
[Addison's disease without hypotension] Traini E, et al.
Minerva Med 65:1293-9, 31 Mar 74 (Eng. Abstr.) (Ita)
[Adrenal insufficiency (acute and chronic stages)] Matsukura S, et al.
Clin Endocrinol (Tokyo) 22:38-41, Jan 74 (Jap)

ETIOLOGY

Addison's disease--clinical studies. A report fo 108 cases. Nerup J.
Acta Endocrinol (Kbh) 76:127-41, May 74
[Addison's disease] Haddad N, et al.
Tunis Med 51:221-3, Jul 73 (Fre)

FAMILIAL & GENETIC

[Idiopathic Addison's disease] Demura H.
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)

IMMUNOLOGY

Addison's disease--serological studies. Nerup J.
Acta Endocrinol (Kbh) 76:142-58, May 74
[Immunoendocrinology] Niederer W.
Schweiz Med Wochenschr 104:841-7, 15 Jun 74 (87 ref.) (Eng. Abstr.) (Ger)
[Multiple endocrine abnormalities and autoimmunity--a case associated with hypergammaglobulinemia] Aoki N, et al.
Jap J Clin Med 31:3506-20, Dec 73 (Jap)
[Idiopathic Addison's disease] Demura H.
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)

MORTALITY

Diabetes and Addison's disease. Yoo J, et al.
Postgrad Med 55:62-9, Jun 74

PATHOLOGY

[Idiopathic Addison's disease] Demura H.
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)

PHYSIOPATHOLOGY

The nature of the circadian periodicity and suppressibility of immunoreactive ACTH levels in Addison's disease. Krieger DT, et al.
J Clin Endocrinol Metab 39:46-52, Jul 74
[Addison's disease without hypotension] Traini E, et al.
Minerva Med 65:1293-9, 31 Mar 74 (Eng. Abstr.) (Ita)

ADENOMA, VIRILIZING

Benign clear cell tumor of lung. Ozdemir IA, et al.
J Thorac Cardiovasc Surg 68:131-3, Jul 74

PATHOLOGY

Benign clear cell tumor of lung. Ozdemir IA, et al.
J Thorac Cardiovasc Surg 68:131-3, Jul 74

RADIOGRAPHY

Benign clear cell tumor of lung. Ozdemir IA, et al.
J Thorac Cardiovasc Surg 68:131-3, Jul 74

SURGERY

Benign clear cell tumor of lung. Ozdemir IA, et al.
J Thorac Cardiovasc Surg 68:131-3, Jul 74

ADRENAL GLAND DISEASES

BLOOD

Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia. Reschini E, et al.
Clin Endocrinol (Oxf) 3:209-13, Apr 74
[The diurnal rhythm of 11-hydroxycorticoids in plasma in endocrinopathies with hypophysis and adrenal cortex disorders and in control persons (author's transl)] Vrbová H, et al.
Sb Lek 74:263-75, Sep 72 (Eng. Abstr.) (Cze)
[Condition of blood and hematopoietic organs of progeny in anemia and liver and adrenal gland

ADRENAL GLAND

ADRENAL

pathology in pregnant rats] Tsygankova TP, et al.
Akush Ginekol (Mosk) 49:31-5, Nov 73 (Rus)

CHEMICALLY INDUCED

A clinical and pathologic review of ovarian stromal hyperplasia and its possible relationship to common diseases of the female reproductive system. Stearns HC, et al. Am J Obstet Gynecol 119:375-81, 1 Jun 74
Letter: Anticoagulant therapy and acute adrenal insufficiency. Portnay GI, et al.
Ann Intern Med 81:115, Jul 74

COMPLICATIONS

Normal and abnormal sexual maturation. Bryan GT.
Am Fam Physician 9:123-35, Jun 74
Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)
Clinicopathologic correlations. De subitaneis mortibus. VI. Two young soldiers. James TN, et al.
Circulation 49:1239-46, Jun 74
Massive spontaneous adrenal hemorrhage. A case report. Lyall SS, et al. Conn Med 38:301-3, Jun 74
Male infertility. Current diagnosis and treatment. Amelar RD, et al. Urology 1:1-31, Jan 73
[Addison's disease] Haddad N, et al. (Fre)
Tunis Med 51:221-3, Jul 73
[Radiological diagnosis of hypertension (author's transl)] Lissner J.
Munch Med Wochenschr 116:689-98, 5 Apr 74 (Eng. Abstr.) (Ger)
[Value of determination of exchangeable sodium in the diagnosis and evaluation of therapy in primary hyperaldosteronism] Lechi A, et al.
Folia Endocrinol (Roma) 27:212-23, Apr 74 (Eng. Abstr.) (Ita)

CONGENITAL

Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia. Reschini E, et al.
Clin Endocrinol (Oxf) 3:209-13, Apr 74

DIAGNOSIS

Endocrine profiles in the clinical laboratory. Bacchus H. Prog Clin Pathol 4:1-110, 1972 (217 ref.)
[Addison's disease] Haddad N, et al.
Tunis Med 51:221-3, Jul 73 (Fre)
Paradoxical response to dexamethasone. A contribution to the differential diagnosis of adrenal hyperfunction? Serrera Contreras JL, et al.
Rev Iber Endocrinol 21:127-48, Mar-Apr 74 (Eng. Abstr.) (Spa)

ETIOLOGY

A clinical and pathologic review of ovarian stromal hyperplasia and its possible relationship to common diseases of the female reproductive system. Stearns HC, et al. Am J Obstet Gynecol 119:375-81, 1 Jun 74
Electron-microscopic studies of infectious adrenal cortical hemorrhages in rats. Mäusle E.
Beitr Pathol 151:179-99, Feb 74
Riboflavin and adrenal cortex.
Nutr Rev 31:95-6, Mar 73 (6 ref.)

PATHOLOGY

Electron-microscopic studies of infectious adrenal cortical hemorrhages in rats. Mäusle E.
Beitr Pathol 151:179-99, Feb 74
Ultrastructural pathology of the adrenal cortex. Tannebaum M. Pathol Annu 8:109-56, 1973
[Morphological changes in the internal organs following poisoning with Amanita phalloides] Wierciński J, et al.
Patol Pol 25:107-16, Jan-Mar 74 (Eng. Abstr.) (Pol)

RADIOGRAPHY

Angiography and the conservative management of neonatal adrenal haemorrhage. Iancu T, et al.
Pediatr Radiol 2:47-50, 5 Apr 74
[Method of diagnostic pneumoretroperitoneum] Sharov VK. Khirurgia (Mosk) 50:118-9, Mar 74 (Rus)

SURGERY

[Adrenal gland surgery in 1973. 3. Primary hyperaldosteronism, Conn's syndrome] Coquillaud JP, et al.
J Chir (Paris) 106:809-31, Dec 73 (Eng. Abstr.) (Fre)

THERAPY

Angiography and the conservative management of neonatal adrenal haemorrhage. Iancu T, et al.
Pediatr Radiol 2:47-50, 5 Apr 74

URINE

Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia. Reschini E, et al.
Clin Endocrinol (Oxf) 3:209-13, Apr 74

ADRENAL GLAND HYPERFUNCTION

Hypercorticism in rabbits immunized against corticosteroids. Gless KH, et al.
Acta Endocrinol (Kbh) 75:342-9, Feb 74
[Pituitary apoplexy] Lindholm J, et al.
Ugeskr Laeger 136:1150-2, 20 May 74 (Eng. Abstr.) (Dan)

BLOOD

Response of plasma aldosterone to postural change, diuretics, angiotensin II, sodium restriction or loading and prostaglandin. Ito T, et al.
Jap Heart J 14:518-30, Nov 73

CHEMICALLY INDUCED

[The glucose-6-phosphate dehydrogenase isoenzyme spectrum of subcellular organ fractions from rabbits with endogenous and exogenous hypercorticism] Gula NM, et al.
Ukr Biokhim Zh 46:227-31, Mar-Apr 74 (Eng. Abstr.) (Ukr)

COMPLICATIONS

[Syndrome of total hypercorticism in a patient with pheochromoblastoma] Gerasimenko PP, et al.
Probl Endokrinol (Mosk) 20:38-41, Mar-Apr 74 (Eng. Abstr.) (Rus)

DIAGNOSIS

Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)
Paradoxical response to dexamethasone. A contribution to the differential diagnosis of adrenal hyperfunction? Serrera Contreras JL, et al.
Rev Iber Endocrinol 21:127-48, Mar-Apr 74 (Eng. Abstr.) (Spa)

DRUG THERAPY

Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)

ENZYMOLGY

[The glucose-6-phosphate dehydrogenase isoenzyme spectrum of subcellular organ fractions from rabbits with endogenous and exogenous hypercorticism] Gula NM, et al.
Ukr Biokhim Zh 46:227-31, Mar-Apr 74 (Eng. Abstr.) (Ukr)

ETIOLOGY

[Curative treatment of Dühring-Brocq disease by BCG vaccine] Bolgert M.
Sem Hop Paris 49:3357-65 contdo, 8 Dec 73 (Eng. Abstr.) (Pol)

METABOLISM

[Syndrome of total hypercorticism in a patient with pheochromoblastoma] Gerasimenko PP, et al.
Probl Endokrinol (Mosk) 20:38-41, Mar-Apr 74 (Eng. Abstr.) (Rus)

ADRENAL

ADRENAL GLAND

PHYSIOPATHOLOGY

[Effect of thyroidectomy on the development of compensatory adrenal hypertrophy] Borodin AD. *Patol Fiziol Eksp Ter* 14:37-41, Sep-Oct 74 (Eng. Abstr.) (Rus)

THERAPY

[Adrenal gland surgery in 1973. 3. Primary hyperaldosteronism, Conn's syndrome] Coquillaud JP, et al. *J Chir (Paris)* 106:609-31, Dec 73 (Eng. Abstr.) (Fre)

ADRENAL GLAND HYPOFUNCTION

Adrenocortical insufficiency: a self-instruction unit. Elliott DD. *Am J Nurs* 74:1115-30, Jun 74

BLOOD

Letter: Anticoagulant therapy and acute adrenal insufficiency. Portnay GI, et al. *Ann Intern Med* 81:115, Jul 74

CHEMICALLY INDUCED

Use of corticosteroids in the treatment of infectious diseases. Krober M. *South Med J* 67:728-32, Jun 74 (79 ref.)

COMPLICATIONS

Symposium on acid-base homeostasis. Renal acidosis. Morris RC Jr, et al. *Kidney Int* 1:322-40, May 72 (116 ref.)

Use of corticosteroids in the treatment of infectious diseases. Krober M. *South Med J* 67:728-32, Jun 74 (79 ref.)

Postmenopausal osteoporosis. Pathogenesis and the mode of action of hormone therapy. Holló I. *Ther Hung* 20:123-6 passim, 1972

[A case of hyperthyroidism with adrenal insufficiency and hemolytic anemia. Positive action of corticotherapy] Sankale M, et al. *Sem Hop Paris* 50:159-63, 8 Jan 74 (Fre)

[Latent adrenal gland insufficiency in ketonemic vomiting] Zimprich H, et al. *Helv Paediatr Acta* 29:43-50, Apr 74 (Eng. Abstr.) (Ger)

[Coexistence of hyperthyroidism and adrenocortical insufficiency] Leaszczyński B, et al. *Pol Tyg Lek* 29:847-8, 20 May 74 (Eng. Abstr.) (Pol)

CONGENITAL

Letter: Congenital adrenal hypoplasia. Szalay GC. *Obstet Gynecol* 43:924, Jun 74

DIAGNOSIS

[A case of hyperthyroidism with adrenal insufficiency and hemolytic anemia. Positive action of corticotherapy] Sankale M, et al. *Sem Hop Paris* 50:159-63, 8 Jan 74 (Fre)

[Latent adrenal gland insufficiency in ketonemic vomiting] Zimprich H, et al. *Helv Paediatr Acta* 29:43-50, Apr 74 (Eng. Abstr.) (Ger)

DRUG THERAPY

Letter: Anticoagulant therapy and acute adrenal insufficiency. Portnay GI, et al. *Ann Intern Med* 81:115, Jul 74

Use of corticosteroids in the treatment of infectious diseases. Krober M. *South Med J* 67:728-32, Jun 74 (79 ref.)

[Parenteral glucocorticoid substitution therapy—cortisol or cortisone preparation?] Kehlet H, et al. *Ugeskr Laeger* 136:965-6, 29 Apr 74 (Eng. Abstr.) (Dan)

[A case of hyperthyroidism with adrenal insufficiency and hemolytic anemia. Positive action of corticotherapy] Sankale M, et al. *Sem Hop Paris* 50:159-63, 8 Jan 74 (Fre)

[Adrenal insufficiency (acute and chronic stages)] Matsukura S, et al. *Clin Endocrinol (Tokyo)* 22:38-41, Jan 74 (Jap)

ETIOLOGY

Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Dluhy RG, et al. *Ann Intern Med* 80:693-6, Jun 74

Letter: Anticoagulant therapy and acute adrenal insufficiency. Portnay GI, et al. *Ann Intern Med* 81:115, Jul 74

["Steroid umbrella"] Kehlet H, et al. *Ugeskr Laeger* 136:993-4, 29 Apr 74 (Dan)

[A case of hyperthyroidism with adrenal insufficiency and hemolytic anemia. Positive action of corticotherapy] Sankale M, et al. *Sem Hop Paris* 50:159-63, 8 Jan 74 (Fre)

METABOLISM

Primary somatomedin deficiency. Case report. Brande JL van den, et al. *Arch Dis Child* 49:297-304, Apr 74

[Importance of the adrenal glands in regulating iron metabolism in the animal organism] Voroshilovskala SP. *Ukr Biokhim Zh* 45:342-6, May-Jun 73 (Eng. Abstr.) (Ukr)

PHYSIOPATHOLOGY

Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Dluhy RG, et al. *Ann Intern Med* 80:693-6, Jun 74

[Noradrenaline content in the animal brain following removal of the adrenal glands] Rakitakala VV, et al. *Fiziol Zh SSSR* 59:1337-40, Sep 73 (Eng. Abstr.) (Rus)

THERAPY

[Endocrine diseases in pregnancy] Sakamoto S, et al. *Clin Endocrinol (Tokyo)* 22:142-5, Jan 74 (Jap)

ADRENAL GLAND NEOPLASMS

The effect of calcium concentration on ACTH stimulation of steroidogenesis in mouse adrenal tumor cells. Wishnow RM, et al. *J Cell Physiol* 83:419-23, Jun 74

Physical and chemical properties of an oncornavirus associated with a murine adrenal carcinoma cell line. Burnette WN, et al. *J Virol* 14:110-5, Jul 74

Tissue-culture assay of antibodies to heat-labile *Escherichia coli* enterotoxins. Donta ST, et al. *Lancet* 1:117-21, 29 Jun 74

[Studies on ocular involvements of neuroblastoma (author's transl)] Nozaki H, et al. *Acta Soc Ophthalmol Jap* 77:2044-53, Dec 73 (Eng. Abstr.) (Jap)

BLOOD

Hyperresponsiveness to lysine-vasopressin in Cushing's disease. Coslovsky R, et al. *Acta Endocrinol (Kbh)* 75:125-32, Jan 74

Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74

Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Hull RD, et al. *Med J Aust* 1:381-5, 16 Mar 74

CHEMICALLY INDUCED

[Lack of long-term effects of the administration of heptachlor to suckling rats (author's transl)] Cabral JR, et al. *Tumori* 58:49-53, Jan-Feb 72 (Eng. Abstr.) (Ita)

COMPLICATIONS

Hyperresponsiveness to lysine-vasopressin in Cushing's disease. Coslovsky R, et al. *Acta Endocrinol (Kbh)* 75:125-32, Jan 74

Functional black adenoma of the adrenal cortex. A rare cause of primary aldosteronism. Caplan RH, et al. *Am J Clin Pathol* 62:97-103, Jul 74

Functional black adenoma of the adrenal gland. Light and electron microscopical study. Bahu RM, et al. *Arch Pathol* 98:139-42, Aug 74

Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al. *Arch Pathol* 98:1-8, Jul 74

Biosynthesis of steroids from (14C)cholesterol, (3H)

ADRENAL GLAND

ADRENAL

- progesterone and (3H)pregnenolone by human adrenal carcinoma tissue. Nishida S, et al. *Clin Chim Acta* 52:97-103, Mar 74
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Recovery of hypothalamic-pituitary-adrenal function, growth hormone responsiveness and sleep EEG pattern in a patient following removal of an adrenal cortical adenoma. Krieger DT, et al. *J Clin Endocrinol Metab* 38:1075-82, Jun 74
- Preoperative blood transfusion in the safe surgical management of pheochromocytoma: a review of 46 cases. Deoreo GA Jr, et al. *J Urol* 111:715-21, Jun 74
- Successful control of pheochromocytoma in pregnancy. Griffith MI, et al. *JAMA* 229:437-9, 22 Jul 74
- Calcification in benign adrenal adenoma. Paster SB, et al. *Urology* 3:646-8, May 74
- [Action of arginine in a recurrent hepatic coma complicating a feminizing tumor of the adrenal cortex with hepatic metastases] Immler M, et al. *Sem Hop Paris* 49:3183-90, 26 Nov 73 (Fre)
- [Neuroblastoma associated with a polymyoclonia-opsoclonia syndrome] Larbrisseau A, et al. *Union Med Can* 103:1691-4, Aug 73 (Eng. Abstr.) (Fre)
- [Hypertension. Diagnosis and therapy in the practice] Fleischer H, et al. *Fortschr Med* 92:722-4, 13 Jun 74 (Eng. Abstr.) (Ger)
- [Endocrine hypertension (author's transl)] Reck G, et al. *Praxis* 63:589-97, 14 May 74 (Eng. Abstr.) (Ger)
- [Renal artery stenosis and pheochromocytoma] Weiss M, et al. *Verh Dtsch Ges Inn Med* 79:812-4, 1973 (Ger)
- [Treatment of metastasizing virilizing ovoblastoma with cyproterone acetate] Varga P, et al. *Orv Hetil* 115:1165-8, 19 May 74 (Hun)
- [Diagnosis and clinical aspects of arterial hypertension] Sacchetti C. *Arch E Maragliano Patol Clin* 29:73-83, Jan 73 (Eng. Abstr.) (Ita)
- [Value of determination of exchangeable sodium in the diagnosis and evaluation of therapy in primary hyperaldosteronism] Lechi A, et al. *Folia Endocrinol (Roma)* 27:212-23, Apr 74 (Eng. Abstr.) (Ita)
- [Present trends in the diagnosis of primary hyperaldosteronism] Ripa R. *G Ital Cardiol* 4:270-6, 1974 (72 ref.) (Ita)
- [Adrenogenital syndrome (in children): urological aspect] Komase M. *Clin Endocrinol (Tokyo)* 22:212-4, Jan 74 (Jap)
- [Primary hyperaldosteronism. (Analysis of 5 cases)] Manasia M, et al. *Med Interna (Bucur)* 26:435-44, Apr 74 (Eng. Abstr.) (Rum)
- [Syndrome of total hypercorticism in a patient with pheochromoblastoma] Gerasimenko PP, et al. *Probl Endokrinol (Mosk)* 20:38-41, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Caesarean section with simultaneous removal of pheochromoblastoma] Dolgorukov MI, et al. *Vesta Khir* 112:126, May 74 (Rus)

CONGENITAL

- Congenital neuroblastoma presenting as hydrops fetalis. Johnson AT Jr, et al. *NC Med J* 35:289-91, May 74
- [Inborn neuroblastoma of both suprarenal glands (author's transl)] Havers W, et al. *Med Klin* 69:635-6, 12 Apr 74 (Eng. Abstr.) (Ger)

DIAGNOSIS

- Pheochromocytoma. Van Way CW 3d, et al. *Curr Probl Surg* 1:59, Jun 74 (161 ref.)
- Preoperative blood transfusion in the safe surgical management of pheochromocytoma: a review of 46 cases. Deoreo GA Jr, et al. *J Urol* 111:715-21, Jun 74
- Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Hull RD, et al. *Med J Aust* 1:381-5, 16 Mar 74
- Congenital neuroblastoma presenting as hydrops fetalis. Johnson AT Jr, et al. *NC Med J* 35:289-91, May 74
- Endocrine profiles in the clinical laboratory. Bacchus H. *Prog Clin Pathol* 4:1-110, 1972 (217 ref.)
- [Neuroblastoma associated with a polymyoclonia-opsoclonia syndrome] Larbrisseau A,

- et al. *Union Med Can* 103:1691-4, Aug 73 (Eng. Abstr.) (Fre)
- [Usefulness of retroperitoneal pneumography in diagnosis of adrenal gland neoplasms] Bem Z, et al. *Poi Przegi Radiol* 38:103-6, 1974 (Eng. Abstr.) (Pol)
- [Case of extraadrenal pheochromocytoma] Sakharov MI, et al. *Probl Endokrinol (Mosk)* 20:50-1, Mar-Apr 74 (Rus)
- Paradoxical response to dexamethasone. A contribution to the differential diagnosis of adrenal hyperfunction? Serrera Contreras JL, et al. *Rev Iber Endocrinol* 21:127-48, Mar-Apr 74 (Eng. Abstr.) (Spa)

DRUG THERAPY

- Pheochromocytoma. Van Way CW 3d, et al. *Curr Probl Surg* 1:59, Jun 74 (161 ref.)
- Successful control of pheochromocytoma in pregnancy. Griffith MI, et al. *JAMA* 229:437-9, 22 Jul 74
- Therapeutic alternatives in hypertension. Brest AN, et al. *Lab Invest* 29:491-4, Oct 73 (15 ref.)

METABOLISM

- Biosynthesis of steroids from (14C)cholesterol, (3H) progesterone and (3H)pregnenolone by human adrenal carcinoma tissue. Nishida S, et al. *Clin Chim Acta* 52:97-103, Mar 74
- Ultrastructure, steroidogenic potential, and energy metabolism of the Snell adrenocortical carcinoma 494. A comparison with normal adrenocortical tissue. Kimmel GL, et al. *J Cell Biol* 62:152-63, Jul 74
- Differentiation between the steroidogenic effects of cholera enterotoxin and adrenocorticotropin through use of a mutant adrenal cell line. Donta ST. *J Infect Dis* 129:728-31, Jun 74
- The effect of cholera enterotoxin on steroidogenesis in cultured adrenal tumor cells. Wishnow RM, et al. *J Infect Dis* 129:690-5, Jun 74

OCCURRENCE

- Primary liver carcinoma. Linder GT, et al. *Cancer* 33:1624-9, Jun 74

PATHOLOGY

- Recurrence of benign pheochromocytoma by intraoperative implantation. Sivula A. *Acta Chir Scand* 140:334-9, 1974
- Functional black adenoma of the adrenal cortex. A rare cause of primary aldosteronism. Caplan RH, et al. *Am J Clin Pathol* 62:97-103, Jul 74
- Acute megakaryocytic myelofibrosis. Case report of an unusual myeloproliferative syndrome. Estevez JM, et al. *Am J Clin Pathol* 62:52-9, Jul 74
- Functional black adenoma of the adrenal gland. Light and electron microscopical study. Bahu RM, et al. *Arch Pathol* 98:139-42, Aug 74
- Pheochromocytoma. Van Way CW 3d, et al. *Curr Probl Surg* 1:59, Jun 74 (161 ref.)
- Ultrastructure, steroidogenic potential, and energy metabolism of the Snell adrenocortical carcinoma 494. A comparison with normal adrenocortical tissue. Kimmel GL, et al. *J Cell Biol* 62:152-63, Jul 74
- Differentiation between the steroidogenic effects of cholera enterotoxin and adrenocorticotropin through use of a mutant adrenal cell line. Donta ST. *J Infect Dis* 129:728-31, Jun 74
- The effect of cholera enterotoxin on steroidogenesis in cultured adrenal tumor cells. Wishnow RM, et al. *J Infect Dis* 129:690-5, Jun 74
- Myelolipoma of the kidney. Beraha D, et al. *J Urol* 112:19-21, Jul 74
- Congenital neuroblastoma presenting as hydrops fetalis. Johnson AT Jr, et al. *NC Med J* 35:289-91, May 74
- Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al. *Pathol Annu* 8:205-30, 1973 (62 ref.)
- Ultrastructural pathology of the adrenal cortex. Tannebaum M. *Pathol Annu* 8:109-56, 1973
- Malignant hypertension in a patient with Conn's syndrome. Baxter RH, et al. *Scott Med J* 19:161-3, Jul 74
- Calcification in benign adrenal adenoma. Paster SB, et al. *Urology* 3:646-8, May 74
- [Inborn neuroblastoma of both suprarenal glands

ADRENAL

ADRENOGENITAL

(author's transl)] Havers W, et al.
Med Klin 69:635-6, 12 Apr 74 (Eng. Abstr.) (Ger)
[Giant malignant myoma of the uterus] Zänker R, et al.
Zentralbl Gynaekol 96:496-502, 19 Apr 74 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al.
Pathol Annu 8:205-30, 1973 (62 ref.)
[Endocrine hypertension (author's transl)] Reck G, et al. Praxis 63:589-97, 14 May 74 (Eng. Abstr.) (Ger)

RADIOGRAPHY

Functional black adenoma of the adrenal gland. Light and electron microscopical study. Bahu RM, et al.
Arch Pathol 98:139-42, Aug 74
Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1-59, Jun 74 (161 ref.)
Preoperative blood transfusion in the safe surgical management of pheochromocytoma: a review of 46 cases. Deoreo GA Jr, et al. J Urol 111:715-21, Jun 74
Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Hull RD, et al. Med J Aust 1:381-5, 16 Mar 74
Calcification in benign adrenal adenoma. Paster SB, et al. Urology 3:646-8, May 74

RADIOTHERAPY

[Neuroblastoma associated with a polymyoclonia-opsoclonia syndrome] Larbrisseau A, et al.
Union Med Can 103:1691-4, Aug 73 (Eng. Abstr.) (Fre)

SURGERY

Recurrence of benign pheochromocytoma by intraoperative implantation. Sivula A.
Acta Chir Scand 140:334-9, 1974
Functional black adenoma of the adrenal cortex. A rare cause of primary aldosteronism. Caplan RH, et al.
Am J Clin Pathol 62:97-103, Jul 74
Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)
Functional black adenoma of the adrenal gland. Light and electron microscopical study. Bahu RM, et al.
Arch Pathol 98:139-42, Aug 74
Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1-59, Jun 74 (161 ref.)
Preoperative blood transfusion in the safe surgical management of pheochromocytoma: a review of 46 cases. Deoreo GA Jr, et al. J Urol 111:715-21, Jun 74
Successful control of pheochromocytoma in pregnancy. Griffith MI, et al. JAMA 229:437-9, 22 Jul 74
Therapeutic alternatives in hypertension. Brest AN, et al. Lab Invest 29:491-4, Oct 73 (15 ref.)
Calcification in benign adrenal adenoma. Paster SB, et al. Urology 3:646-8, May 74
[Adrenal gland surgery in 1973. 3. Primary hyperaldosteronism, Conn's syndrome] Coquillaud JP, et al.
J Chir (Paris) 106:609-31, Dec 73 (Eng. Abstr.) (Fre)
[Neuroblastoma associated with a polymyoclonia-opsoclonia syndrome] Larbrisseau A, et al.
Union Med Can 103:1691-4, Aug 73 (Eng. Abstr.) (Fre)
[Surgery in hypertension (author's transl)] Pichlmaier H.
Munch Med Wochenschr 116:629-32, 22 Mar 74 (Eng. Abstr.) (Ger)
[Renal artery stenosis and pheochromocytoma] Weiss M, et al. Verh Dtsch Ges Inn Med 79:812-4, 1973 (Ger)
[Case of extraadrenal pheochromocytoma] Sakharov MI, et al.
Probl Endokrinol (Mosk) 20:50-1, Mar-Apr 74 (Rus)
[Caesarean section with simultaneous removal of pheochromoblastoma] Dolgorukov MI, et al.
Vestn Khir 112:126, May 74 (Rus)

THERAPY

[Pheochromocytoma] Yoshinaga K.
Clin Endocrinol (Tokyo) 22:54-5, Jan 74 (Jap)

URINE

Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1-59, Jun 74 (161 ref.)
Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Hull RD, et al. Med J Aust 1:381-5, 16 Mar 74
[Electrocardiographic changes in patients with pheochromocytoma] Dąbrowska B, et al.
Kardiol Pol 17:161-7, 1974 (Pol)

ADRENAL GLANDS

ABNORMALITIES

Letter: Congenital adrenal hypoplasia. Szalay GC.
Obstet Gynecol 43:924, Jun 74

ADRENOGENITAL SYNDROME

BLOOD

[Urinary aldosterone excretion, plasma renin activity and certain indicators of potassium and sodium metabolism in patients with congenital virilizing hyperplasia of the adrenal cortex] Egart FM, et al.
Probl Endokrinol (Mosk) 20:42-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
[Sex determination in the disorders of sexual development by cytogenetical study of blood] Lakiza BS, et al. Sud Med Ekspert 17:31-3, Apr-Jun 74 (Rus)

COMPLICATIONS

Postpubertal adrenogenital syndrome. Treatable cause of infertility. Grayzel EF.
NY State J Med 74:1038-9, Jun 74
[Urinary aldosterone excretion, plasma renin activity and certain indicators of potassium and sodium metabolism in patients with congenital virilizing hyperplasia of the adrenal cortex] Egart FM, et al.
Probl Endokrinol (Mosk) 20:42-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

DIAGNOSIS

Postpubertal adrenogenital syndrome. Treatable cause of infertility. Grayzel EF.
NY State J Med 74:1038-9, Jun 74
[Diagnosis of the causes of the forme fruste fo virilization at the age of puberty] Manuilova IA, et al.
Aktuel Probl Klin Blochem 49:70-4, Jul 73 (Rus)

DRUG THERAPY

Postpubertal adrenogenital syndrome. Treatable cause of infertility. Grayzel EF.
NY State J Med 74:1038-9, Jun 74
[Adrenogenital syndrome (in children): pediatric aspect] Igarashi Y.
Clin Endocrinol (Tokyo) 22:216-7, Jan 74 (Jap)

ETIOLOGY

[Adrenogenital syndrome (in children): urological aspect] Komase M.
Clin Endocrinol (Tokyo) 22:212-4, Jan 74 (Jap)

FAMILIAL & GENETIC

[Sex determination in the disorders of sexual development by cytogenetical study of blood] Lakiza BS, et al. Sud Med Ekspert 17:31-3, Apr-Jun 74 (Rus)

METABOLISM

[Urinary aldosterone excretion, plasma renin activity and certain indicators of potassium and sodium metabolism in patients with congenital virilizing hyperplasia of the adrenal cortex] Egart FM, et al.
Probl Endokrinol (Mosk) 20:42-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
[Metabolism of estrogens in the adrenogenital syndrome] Serrera Contreras JL.
Rev Iber Endocrinol 21:217-38, May 74 (Eng. Abstr.) (Spa)

ADRENOGENITAL

PATHOLOGY

Ultrastructural pathology of the adrenal cortex.
Tannebaum M. *Pathol Annu* 8:109-56, 1973

PHYSIOPATHOLOGY

[Role of androgenic hormones in the formation of the gonadotropic function of the hypothalamo-hypophyseal system in girls at different stages of ontogenesis] Tkachenko NM, et al.
Aktuel Probl Klin Biochem 49:61-4, Jul 73 (Eng. Abstr.) (Rus)

SURGERY

[Adrenogenital syndrome (in adults)] Komase M.
Clin Endocrinol (Tokyo) 22:218-9, Jan 74 (Jap)

THERAPY

[Adrenal gland surgery in 1973. 3. Primary hyperaldosteronism, Conn's syndrome] Coquillaud JP, et al.
J Chir (Paris) 106:609-31, Dec 73 (Eng. Abstr.) (Fre)
[Adrenogenital syndrome (in children): urological aspect] Komase M.
Clin Endocrinol (Tokyo) 22:212-4, Jan 74 (Jap)

URINE

[Urinary aldosterone excretion, plasma renin activity and certain indicators of potassium and sodium metabolism in patients with congenital virilizing hyperplasia of the adrenal cortex] Egart FM, et al.
Probl Endokrinol (Mosk) 20:42-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
[Metabolism of estrogens in the adrenogenital syndrome] Serrera Contreras JL.
Rev Iber Endocrinol 21:217-38, May 74 (Eng. Abstr.) (Spa)

CUSHING'S SYNDROME

BLOOD

Hyperresponsiveness to lysine-vasopressin in Cushing's disease. Coslovsky R, et al.
Acta Endocrinol (Kbh) 75:125-32, Jan 74
Adrenal contribution to plasma oestrogens in adrenal disorders. Yuen BH, et al.
Acta Endocrinol (Kbh) 76:117-26, May 74
A study of the diurnal variation of plasma cortisol in normal subjects and hospitalised patients in Zambia. Lewis KO, et al. *East Afr Med J* 51:15-9, Jan 74
Cortisol and cortisol binding characteristics in girls with "cushingoid" syndrome. Krawczuk A, et al. *Endokrinologie* 62:350-8, 1973
The testis in Cushing's syndrome. Gabrilove JL, et al. *J Urol* 112:95-9, Jul 74
Response of plasma aldosterone to postural change, diuretics, angiotensin II, sodium restriction or loading and prostaglandin. Ito T, et al.
Jap Heart J 14:518-30, Nov 73
[Determination of interferon formation by blood leukocytes in patients with endocrine diseases] Solov'ev VD, et al.
Probl Endokrinol (Mosk) 20:21-4, Mar-Apr 74 (Eng. Abstr.) (Rus)
[Pathways of glucocorticoid influence on erythropoiesis] Riabov SI, et al.
Probl Gematol Pereliv Krovi 19:48-51, 1974 (Eng. Abstr.) (Rus)

CHEMICALLY INDUCED

[Steroid-induced mediastinal lipomatosis following kidney transplantation] Wolf A, et al.
Wien Z Inn Med 54:248-53, 1973 (Eng. Abstr.) (Ger)
[Current problems of corticosteroid therapy] Böttger G. *Z Aerzt Fortbild (Jena)* 68:166-73, 15 Feb 74 (Ger)

COMPLICATIONS

Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)
Tumour-associated hormonal products. Landon J, et al.
J Clin Pathol [Suppl] 7:127-34, 1974 (58 ref.)
The testis in Cushing's syndrome. Gabrilove JL, et al.
J Urol 112:95-9, Jul 74

ADRENAL

Washout urography. Its value in the diagnosis of renovascular hypertension. Dorph S, et al.
Scand J Urol Nephrol 8:132-7, 1974

[Morphology, clinical features, diagnosis, and treatment of Zollinger-Ellison syndrome (author's transl)] Arnold R, et al.
Dtsch Med Wochenschr 99:607-16, 29 Mar 74 (Eng. Abstr.) (Ger)
[Hypercalciuria--nephrocalcinosis-- and calcium calculi of the kidney. Differential diagnosis and clinical aspects of pathological renal calcium transport] Heldbreder E, et al.
Dtsch Med Wochenschr 99:586-590, 22 Mar 74 (29 ref.) (Ger)
[Endocrine hypertension (author's transl)] Reck G, et al. *Praxis* 63:589-97, 14 May 74 (Eng. Abstr.) (Ger)
[Diagnosis and clinical aspects of arterial hypertension] Sacchetti C.
Arch E Maragliano Patol Clin 29:73-83, Jan 73 (Eng. Abstr.) (Ita)

DIAGNOSIS

Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)
A study of the diurnal variation of plasma cortisol in normal subjects and hospitalised patients in Zambia. Lewis KO, et al. *East Afr Med J* 51:15-9, Jan 74
Successful removal of adrenal remnant localized by 131-I-iodocholesterol. Herwig KR, et al.
J Urol 111:713-4, Jun 74
[Cushing's syndrome] Inayashi H, et al.
Clin Endocrinol (Tokyo) 22:42-8, Jan 74 (Jap)
[Determinations of PBI and T3] Verreschi IN, et al.
Rev Paul Med 82:129-32, Sep-Oct 73 (Eng. Abstr.) (Por)
Paradoxical response to dexamethasone. A contribution to the differential diagnosis of adrenal hyperfunction? Serrera Contreras JL, et al.
Rev Iber Endocrinol 21:127-48, Mar-Apr 74 (Eng. Abstr.) (Spa)

DRUG THERAPY

Cortisol and cortisol binding characteristics in girls with "cushingoid" syndrome. Krawczuk A, et al.
Endokrinologie 62:350-8, 1973
[Letter to the editor] Komissarenko VP.
Klin Med (Mosk) 51:143-4, Sep 73 (Rus)
[Pathways of glucocorticoid influence on erythropoiesis] Riabov SI, et al.
Probl Gematol Pereliv Krovi 19:48-51, 1974 (Eng. Abstr.) (Rus)
[Influence of corticosteroids on insulin and growth hormone secretion] Durán S, et al.
Rev Clin Esp 132:41-6, 15 Jan 74 (Eng. Abstr.) (Spa)

ETIOLOGY

Hyperresponsiveness to lysine-vasopressin in Cushing's disease. Coslovsky R, et al.
Acta Endocrinol (Kbh) 75:125-32, Jan 74
Functional black adenoma of the adrenal gland. Light and electron microscopical study. Bahu RM, et al.
Arch Pathol 98:139-42, Aug 74
Recovery of hypothalamic-pituitary-adrenal function, growth hormone responsiveness and sleep EEG pattern in a patient following removal of an adrenal cortical adenoma. Krieger DT, et al.
J Clin Endocrinol Metab 38:1075-82, Jun 74

IMMUNOLOGY

[Immunoendocrinology] Niederer W.
Schweiz Med Wochenschr 104:841-7, 15 Jun 74 (87 ref.) (Eng. Abstr.) (Ger)
[Determination of interferon formation by blood leukocytes in patients with endocrine diseases] Solov'ev VD, et al.
Probl Endokrinol (Mosk) 20:21-4, Mar-Apr 74 (Eng. Abstr.) (Rus)

OCCURRENCE

Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)

PATHOLOGY

Functional black adenoma of the adrenal gland. Light

- and electron microscopical study. Bahu RM, et al. *Arch Pathol* 98:139-42, Aug 74
- The testis in Cushing's syndrome. Gabrilove JL, et al. *J Urol* 112:95-9, Jul 74
- Successful removal of adrenal remnant localized by 131-I-19-iodocholesterol. Herwig KR, et al. *J Urol* 111:713-4, Jun 74
- Ultrastructural pathology of the adrenal cortex. Tannebaum M. *Pathol Annu* 8:109-56, 1973
- [Pubertal-adolescent dyspituitarism in girls] Mirimanova RP, et al.
- Aktuel Probl Klin Biochem* 49:64-7, Jul 73 (Rus)

PHYSIOPATHOLOGY

- The testis in Cushing's syndrome. Gabrilove JL, et al. *J Urol* 112:95-9, Jul 74
- [Endocrine hypertension (author's transl)] Reck G, et al. *Praxis* 63:589-97, 14 May 74 (Eng. Abstr.) (Ger)
- [Influence of corticosteroids on insulin and growth hormone secretion] Durán S, et al.
- Rev Clin Esp* 132:41-8, 15 Jan 74 (Eng. Abstr.) (Spa)

RADIOGRAPHY

- Functional black adenoma of the adrenal gland. Light and electron microscopical study. Bahu RM, et al. *Arch Pathol* 98:139-42, Aug 74

SURGERY

- Adrenal causes of hypertension. Kaplan NN. *Arch Intern Med* 133:1001-6, Jun 74 (49 ref.)
- Functional black adenoma of the adrenal gland. Light and electron microscopical study. Bahu RM, et al. *Arch Pathol* 98:139-42, Aug 74
- Successful removal of adrenal remnant localized by 131-I-19-iodocholesterol. Herwig KR, et al. *J Urol* 111:713-4, Jun 74

THERAPY

- [Cushing's syndrome] Ihayashi H, et al. *Clin Endocrinol (Tokyo)* 22:42-8, Jan 74 (Jap)

URINE

- Cortisol and cortisol binding characteristics in girls with "cushingoid" syndrome. Krawczuk A, et al. *Endokrinologie* 62:350-8, 1973
- The testis in Cushing's syndrome. Gabrilove JL, et al. *J Urol* 112:95-9, Jul 74

HYPERALDOSTERONISM

BLOOD

- Adrenal contribution to plasma oestrogens in adrenal disorders. Yuen BH, et al. *Acta Endocrinol (Kbh)* 76:117-26, May 74
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Response of plasma aldosterone to postural change, diuretics, angiotensin II, sodium restriction or loading and prostaglandin. Ito T, et al. *Jap Heart J* 14:518-30, Nov 73
- Present day management of hypertension. Munro AB, et al. *South Med J* 67:847-52, Jul 74 (15 ref.)
- [Primary hypo- and hyperreninism] Werning C. *Internist (Berlin)* 15:174-6, Mar 74 (21 ref.) (Ger)

COMPLICATIONS

- Adrenal causes of hypertension. Kaplan NN. *Arch Intern Med* 133:1001-6, Jun 74 (49 ref.)
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Water and electrolyte alterations during the life course of the BIO 14.6 Syrian golden hamster. A disease model of a hereditary cardiomyopathy. Lossnitzer K, et al. *J Mol Cell Cardiol* 6:163-77, Apr 74
- Washout urography. Its value in the diagnosis of renovascular hypertension. Dorph S, et al. *Scand J Urol Nephrol* 8:132-7, 1974
- Malignant hypertension in a patient with Conn's syndrome. Baxter RH, et al.
- Scott Med J* 19:161-3, Jul 74

- Present day management of hypertension. Munro AB, et al. *South Med J* 67:847-52, Jul 74 (15 ref.)
- [Hypertension. Diagnosis and therapy in the practice] Fieischer H, et al.
- Fortschr Med* 92:722-4, 13 Jun 74 (Eng. Abstr.) (Ger)
- [Endocrine hypertension (author's transl)] Reck G, et al. *Praxis* 63:589-97, 14 May 74 (Eng. Abstr.) (Ger)
- [Aldosteronism in cardiopulmonary diseases] Bolte HD, et al. *Z Allgemeinmed* 50:583-5, 30 Apr 74 (Ger)
- [Primary and secondary aldosteronism in hypertension] Mertz DP. *Z Allgemeinmed* 50:566-71, 30 Apr 74 (Ger)
- [Sodium-potassium ratio and electrical potential of colon in the screening of hyperaldosteronism (author's transl)] Pessina AC, et al.
- G Ital Cardiol* 4:167-72, 1974 (Eng. Abstr.) (Ita)

DIAGNOSIS

- Adrenal causes of hypertension. Kaplan NN. *Arch Intern Med* 133:1001-6, Jun 74 (49 ref.)
- Present day management of hypertension. Munro AB, et al. *South Med J* 67:847-52, Jul 74 (15 ref.)
- [Pseudo-syndrome of Bartter (author's transl)] Bonard EC. *Praxis* 63:739-43, 18 Jun 74 (Eng. Abstr.) (Fre)
- [Efficacy and limits of diagnostic procedures in hypertension] Jahnecke J. *Internist (Berlin)* 15:132-8, Mar 74 (Ger)
- [Value of determination of exchangeable sodium in the diagnosis and evaluation of therapy in primary hyperaldosteronism] Lechi A, et al. *Folia Endocrinol (Roma)* 27:212-23, Apr 74 (Eng. Abstr.) (Ita)
- [Sodium-potassium ratio and electrical potential of colon in the screening of hyperaldosteronism (author's transl)] Pessina AC, et al. *G Ital Cardiol* 4:167-72, 1974 (Eng. Abstr.) (Ita)
- [Present trends in the diagnosis of primary hyperaldosteronism] Ripa R. *G Ital Cardiol* 4:270-6, 1974 (72 ref.) (Ita)
- [Primary hyperaldosteronism. (Analysis of 5 cases)] Manasia M, et al.
- Med Interna (Bucur)* 26:435-44, Apr 74 (Eng. Abstr.) (Rum)

DRUG THERAPY

- Adrenal causes of hypertension. Kaplan NN. *Arch Intern Med* 133:1001-6, Jun 74 (49 ref.)
- Therapeutic alternatives in hypertension. Brest AN, et al. *Lab Invest* 29:491-4, Oct 73 (15 ref.)
- Proceedings: Diuretics and potassium metabolism. Wilson GM. *Scott Med J* 19:149-50, May 74
- [Aldosteronism in liver diseases] Wildhirt E. *Z Allgemeinmed* 50:580-2, 30 Apr 74 (Ger)
- [New aspects of the use of spironolactone and its association with thiazide (per os and in injections) in the treatment of grave cardiac insufficiency] Căruntu M, et al.
- Med Interna (Bucur)* 26:177-88, Feb 74 (Eng. Abstr.) (Rum)

ETIOLOGY

- Functional black adenoma of the adrenal cortex. A rare cause of primary aldosteronism. Caplan RH, et al. *Am J Clin Pathol* 62:97-103, Jul 74
- Editorial: Reninism. *J Assoc Physicians India* 21:710-2, Aug 73
- [Aldosterone-Aldosteronism] Scheler F. *Z Allgemeinmed* 50:572-5, 30 Apr 74 (Ger)
- [Value of determination of exchangeable sodium in the diagnosis and evaluation of therapy in primary hyperaldosteronism] Lechi A, et al. *Folia Endocrinol (Roma)* 27:212-23, Apr 74 (Eng. Abstr.) (Ita)
- [Present trends in the diagnosis of primary hyperaldosteronism] Ripa R. *G Ital Cardiol* 4:270-6, 1974 (72 ref.) (Ita)
- [Primary hyperaldosteronism. (Analysis of 5 cases)] Manasia M, et al.
- Med Interna (Bucur)* 26:435-44, Apr 74 (Eng. Abstr.) (Rum)

FAMILIAL & GENETIC

- Familial renal dysplasia with sodium wasting and hypokalemic alkalosis. Walker SH, et al. *Am J Dis Child* 127:882-7, Jun 74

METABOLISM

Renal handling of calcium and phosphate during mineralocorticoid "escape" in man. Rastegar A, et al. *Kidney Int* 2:279-86, Nov 72

[Efficacy and limits of diagnostic procedures in hypertension] Jahnecke J.

Internist (Berlin) 15:132-8, Mar 74 (Ger)

[Aldosteronism in liver diseases] Wildhirt E.

Z Allgemeinmed 50:580-2, 30 Apr 74 (Ger)

[Primary and secondary aldosteronism and electrolyte (author's transl)] Yamamoto T, et al.

Jap J Clin Pathol 22:106-10, Feb 74 (Jap)

OCCURRENCE

Adrenal causes of hypertension. Kaplan NN.

Arch Intern Med 133:1001-6, Jun 74 (49 ref.)

PATHOLOGY

Ultrastructural pathology of the adrenal cortex.

Tannebaum M. *Pathol Annu* 8:109-56, 1973

PHYSIOPATHOLOGY

Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Vetter H, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74

[Endocrine hypertension (author's transl)] Reck G, et al. *Praxis* 63:589-97, 14 May 74 (Eng. Abstr.) (Ger)

[Cardiovascular reflexes in primary aldosteronism] Philipp T, et al.

Verh Dtsch Ges Inn Med 79:784-6, 1973 (Ger)

SURGERY

Adrenal causes of hypertension. Kaplan NN.

Arch Intern Med 133:1001-6, Jun 74 (49 ref.)

[Adrenal gland surgery in 1973. 3. Primary hyperaldosteronism, Conn's syndrome] Coquillaud JP, et al.

J Chir (Paris) 106:809-31, Dec 73 (Eng. Abstr.) (Fre)

[Primary hyperaldosteronism. (Analysis of 5 cases)]

Manasia M, et al.

Med Interna (Bucur) 26:435-44, Apr 74 (Eng. Abstr.) (Rum)

THERAPY

[Value of determination of exchangeable sodium in the diagnosis and evaluation of therapy in primary hyperaldosteronism] Lechi A, et al.

Folia Endocrinol (Roma) 27:212-23, Apr 74 (Eng. Abstr.) (Ita)

[Aldosteronism] Shimizu N.

Clin Endocrinol (Tokyo) 22:50-1, Jan 74 (Jap)

URINE

Renal handling of calcium and phosphate during mineralocorticoid "escape" in man. Rastegar A, et al. *Kidney Int* 2:279-86, Nov 72

WATERHOUSE-FRIDERICHSEN SYNDROME

BLOOD

[Meningococcemia and disseminated intravascular coagulation (DIC). Reports of 2 cases] Nielsen G, et al. *Ugeskr Laeger* 136:1156-8, 20 May 74 (Eng. Abstr.) (Dan)

COMPLICATIONS

[Meningococcemia and disseminated intravascular coagulation (DIC). Reports of 2 cases] Nielsen G, et al. *Ugeskr Laeger* 136:1156-8, 20 May 74 (Eng. Abstr.) (Dan)

ADRENAL

III. Adrenal Cortex Hormones, Precursors, Metabolites and Synthetic Analogs

ADRENAL CORTEX HORMONES

ADMINISTRATION & DOSAGE

- Frozen shoulder: treatment by local injections of depot corticosteroids. Steinbrocker O, et al.
Arch Phys Med Rehabil 55:209-13, May 74
- The medical and surgical treatment of nasal polyps. Myers D, et al. *Laryngoscope* 84:833-47, May 74
- Joint and soft tissue injection therapy in rheumatology. Dick-Smith JB. *Med J Aust* 1:539-40, 6 Apr 74
- Alpha- and beta-cell interrelationships in health and disease. Unger RH.
Metabolism 23:581-93, Jun 74 (88 ref.)
- Treatment of severe asthma. Franklin W.
N Engl J Med 290:1469-72, 27 Jun 74
- Asutural maxillary vestibuloplasty. Maloney PL, et al.
Oral Surg 37:858-62, Jun 74
- Massive pulmonary embolism: a plan of medical management. Bryant LR, et al.
South Med J 67:825-9, Jul 74
- Short-term cyclophosphamide in corticosteroid treated childhood nephrosis. Sheth KJ, et al.
Wis Med J 73:55-60, May 74
- [Long-term study of the idiopathic nephrotic syndrome in childhood (87 children of the Pediatric clinic in Erlangen from 1948-1973) (author's transl)] Anders D, et al. *Klin Paediatr* 186:3-8, Jan 74 (Eng. Abstr.) (Ger)
- [Experiences with alternating corticoid therapy of chronic polyarthritis] Wittenborg A, et al.
Verh Dtsch Ges Inn Med 79:1417-9, 1973 (Ger)
- [Corticoids and glaucoma] Chrzanowska-Srzednicka K. *Klin Oczna* 44:421-3, May 74 (Pol)

ADVERSE EFFECTS

- Teratogenicity from drugs--an increasing problem. Shepard TH. *DM* 1:32, Jun 74
- Improving psychiatric drug therapy. A matter of dosage and choice. Cole JO, et al.
Geriatrics 29:74-8, Jun 74
- Letter: Corticosteroids in Guillain-Barré syndrome. Herxheimer A. *Lancet* 1:1284, 22 Jun 74
- [Driving ability as influenced by various drugs] Hauck G, et al. *Med Klin* 69:525-9, 29 Mar 74 (4 ref.)
- Calcium and phosphate metabolism and the bone. Morgan DB. *Prog Surg* 10:24-75, 1972 (111 ref.)
- Ocular manifestations of rheumatic disorders. Natural and iatrogenic. Henkind P, et al.
Rheumatology 4:13-59, 1973 (125 ref.)
- Keratocystosis: a preventable disease. Thygeson P, et al.
Trans Am Acad Ophthalmol Otolaryngol 78:op433-9, May-Jun 74
- [Contraindicated medications in ocular hypertension] Rigal D, et al.
Rev Prat 23:3123-4 passim, 21 Jun 73 (Eng. Abstr.) (Fre)
- [Curative treatment of Dühring-Brocq disease using BCG vaccination (part 2)] Bolger M.
Sem Hop Paris 49:3497-507, 20 Dec 73 (Eng. Abstr.) (Fre)
- [Cytological and ultrastructural study of a case of genital herpes during acute leukemia] Siebert S, et al.
Sem Hop Paris 49:3549-56, 20 Dec 73 (Eng. Abstr.) (Fre)
- [Value and limitations of aerosol corticosteroids in asthma] Sadoul P, et al.
Thérapeutique 49:713-6, Dec 73 (Fre)
- [Roentgen symptoms of Candida-esophagitis] Keller H, et al.
Fortschr Geb Roentgenstr Nuklearmed 120:365-7, Mar 74 (Ger)
- [Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hanneemann HR.
Med Klin 69:513-24, 29 Mar 74 (136 ref.) (Ger)
- [Prophylaxis against osteoporosis in corticosteroid therapy with sodium fluoride (author's transl)]

Krokowski E.

- Med Klin* 69:437-41, 8 Mar 74 (Eng. Abstr.) (Ger)
- [Therapy with sodium fluoride in osteoporosis due to corticoids] Deneke C.
Med Monatsschr 27:469-71, Oct 73 (Ger)
- [Questions and answers on the subject of "fungi control"] Rleth H. *Mykosen* 17:65-7, 1 Mar 74 (Ger)
- [Treatment of chronic cor pulmonale and its dangers] Ellorhaoui M.
Z Aerzt Fortbild (Jena) 68:116-20, 1 Feb 74 (Ger)
- [Ischemic necrosis of the femur head after renal transplantation] Torre C, et al.
Minerva Med 65:1677-9, 21 Apr 74 (Eng. Abstr.) (Ita)
- [Adverse effects after local application of corticosteroids] Thune PO.
Tidsskr Nor Laegeforen 94:1202-3, 30 Jun 74 (Nor)
- [Corticoids and glaucoma] Chrzanowska-Srzednicka K. *Klin Oczna* 44:421-3, May 74 (Pol)
- [Pyodermitis as a complication of corticosteroid therapy] Samarina AG, et al.
Vestn Dermatol Venerol 47:35-40, Dec 73 (Eng. Abstr.) (Rus)
- [Special problems of juvenile rheumatoid arthritis] Anttila R, et al.
Lakartidningen 71:2388-97, 5 Jun 74 (Eng. Abstr.) (Swe)
- [Dermatological problems in geriatric care] Linder L. *Lakartidningen* 70:2821-9, 15 Aug 73 (Eng. Abstr.) (Swe)

ANALYSIS

- The effect of calcium concentration on ACTH stimulation of steroidogenesis in mouse adrenal tumor cells. Wishnow RM, et al.
J Cell Physiol 83:419-23, Jun 74
- The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al. *Steroids* 23:443-54, Mar 74
- [Changes in the gas-chromatographic pattern of urinary steroids induced with prolonged corticotropin stimulation] Molino G, et al.
Folia Endocrinol (Roma) 27:272-8, Jun 74 (Eng. Abstr.) (Ita)

ANTAGONISTS & INHIBITORS

- Effect of "medical" and surgical adrenalectomy on the ventral prostate and other accessory sex glands of the male rat. Mobbs BG, et al. *Can J Surg* 17:162-6, May 74

BIOSYNTHESIS

- Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. Daly JR, et al.
Br Med J 2:521-4, 8 Jun 74
- Effects of inhibition of steroid biosynthesis on the lymphoid system. Morales A, et al.
Invest Urol 12:54-6, Jul 74
- The effect of calcium concentration on ACTH stimulation of steroidogenesis in mouse adrenal tumor cells. Wishnow RM, et al.
J Cell Physiol 83:419-23, Jun 74
- Differentiation between the steroidogenic effects of cholera enterotoxin and adrenocorticotropin through use of a mutant adrenal cell line. Donta ST.
J Infect Dis 129:728-31, Jun 74
- The effect of cholera enterotoxin on steroidogenesis in cultured adrenal tumor cells. Wishnow RM, et al.
J Infect Dis 129:690-5, Jun 74
- Proceedings: Study on the corticoidogenesis regulation in the isolated mitochondria inner membrane. Kawamura M, et al.
Jap J Pharmacol 24:Suppl:125, 1974
- Proceedings: Functional and morphological changes occurring in rat adrenal zona glomerulosa cells in monolayer culture. Hornsby PJ, et al.
N Engl J Med 291:67-8, 11 Jun 74

ADRENAL CORTEX

The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al. *Steroids* 23:443-54, Mar 74
Effect of corticosterone and cortisol on corticosteroidogenesis in isolated rat adrenal cells. Abe K, et al. *Tohoku J Exp Med* 112:195-6, Feb 74
[Laboratory animals for gerontological research] Osawa N. *Jap J Clin Med* 32:37-46, Jan 74 (34 ref.) (Jap)
[Effect of 6-methylthiouracil and cholesterol on corticosteroid biosynthesis in the adrenal glands of dogs] Tselomik VA. *Probl Endokrinol (Mosk)* 20:84-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

BLOOD

Effect of pregnancy serum on experimental inflammation. Persellin RH, et al. *Br J Exp Pathol* 55:26-32, Feb 74
Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. Daly JR, et al. *Br Med J* 2:521-4, 8 Jun 74
The influence of maternal nutrition on plasma hormone and metabolite concentrations of foetal lambs. Bassett JM, et al. *J Endocrinol* 61:465-77, Jun 74
Inhibitory effect of foetal alpha 2 globulin, an acute phase protein, on carrageenin oedema in the rat. Gool J van, et al. *J Pathol* 112:245-62, Apr 74
The integrative approach in medicine-implications of neuroendocrine mechanisms. Mason JW. *Perspect Biol Med* 17:333-47, Spring 74
Competitive protein-binding assay for corticoids in the peripheral plasma of the immature chicken. Buckland RB, et al. *Poult Sci* 53:241-5, Jan 74
The effect of minor tranquilizers on stress-induced increases in rat plasma corticosteroids. Lahti RA, et al. *Psychopharmacologia* 35:215-20, 27 Feb 74
[Effect of hydrocortisone on the multilineal activity of the reticular formation of the mesencephalon] Filaretov AA, et al. *Fiziol Zh SSSR* 59:1678-82, Nov 73 (Eng. Abstr.) (Rus)
[Noradrenaline content in the animal brain following removal of the adrenal glands] Rakitkaia VV, et al. *Fiziol Zh SSSR* 59:1337-40, Sep 73 (Eng. Abstr.) (Rus)
[Metabolic adaptation of the myocardium to physical load depending on its functional state] Korge PK, et al. *Kardiologia* 14:66-72, Apr 74 (Eng. Abstr.) (Rus)
[Characteristics of the postoperative period in children] Isakov IuF, et al. *Vestn Khir* 111:67-71, Oct 73 (Eng. Abstr.) (Rus)

CHEMICAL SYNTHESIS

[Quality control by physicochemical methods of prepared drug forms containing corticosteroids. I. The spectrophotometric determination of hydrocortisone acetate in an ointment] Bobkova LN, et al. *Farm Zh* 28:29-33, Nov-Dec 73 (Eng. Abstr.) (Ukr)

CYTOLOGY

Ultrastructure, steroidogenic potential, and energy metabolism of the Snell adrenocortical carcinoma 494. A comparison with normal adrenocortical tissue. Kimmel GL, et al. *J Cell Biol* 62:152-63, Jul 74

DRUG EFFECTS

Ultrastructure, steroidogenic potential, and energy metabolism of the Snell adrenocortical carcinoma 494. A comparison with normal adrenocortical tissue. Kimmel GL, et al. *J Cell Biol* 62:152-63, Jul 74

METABOLISM

Ultrastructure, steroidogenic potential, and energy metabolism of the Snell adrenocortical carcinoma 494. A comparison with normal adrenocortical tissue. Kimmel GL, et al. *J Cell Biol* 62:152-63, Jul 74
Riboflavin and adrenal cortex. *Nutr Rev* 31:95-6, Mar 73 (6 ref.)
Endocrine profiles in the clinical laboratory. Bacchus H. *Frog Clin Pathol* 4:1-110, 1972 (217 ref.)
[Effect of artificial atmospheric ionization on urinary sodium and potassium excretion] Ollivereau JM. *C R Acad Sci [D] (Paris)* 276:777-80, 29 Jan 73 (Fre)
[Syndrome of total hypercorticism in a patient with

ADRENAL

pheochromoblastoma] Gerasimenko PP, et al. *Probl Endokrinol (Mosk)* 20:38-41, Mar-Apr 74 (Eng. Abstr.) (Rus)

PATHOLOGY

Ultrastructure, steroidogenic potential, and energy metabolism of the Snell adrenocortical carcinoma 494. A comparison with normal adrenocortical tissue. Kimmel GL, et al. *J Cell Biol* 62:152-63, Jul 74

PHARMACODYNAMICS

Effect of pregnancy serum on experimental inflammation. Persellin RH, et al. *Br J Exp Pathol* 55:26-32, Feb 74
Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. Daly JR, et al. *Br Med J* 2:521-4, 8 Jun 74
Proceedings: The role of catecholamines in the regulation of crypt cell proliferation. 3. Adrenalectomy. Tutton PJ. *J Anat* 116:468, Dec 73
Proceedings: Corticosteroid feedback at the pituitary level. Brush FR, et al. *N Engl J Med* 291:ixivlxv, 11 Jun 74
Letter: Cyclophosphamide activation and corticosteroids. Faber OK, et al. *N Engl J Med* 291:211, 25 Jul 74
Radioimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74
[Androgens, corticosteroids and erythropoiesis] Bouvenot G, et al. *Cah Med* 14:1017-23, 30 Nov 73 (Fre)
[Reflexphotometric determinations of vasoconstriction after topical application of steroids. II. Influence of solvents (author's transl)] Altmeyer P, et al. *Arch Dermatol Forsch* 248:387-90, 20 Feb 74 (Eng. Abstr.) (Ger)
[Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hannemann HR. *Med Klin* 69:513-24, 29 Mar 74 (136 ref.) (Ger)
[Dysfunction of phagocytosis with special reference to chronic granulomatous disease] Usui T, et al. *Jap J Clin Med* 31:1051-75, May 73 (220 ref.) (Jap)
[Effects of corticosteroids on experimental epileptogenic foci] Domzal T, et al. *Neurol Neurochir Pol* 8:397-401, May-Jun 74 (Eng. Abstr.) (Pol)

PHYSIOLOGY

Age-dependent regulation of mammalian DNA synthesis and cell division in vivo by glucocorticoids. Roth GS, et al. *Exp Gerontol* 9:27-31, Feb 74
Regulation of isoproterenol-stimulated DNA synthesis in rat salivary gland in vivo by adrenal glucocorticoids. Roth GS, et al. *Exp Gerontol* 9:13-26, Feb 74
Review: The endocrine glands in infantile malnutrition. Godard C. *Helv Paediatr Acta* 29:5-26, Apr 74 (113 ref.)
Proceedings: The role of catecholamines in the regulation of crypt cell proliferation. 3. Adrenalectomy. Tutton PJ. *J Anat* 116:468, Dec 73
Proceedings: Neuroendocrinology of lactation. Meites J. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)
Proceedings: Neural and humoral control of apocrine glands. Robertshaw D. *J Invest Dermatol* 63:160-7, Jul 74 (50 ref.)
Adrenal function and macromolecular transport across rat intestine. *Nutr Rev* 32:185-8, Jun 74 (12 ref.)
Endocrine profiles in the clinical laboratory. Bacchus H. *Frog Clin Pathol* 4:1-110, 1972 (217 ref.)
[Morphological examination of the epithelium of the pharyngeal tonsil, with special reference to reticulation] Mootz W. *Ann Univ Sarav [Med]* 20:245-305, 1973 (Ger)

SECRETION

Emerson studies on growth hormone effects in the Norway rat. Emerson GM. *Ala J Med Sci* 10:410-6, Oct 73
Proceedings: The effect of reduced blood flow to the adrenal on corticosteroid secretion and the electrolyte content of the gland. Clarke D, et al. *Br J Surg* 61:331, Apr 74

Effect of "medical" and surgical adrenalectomy on the ventral prostate and other accessory sex glands of the male rat. Mobbs BG, et al. *Can J Surg* 17:162-6, May 74

In vitro maturation response of oocytes of the catfish *Heteropneustes fossilis* (Bloch) to salmon gonadotropin in ovary-head kidney co-culture. Goswami SV, et al. *Can J Zool* 52:745-8, Jun 74

The biological profile of a new synthetic progestagen--GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74

The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al. *Steroids* 23:443-54, Mar 74

[Senescence and hormones] Ibayashi H, et al. *Jap J Clin Med* 32:20-9, Jan 74 (40 ref.) (Jap)

THERAPEUTIC USE

EEG findings in juvenile rheumatoid arthritis and other connective tissue diseases in children. Lang H, et al. *Acta Paediatr Scand* 63:373-80, May 74

Letter: Anticoagulant therapy and acute adrenal insufficiency. Portnay GI, et al. *Ann Intern Med* 81:115, Jul 74

Frozen shoulder: treatment by local injections of depot corticosteroids. Steinbrocker O, et al. *Arch Phys Med Rehabil* 55:209-13, May 74

Surgical treatment of *Staphylococcus aureus* endarteritis in a hemodialysis arteriovenous fistula. Silverman NA, et al. *Arch Surg* 108:730-2, May 74

Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. Daly JR, et al. *Br Med J* 2:521-4, 8 Jun 74

Blood and neoplastic diseases. Acquired aplastic anaemia. Geary CG. *Br Med J* 2:432-5, 25 May 74

Letter: Pseudotumours of the orbit. Gibbs P. *Br Med J* 2:445-6, 25 May 74

Symposium on allergic lung disease. I. The clinical picture of asthma. Rebeck AS. *Can Med Assoc J* 110:409-13, 16 Feb 74

Clinical experiences with the use of cromolyn sodium in asthmatic children. Lecks HI, et al. *Clin Pediatr (Phila)* 13:420-5, May 74

Bronchial asthma: new definition for an old disease. Samter M. *Clin Pediatr (Phila)* 13:406-8, May 74

Treatment of rheumatoid arthritis. Smukler NM. *Del Med J* 46:189-92 passim, Apr 74

Rheumatoid arthritis. Zvaifler NJ, et al. *DM* 1-56, May 74

Newer concepts in managing pulmonary fat embolism. Cordasco EM, et al. *Geriatrics* 29:115-6 passim, Jun 74

Special problems in respiratory diseases. Williams MH Jr. *Geriatrics* 29:67-71, Jun 74

Therapy of hepatic coma. Sundaravalli N, et al. *Indian Pediatr* 11:37-41, Jan 74 (51 ref.)

Bleeding disorders during surgery. Hampton JW. *Int Anesthesiol Clin* 12:191-201, Spring 74

Refractory hypotension: mechanism and prevention. Massion WH. *Int Anesthesiol Clin* 12:223-37, Spring 74 (15 ref.)

Editorial: Immunosuppression in nephrotics--praises and restraints. Chugh KS. *J Assoc Physicians India* 21:77-9, Jan 73

Management of reactions in leprosy. Ramu G. *J Indian Med Assoc* 61:403-6, 1 Nov 73

Protection of the dental pulp in construction of fixed partial denture prostheses. Collett HA. *J Prosthet Dent* 31:637-46, Jun 74

Letter: Corticosteroids in Guillain-Barré syndrome. Herxheimer A. *Lancet* 1:1284, 22 Jun 74

Editorial: Vascular disease in patients with renal failure. *Lancet* 1:967-8, 18 May 74

Autoimmunity and immunosuppressive therapy in active chronic hepatitis. Eddleston AL, et al. *Med Chir Dig* 2:319-21, 1973

Joint and soft tissue injection therapy in rheumatology. Dick-Smith JB. *Med J Aust* 1:539-40, 6 Apr 74

Treatment of severe asthma. Franklin W. *N Engl J Med* 290:1469-72, 27 Jun 74

Editorial: Drugs in asthma. *NZ Med J* 79:793-5, 27 Mar 74

Increased intracranial pressure in childhood. Rosman NP. *Pediatr Clin North Am* 21:483-99, May 74

Intracranial hypertension. Gerber AM, et al. *Postgrad Med* 55:83-8, Jun 74

Problems of immunology in myasthenia, polymyositis and Guillain-Barré syndrome. Nisipeanu P. *Rev Roum Neurol* 10:85-101, 1973 (145 ref.)

Activation of lymphocytes in peripheral blood in

parainfectious encephalitis associated with exanthema. Srámková L, et al. *Scand J Infect Dis* 6:23-7, 1974

Cor pulmonale. Sochocky S. *SD J Med* 27:5-10, May 74 (21 ref.)

Massive pulmonary embolism: a plan of medical management. Bryant LR, et al. *South Med J* 67:825-9, Jul 74

Histocompatibility typing and corneal transplantation. Allansmith MR, et al. *Trans Am Acad Ophthalmol Otolaryngol* 78:op445-60, May-Jun 74

Nasal polypectomy in the aspirin-sensitive asthmatic. Schenck NL. *Trans Am Acad Ophthalmol Otolaryngol* 78:or1109-19, May-Jun 74

sjögren's syndrome: a correlation between ocular findings and labial salivary gland histology. Tabbara KF, et al. *Trans Am Acad Ophthalmol Otolaryngol* 78:op467-78, May-Jun 74

Genital sarcoidosis. Rudin L, et al. *Urology* 3:750-4, Jun 74

[Letter: "OGI"-Organization Green's International and treatment of skin diseases. A warning] Perdrup A. *Ugeskr Laeger* 136:831-2, 8 Apr 74 (Dan)

[Treatment of fulminant hepatitis with coma by exchange transfusion. Study of 9 patients, including 1 with neurological sequelae in the cortical functions (author's transl)] Flasse R, et al. *Acta Gastroenterol Belg* 37:12-39, Jan 74 (Eng. Abstr.) (Fre)

[Waldenström's disease or collagenosis? Diagnostic problems with a patient] Faye I, et al. *Bull Soc Med Afr Noire Lang Fr* 18:466-9, 1973 (Eng. Abstr.) (Fre)

[Problems of the diagnosis of bullous dermatitis (apropos of 3 cases)] Faye I, et al. *Bull Soc Med Afr Noire Lang Fr* 18:560-3, 1973 (Eng. Abstr.) (Fre)

[Androgens, corticosteroids and erythropoiesis] Bouvenot G, et al. *Cah Med* 14:1017-23, 30 Nov 73 (Fre)

[Apparently primary cerebral tuberculomas] Steimle R, et al. *Neurochirurgie* 19:555-60, Nov 73 (Eng. Abstr.) (Fre)

[Letter: Acute granulocytopenia after simultaneous administration of gentamicin and diazepam] Bussien R. *Nouv Presse Med* 3:1236, 11 May 74 (Fre)

[Acute liver failure] Groote J de. *Nouv Presse Med* 3:645-7, 16 Mar 74 (Fre)

[2 unusual manifestations of rheumatoid purpura: testicular localization, neurologic disorders] Labruno B, et al. *Nouv Presse Med* 3:1023-5, 20 Apr 74 (Eng. Abstr.) (Fre)

[Prolonged febrile states] Van Cauwenberge H, et al. *Rev Med Liege* 29:305-9, 1 Jun 74 (Fre)

[Synovio-orthesis] Menkès CJ. *Rev Prat* 23:5155-8 passimas, 11 Dec 73 (Fre)

[Medical treatment of rheumatoid arthritis of the adult] Paolaggi JB. *Rev Prat* 23:5133-4 passimas, 11 Dec 73 (Eng. Abstr.) (Fre)

[Examination, follow-up and treatment of a woman suffering from acute salpingitis] Robert H. *Rev Prat* 24:503-6, 1 Feb 74 (Eng. Abstr.) (Fre)

[Curative treatment of Dühring-Brocq disease using BCG vaccination (part 2)] Bolgert M. *Sem Hop Paris* 49:3497-507, 20 Dec 73 (Eng. Abstr.) (Fre)

[Recurrent hemorrhagic pericarditis revealing adenocarcinoma of probable ovarian origin. 4-year survival following pericardectomy] Duflo B, et al. *Sem Hop Paris* 49:3459-62, 14 Dec 73 (Eng. Abstr.) (Fre)

[A case of hyperthyroidism with adrenal insufficiency and hemolytic anemia. Positive action of corticotherapy] Sankale M, et al. *Sem Hop Paris* 50:159-63, 8 Jan 74 (Fre)

[Cytological and ultrastructural study of a case of genital herpes during acute leukemia] Siebert S, et al. *Sem Hop Paris* 49:3549-56, 20 Dec 73 (Eng. Abstr.) (Fre)

[Symptomatology and local corticotherapy] Glard A, et al. *Thérapeutique* 49:689-92, Dec 73 (Fre)

[Value and limitations of aerosol corticosteroids in asthma] Sadoul P, et al. *Thérapeutique* 49:713-6, Dec 73 (Fre)

[Reye's syndrome] Lescop J, et al. *Union Med Can* 102:1875-80, Sep 73 (Eng. Abstr.) (Fre)

- [Unusual symptomatology of Hodgkin's disease: massive invasion of the blood by abnormal cells] Thuot C, et al.
Union Med Can 103:1675-8, Aug 73 (Eng. Abstr.) (Fre)
- [Letter: Scleritis] Boeke F.
Dtsch Med Wochenschr 99:977, May 74 (Ger)
- [Therapy of lupus-nephritis using corticosteroids and immunosuppressive agents] Kampf D, et al.
Dtsch Med Wochenschr 99:1420-3, 28 Jun 74 (65 ref.) (Ger)
- [Immunosuppression of severe dermatomyositis with cytostatic drugs and thymectomy (author's transl)] Lurati M, et al.
Dtsch Med Wochenschr 99:697-700, 5 Apr 74 (Eng. Abstr.) (Ger)
- [Drug therapy in pacemaker patients] Nager F.
Dtsch Med Wochenschr 98:1773-4, 21 Sep 73 (Ger)
- [Roentgen symptoms of Candida-esophagitis] Keller H, et al.
Fortschr Geb Roentgenstr Nuklearmed 120:365-7, Mar 74 (Ger)
- [Long-term study of the idiopathic nephrotic syndrome in childhood (67 children of the Pediatric clinic in Erlangen from 1948-1973) (author's transl)] Anders D, et al.
Klin Paediatr 186:3-8, Jan 74 (Eng. Abstr.) (Ger)
- [Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hannemann HR.
Med Klin 69:513-24, 29 Mar 74 (136 ref.) (Ger)
- [Acute and chronic heart insufficiency in intensive medicine. 2. Therapy] Just H.
Med Klin 69:546-50, 29 Mar 74 (13 ref.) (Ger)
- [Prophylaxis against osteoporosis in corticosteroid therapy with sodium fluoride (author's transl)] Krokowski E.
Med Klin 69:437-41, 8 Mar 74 (Eng. Abstr.) (Ger)
- [Hypercalcemia and reversible renal insufficiency in generalized sarcoidosis] Tasche V, et al.
Med Welt 25:931-3, 24 May 74 (Ger)
- [Paroxysmal rhinitis. Diagnostic and therapeutic possibilities in allergic and vasomotor rhinopathies] Münzel M.
Munch Med Wochenschr 116:427-32, 1 Mar 74 (Eng. Abstr.) (Ger)
- [Etiopathogenic problems in multiple sclerosis. Etiology, pathogenesis and therapeutic concept] Meyer-Rienecker H, et al.
Nervenarzt 45:133-41, Mar 74 (129 ref.) (Ger)
- [Diagnosis and therapeutic problems of bronchial asthma in childhood (author's transl)] Menger W.
Prax Pneumol 28:71-8, Feb 74 (21 ref.) (Eng. Abstr.) (Ger)
- [Pulmonary sarcoidosis and lung function (author's transl)] Specht H, et al.
Prax Pneumol 28:99-108, Feb 74 (Eng. Abstr.) (Ger)
- [Bleomycin for malignant tumours of the genitals of the male (author's transl)] Rathert P, et al.
Urologe [A] 13:67-71, Mar 74 (Eng. Abstr.) (Ger)
- [Combined corticosteroid and synthetic depot ACTH therapy in chronic obstructive ventilation disorders] Cegla UH, et al.
Verh Dtsch Ges Inn Med 79:891-4, 1973 (Ger)
- [Indication and contraindication for corticosteroid therapy of acute leukemias. Theoretical basis] Wilmanns W, et al.
Verh Dtsch Ges Inn Med 79:360-2, 1973 (Ger)
- [Round-table discussion on the surgical treatment of arthropathies]
Verh Dtsch Ges Rheumatol 3:286-305, 1974 (Ger)
- [Hormone therapy of breast carcinoma] Bruni B.
G Batteriol Virol Immunol [Clin] 15:36-64, Jan-Aug 72 (Ita)
- [Abnormalities of the menstruation cycle and their treatment] Maneschi M.
Minerva Ginecol 26:95-123, Feb 74 (Ita)
- [Addison's disease without hypotension] Traini E, et al.
Minerva Med 65:1293-9, 31 Mar 74 (Eng. Abstr.) (Ita)
- [Adrenogenital syndrome (in children): pediatric aspect] Igarashi Y.
Clin Endocrinol (Tokyo) 22:216-7, Jan 74 (Jap)
- [Adrenal insufficiency (acute and chronic stages)] Matsukura S, et al.
Clin Endocrinol (Tokyo) 22:38-41, Jan 74 (Jap)
- [Malignant anemia] Takaku F.
Jap J Clin Med 31:3435-40, Dec 73 (20 ref.) (Jap)
- [Adverse effects after local application of corticosteroids] Thune PO.
Tidsskr Nor Laegeforen 94:1202-3, 30 Jun 74 (Nor)
- [Corticoids and glaucoma] Chrzanowska-Srzednicka K.
Klin Oczna 44:421-3, May 74 (Pol)
- [Effects of corticosteroids on experimental epileptogenic foci] Domzal T, et al.
Neurol Neurochir Pol 8:397-401, May-Jun 74 (Eng. Abstr.) (Pol)
- [Lymphadenosis benigna cuti] Korabiec M.
Przegl Dermatol 60:247-54, Mar-Apr 73 (Eng. Abstr.) (Pol)
- [Fate of patients with pemphigus in the era of corticosteroids] Michalowski R, et al.
Przegl Dermatol 60:73-6, Jan-Feb 73 (Eng. Abstr.) (Pol)
- [Conservative treatment of ulcerative colitis of the large intestine in the light of our observations] Kocińska W, et al.
Przegl Lek 31:408-12, 1974 (Pol)
- [Immunosuppressive therapy in renal insufficiency] Przegl Lek 29:963-9, 1972 (Pol)
- [Our experience in the treatment of rheumatoid polyarthritis with Imuran and Proresid in outpatient units] Suteanu S, et al.
Med Interna (Bucur) 25:1491-7, Dec 73 (Rum)
- [Interpretation possibilities of the presence of Australia antigen (Au. an.) in patients with chronic hepatitis and hepatic cirrhosis] Turcu E, et al.
Med Interna (Bucur) 25:1127-34, Sep 73 (Eng. Abstr.) (Rum)
- [Current possibilities and trends in biological immunosuppression in transplantation of organs and tissues. II] Păulescu E.
Microbiol Parazitol Epidemiol (Bucur) 18:519-26, Nov-Dec 73 (81 ref.) (Rum)
- [Study of some erythrocytic enzymes in infections of the respiratory tract in infants] Bărbuță R, et al.
Pediatria (Bucur) 22:501-8, Nov-Dec 73 (Eng. Abstr.) (Rum)
- [Incidence of infantile rheumatism and the evolution of its symptoms in patients of the Pediatric Clinic of Tîrgu Mureș during the past 20 years] Horga L, et al.
Pediatria (Bucur) 22:527-34, Nov-Dec 73 (Eng. Abstr.) (Rum)
- [Present-day principles of cytostatic therapy of acute leukemia] Kovaleva LG.
Sov Med 36:111-6, Aug 73 (34 ref.) (Rus)
- [Pathogenetic basis of the treatment of pulpitis with paste, not containing arsenic] Ergeahov S.
Sov Zdravookhr Klrg 5:47-50, Sep-Oct 73 (Rus)
- [Experience in treating certain forms of reticuloderma with the new Soviet cytostatic preparation fotrin] Smelov NS, et al.
Vestn Dermatol Venerol 47:9-12, Dec 73 (Eng. Abstr.) (Rus)
- [A small contribution to endodontics: the corticosteroids] Campos Marques A.
Rev Esp Estomatol 22:117-22, Mar-Apr 74 (Spa)
- [Dermatological problems in geriatric care] Linder L.
Lakartidningen 70:2821-9, 15 Aug 73 (Eng. Abstr.) (Swe)

TOXICITY

- Autoimmunity and immunosuppressive therapy in active chronic hepatitis. Eddleston AL, et al.
Med Chir Dig 2:319-21, 1973

URINE

- Profile of young Indian diabetics--biochemical studies. Ahuja MM. J Assoc Physicians India 21:87-99, Jan 73
- Analysis of steroids by high-resolution gas-liquid chromatography. II. Application to urinary samples. Luyten JA, et al. J Chromatogr 91:393-406, 24 Apr 74
- [Changes in the gas-chromatographic pattern of urinary steroids induced with prolonged corticotropin stimulation] Molino G, et al.
Folia Endocrinol (Roma) 27:272-8, Jun 74 (Eng. Abstr.) (Ita)
- [Excretion of corticosteroids in the urine in adolescents with primary arterial hypertension] Markov KhM, et al. Pediatria 53:37-40, Apr 74 (Rus)

ALDOSTERONE

- Production of antisera specific to aldosterone: effect of hapten density and of carrier proteins. Vetter W, et al. Steroids 23:741-56, May 74
- [Role of aldosterone in chronic kidney failure] Kramer HJ, et al. Verh Dtsch Ges Inn Med 79:759-63, 1973 (Ger)

ANALYSIS

- Tritiated corticosteroid metabolism in intact and

- adenohypophysectomized ducks (*Anas platyrhynchos*). Holmes WN, et al.
Gen Comp Endocrinol 22:417-27, Apr 74
 A convenient system for the separation of some steroids on Sephadex LH-20. Bourne AR.
J Chromatogr 92:465-8, 22 May 74
 Production of antisera specific to aldosterone: effect of hapten density and of carrier proteins. Vetter W, et al.
Steroids 23:741-56, May 74

ANTAGONISTS & INHIBITORS

- Short stature, hyperkalemia and acidosis: A defect in renal transport of potassium. Spitzer A, et al.
Kidney Int 3:251-7, Apr 73
 Renal aldosterone receptors: studies with (3H)aldosterone and the anti-mineralocorticoid (3H)spiro lactone (SC-26304). Marver D, et al.
Proc Natl Acad Sci USA 71:1431-5, Apr 74
 Post nidiatory action of various compounds representing several pharmacological classes.
 DiPasquale G, et al.
Res Commun Chem Pathol Pharmacol 7:701-14, Apr 74
 [Differential diagnosis and pharmacotherapy of hypertension (author's transl)] Buchborn E, et al.
Munch Med Wochenschr 116:623-8, 22 Mar 74 (Eng. Abstr.) (Ger)
 [Place of saluretics in the treatment of hypertension] Erlina EV. *Kardiologiya* 14:151-7, Apr 74 (Rus)

BIOSYNTHESIS

- Effects of hypophysectomy with or without ACTH maintenance therapy on the final steps of aldosterone biosynthesis in the rat. Baumann K, et al.
Acta Endocrinol (Kbh) 76:102-16, May 74
 Lack of a direct influence of sodium on aldosterone production in the rat adrenal in vitro. Debrenci L, et al.
Acta Physiol Acad Sci Hung 43:247-51, 1973
 In vitro aldosterone production: effect of ethacrynic acid, chlorpromazine and veratrine. Szalay KS.
Acta Physiol Acad Sci Hung 43:275-9, 1973
 The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats.
 Zuccarello WA, et al. *Steroids* 23:443-54, Mar 74
 [Primary hypo- and hyperreninism] Werning C.
Internist (Berlin) 15:174-6, Mar 74 (21 ref.) (Ger)
 [Present trends in the diagnosis of primary hyperaldosteronism] Ripa R.
G Ital Cardiol 4:270-6, 1974 (72 ref.) (Ita)
 [Effect of 6-methylthiouracil and cholesterol on corticosteroid biosynthesis in the adrenal glands of dogs] Tsiomik VA.
Probl Endokrinol (Mosk) 20:84-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

BLOOD

- Hypercorticism in rabbits immunized against corticosteroids. Gless KH, et al.
Acta Endocrinol (Kbh) 75:342-9, Feb 74
 A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al.
Acta Endocrinol (Kbh) 76:556-69, Jul 74
 Familial renal dysplasia with sodium wasting and hypokalemic alkalosis. Walker SH, et al.
Am J Dis Child 127:882-7, Jun 74
 Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Dluhy RG, et al.
Ann Intern Med 80:693-6, Jun 74
 Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al.
Clin Endocrinol (Oxf) 3:41-8, Jan 74
 Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Vetter H, et al.
Clin Endocrinol (Oxf) 3:41-8, Jan 74
 The effect of aldosterone on colonic potential difference and renal electrolyte excretion in normal man. Efstratopoulos AD, et al.
Clin Sci Mol Med 46:489-99, Apr 74
 Plasma renin activity and aldosterone concentration of patients with hyperthyroidism and hypothyroidism. Ogihara T, et al.
Endocrinol Jap 20:433-7, Oct 73
 Aldosterone secretion in the enucleated rat adrenal during salt retention. Pratt JH, et al.
Endocrinology 95:48-54, Jul 74
 Tritiated corticosteroid metabolism in intact and adenohypophysectomized ducks (*Anas*

- platyrhynchos*). Holmes WN, et al.
Gen Comp Endocrinol 22:417-27, Apr 74
 Regulation of aldosterone in the syndrome of inappropriate antidiuretic hormone secretion (SIADH). Fichman MP, et al.
J Clin Endocrinol Metab 39:136-44, Jul 74
 Reciprocal influence of salt intake on adrenal glomerulosa and renal vascular responses to angiotensin II in normal man. Hollenberg NK, et al.
J Clin Invest 54:34-42, Jul 74
 Response of plasma aldosterone to postural change, diuretics, angiotensin II, sodium restriction or loading and prostaglandin. Ito T, et al.
Jap Heart J 14:518-30, Nov 73
 Use of ventriculo-cisternal perfusion in conscious sheep. Mouw DR, et al. *Lab Anim Sci* 24:505-9, Jun 74
 A study of the renin-angiotensin system in the nephrotic syndrome. Medina A, et al.
Nephron 12:233-40, 1974
 Malignant hypertension in a patient with Conn's syndrome. Baxter RH, et al.
Scott Med J 19:161-3, Jul 74
 Solid phase radioimmunoassay of plasma aldosterone. Bizollon CA, et al. *Steroids* 23:809-21, Jun 74
 Alterations in plasma aldosterone levels in response to acute stimuli in kidney allograft recipients. McCaa RE, et al. *Surg Forum* 23:75-7, 1972
 [31 weeks of a regime of diuretics and low-salt diets. Illustration of several unwanted side effects] François B. *Nouv Presse Med* 3:661-4, 16 Mar 74 (Fre)
 [Plasma aldosterone and renin activity in healthy subjects during sodium administration and sodium withdrawal (author's transl)] Rössler R, et al.
Dtsch Med Wochenschr 99:685-9, 5 Apr 74 (Ger)
 [Primary hypo- and hyperreninism] Werning C.
Internist (Berlin) 15:174-6, Mar 74 (21 ref.) (Ger)
 [Plasma renin and plasma aldosterone following kidney allotransplantation] Beckerhoff R, et al.
Verh Dtsch Ges Inn Med 79:757-9, 1973 (Ger)
 [Role of aldosterone in chronic kidney failure] Kramer HJ, et al. *Verh Dtsch Ges Inn Med* 79:759-63, 1973 (Ger)
 [Plasma aldosterone and plasma renin activity during hemodialysis] Vetter W, et al.
Verh Dtsch Ges Inn Med 79:763-7, 1973 (Ger)
 [Aldosteronism in cardiopulmonary diseases] Bolte HD, et al. *Z Allgemeinmed* 50:583-5, 30 Apr 74 (Ger)
 [Present trends in the diagnosis of primary hyperaldosteronism] Ripa R.
G Ital Cardiol 4:270-6, 1974 (72 ref.) (Ita)

METABOLISM

- Adrenocortical responses of the Apollo 17 crew members. Leach CS, et al.
Aerosp Med 45:529-34, May 74
 Deficiency of deoxycorticosterone-binding protein in the hypothalamus of rats resistant to deoxycorticosterone-induced hypertension. Lassman MN, et al. *Endocrinology* 94:1541-6, Jun 74
 Tritiated corticosteroid metabolism in intact and adenohypophysectomized ducks (*Anas platyrhynchos*). Holmes WN, et al.
Gen Comp Endocrinol 22:417-27, Apr 74
 Relationships between renal cytoplasmic and nuclear aldosterone-receptors. Marver D, et al.
Kidney Int 1:210-23, Apr 72
 Proceedings: Functional affinities of the non-zoned adrenocortical tissue of the skink *Tiliqua rugosa* with the zone glomerulosa of the rat adrenal. Vinson GP, et al. *N Engl J Med* 291:lxvii-lxviii, 11 Jun 74
 Renal aldosterone receptors: studies with (3H)aldosterone and the anti-mineralocorticoid (3H)spiro lactone (SC-26304). Marver D, et al.
Proc Natl Acad Sci USA 71:1431-5, Apr 74
 [The evaluation of arterial hypertension (author's transl)] Cottier P.
Praxis 63:605-11, 21 May 74 (Eng. Abstr.) (Ger)
 [Aldosteronism in liver diseases] Wildhirt E.
Z Allgemeinmed 50:580-2, 30 Apr 74 (Ger)

PHARMACODYNAMICS

- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al.
Acta Endocrinol (Kbh) 76:556-69, Jul 74
 Aldosterone stimulation of acidification of urine by isolated urinary bladder of the Colombian toad. Ludens JH, et al. *Am J Physiol* 226:1321-6, Jun 74

ALDOSTERONE

- The effect of aldosterone on colonic potential difference and renal electrolyte excretion in normal man. Efstratopoulos AD, et al.
Clin Sci Mol Med 46:489-99, Apr 74
- On the effects of tricarboxylic acid cycle intermediates on sodium transport by the toad bladder. Taylor A, et al.
J Membr Biol 15:319-29, 1974
- Effects of verapamil on the short-circuit current of an epithelial membrane: the toad urinary bladder. Bentley PJ.
J Pharmacol Exp Ther 189:563-9, May 74
- The acutely reduced kidney. Allison ME, et al.
Kidney Int 3:354-63, Jun 73
- Glucocorticoid anorexia in rats. Simpson CW, et al.
Pharmacol Biochem Behav 2:19-25, Jan-Feb 74
- The polyuria of sepsis. Hermreck AS, et al.
Surg Forum 23:53-5, 1972

PHYSIOLOGY

- Review: The endocrine glands in infantile malnutrition. Godard C.
Helv Paediatr Acta 29:5-26, Apr 74 (113 ref.)
- Proceedings: Hormonal regulation of breast development and activity. Porter JC.
J Invest Dermatol 63:85-92, Jul 74 (77 ref.)
- Influence of aldosterone on sodium, water and potassium metabolism in chronic renal disease. Schrier RW, et al.
Kidney Int 1:156-68, Mar 72
- [Aldosterone-Aldosteronism] Scheler F.
Z Allgemeinmed 50:572-5, 30 Apr 74 (Ger)

SECRETION

- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Vetter H, et al.
Clin Endocrinol (Oxf) 3:41-8, Jan 74
- Mineralocorticoid receptors in salt-susceptible and salt-resistant rats. Funder JW, et al.
Endocrinology 94:1739-43, Jun 74
- Aldosterone secretion in the enucleated rat adrenal during salt retention. Pratt JH, et al.
Endocrinology 95:48-54, Jul 74
- Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT.
J Clin Endocrinol Metab 38:964-75, Jun 74
- Reciprocal influence of salt intake on adrenal glomerulosa and renal vascular responses to angiotensin II in normal man. Hollenberg NK, et al.
J Clin Invest 54:34-42, Jul 74
- Renin and aldosterone and the pathogenesis of hypertensive vascular damage. Gavras H, et al.
Frog Cardiovasc Dis 17:39-49, Jul-Aug 74 (65 ref.)
- The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al.
Steroids 23:443-54, Mar 74
- Aldosterone secretion following experimental surgical trauma. Gee BR, et al.
Surg Forum 23:56-7, 1972
- The role of the renin-angiotensin system in the aldosterone response to acute hemorrhage. Modafferi TR, et al.
Surg Forum 23:22-3, 1972
- [Is essential hypertension still a disease entity? Definition of hyporeninemic hypertension] Distler A.
Internist (Berlin) 15:146-54, Mar 74 (Ger)
- [The Renin-Angiotensin-Aldosterone system in kidney diseases] Distler A.
Z Allgemeinmed 50:576-9, 30 Apr 74 (Ger)
- [Primary and secondary aldosteronism in hypertension] Mertz DP.
Z Allgemeinmed 50:566-71, 30 Apr 74 (Ger)
- [Change in the secretory activity of the adrenal cortex in silver foxes in the process of domestication] Bazhan NM, et al.
Dokl Akad Nauk SSSR 216:922-4, 1974 (Rus)

THERAPEUTIC USE

- Formation and treatment of cerebral edema. Baethmann A, et al.
Neurochirurgia (Stuttg) 17:37-47, Mar 74

URINE

- Adrenal contribution to plasma oestrogens in adrenal disorders. Yuen BH, et al.
Acta Endocrinol (Kbh) 76:117-26, May 74
- Renal function in Fallot's tetralogy. Aperia A, et al.
Acta Paediatr Scand 63:398-404, May 74
- Adrenocortical responses of the Apollo 17 crew members. Leach CS, et al.
Aerosp Med 45:529-34, May 74
- Influence of aldosterone on sodium, water and

ADRENAL

- potassium metabolism in chronic renal disease. Schrier RW, et al.
Kidney Int 1:156-68, Mar 72
- [Neurohumoral aspects of myocardial infarct and its complications] Malala IT, et al.
Kardiologia 14:39-47, Apr 74 (Eng. Abstr.) (Rus)
- [Excretion of corticosteroids in the urine in adolescents with primary arterial hypertension] Markov KhM, et al.
Pediatrics 53:37-40, Apr 74 (Rus)
- [Urinary aldosterone excretion, plasma renin activity and certain indicators of potassium and sodium metabolism in patients with congenital virilizing hyperplasia of the adrenal cortex] Egart FM, et al.
Probl Endokrinol (Mosk) 20:42-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

ANDROSTERONE

BIOSYNTHESIS

- Androgen metabolism by rat epididymis. 2. Metabolic conversion of 3H-testosterone in vitro. Djoseland O, et al.
Steroids 23:397-410, Mar 74

BLOOD

- Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. Laatikainen TJ, et al.
J Clin Invest 53:1709-15, Jun 74
- [Increased androgen secretion by the ovaries and "hyperovarianism". Respective studies] Geller S, et al.
Nouv Presse Med 3:809-10, 30 Mar 74 (Fre)

METABOLISM

- The uptake and metabolism of (4-14C)testosterone in human breast cancer growth in organ culture. Geier A, et al.
Acta Endocrinol (Kbh) 75:195-204, Jan 74
- In vitro metabolism of steroid hormones by chicken brain. Nakamura T, et al.
Acta Endocrinol (Kbh) 75:410-6, Feb 74
- Experimental study on the male pattern alopecia. I. Differences between the testosterone transport protein in bald and hairy areas. Bassas E, et al.
Arch Dermatol Forsch 248:339-46, 20 Feb 74

PHARMACODYNAMICS

- Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hipkin LJ.
Acta Endocrinol (Kbh) 75:141-7, Jan 74
- Experimental study on the male pattern alopecia. I. Differences between the testosterone transport protein in bald and hairy areas. Bassas E, et al.
Arch Dermatol Forsch 248:339-46, 20 Feb 74
- Effect of neonatal administration of different androgens in the female rat: correlation between aromatization and the induction of sterilization. McDonald PG, et al.
J Endocrinol 61:95-103, Apr 74
- Proceedings: Studies on the maintenance of sexual behaviour in castrated rats treated with various androgens. Parrott RF.
J Endocrinol 61:xixxx, Apr 74
- [Effect of various androgens on carcinogenesis of in the rat liver induced by para-dimethylaminoazobenzene (DAB)] Corre-Hurst L, et al.
C R Acad Sci [D] (Paris) 277:2441-3, 26 Nov 73 (Fre)

THERAPEUTIC USE

- Effect of lipids and hypolipemic drugs on platelet aggregation and thrombosis. O'Brien JR.
Haemostasis 2:169-75, 1973-74 (29 ref.)

URINE

- [Qualitative and quantitative analysis of 17-ketosteroids and 20-hydroxy-21-deoxysteroids in urine by gas-liquid chromatography and mass spectrum analysis] Desgres J, et al.
Clin Chim Acta 52:381-405, 17 May 74 (Eng. Abstr.) (Fre)
- [Urinary steroid excretion in obese children] Haberfellner H, et al.
Wien Med Wochenschr 124:437-42, 6 Jul 74 (Ger)
- [Steroid hormones in arteriosclerosis with different types of hyperlipoproteinemia] Gerasimova EN, et al.
Kardiologia 15:14-9, 1974 (Eng. Abstr.) (Rus)

BETAMETHASONE

Betamethasone and betamethasone valerate. Wilson L.
Br J Dermatol 90:587-8, May 74

ADMINISTRATION & DOSAGE

Gels and other topical corticosteroids.
Med Lett Drugs Ther 16:50-2, 7 Jun 74
[Comparative study of the vasoconstrictive activity of preparations containing topical corticosteroids] Henschel V, et al.
J Pharm Belg 29:3-15, Jan-Feb 74 (Eng. Abstr.) (Fre)
[Painful reactions and period of effectiveness of local betamethasone injections] Hilzensauer G, et al.
Wien Med Wochenschr 124:453-5, 6 Jul 74 (Ger)
[Combined treatment of Chagas' disease with Bayer 2502 and corticoid (experimental and clinical study)] Andrade SG, et al.
Rev Inst Med Trop Sao Paulo 15:421-30, Nov-Dec 73 (Eng. Abstr.) (Por)
[Injectable long-acting corticoid therapy (betamethasone dipropionate) in bronchial asthma] Seropian E.
Med Interna (Bucur) 26:487-96, Apr 74 (Eng. Abstr.) (Rum)

ADVERSE EFFECTS

Gels and other topical corticosteroids.
Med Lett Drugs Ther 16:50-2, 7 Jun 74
[Cortisone-mypathy] Kaiser H.
Verh Dtsch Ges Rheumatol 3:269-71, 1974 (Eng. Abstr.) (Ger)
[Painful reactions and period of effectiveness of local betamethasone injections] Hilzensauer G, et al.
Wien Med Wochenschr 124:453-5, 6 Jul 74 (Ger)
[Comparative animal experiments on epidermal hypoplasia induced by means of topical glucocorticoids] Weirich EG, et al.
Z Hautkr 49:91-106, 1 Feb 74 (Ger)

METABOLISM

[Comparative study of the vasoconstrictive activity of preparations containing topical corticosteroids] Henschel V, et al.
J Pharm Belg 29:3-15, Jan-Feb 74 (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

Bioavailability and activity of betamethasone 17-benzoate in gel and cream formulations: comparison with proprietary topical corticosteroid preparations in the vasoconstrictor assay. Woodford R, et al. Curr Ther Res 16:338-45, Apr 74
[Comparative study of the vasoconstrictive activity of preparations containing topical corticosteroids] Henschel V, et al.
J Pharm Belg 29:3-15, Jan-Feb 74 (Eng. Abstr.) (Fre)
[Prevention of respiratory distress syndrome by antepartum corticosteroid treatment] Kalir R, et al.
Harefuah 86:292-3, 15 Mar 74 (Eng. Abstr.) (Heb)
[Study of the pituitary corticotropin reserve with metyrapone in subjects treated with a steroid association and with the single components] Balestreri R, et al.
Folia Endocrinol (Roma) 27:168-78, Apr 74 (Eng. Abstr.) (Ita)

THERAPEUTIC USE

Clinical trial design in studies of corticosteroids for bacterial infections. Weltzman S, et al.
Ann Intern Med 81:36-42, Jul 74 (49 ref.)
Letter: Fixed drug eruption from chlorthalidopoxide. Blair HM 3d. Arch Dermatol 109:914, Jun 74
Surgical treatment of lichen planus of the soles. Lendrum J. Br J Plast Surg 27:171-5, Apr 74
The rapidity of the effect of different types of topical corticosteroids: a double-blind comparison between Diproderm ointment 0.05 percent and Calmuril-Hydrocortisone 1 percent. Gip L, et al.
Curr Ther Res 16:300-5, Apr 74
Gels and other topical corticosteroids.
Med Lett Drugs Ther 16:50-2, 7 Jun 74
Optic atrophy following treatment with diiodohydroxyquin. Pittman FE, et al.
Pediatrics 54:81-3, Jul 74
[Painful reactions and period of effectiveness of local

betamethasone injections] Hilzensauer G, et al.
Wien Med Wochenschr 124:453-5, 6 Jul 74 (Ger)
[Prevention of respiratory distress syndrome by antepartum corticosteroid treatment] Kalir R, et al.
Harefuah 86:292-3, 15 Mar 74 (Eng. Abstr.) (Heb)
[Combined treatment of Chagas' disease with Bayer 2502 and corticoid (experimental and clinical study)] Andrade SG, et al.
Rev Inst Med Trop Sao Paulo 15:421-30, Nov-Dec 73 (Eng. Abstr.) (Por)
[Injectable long-acting corticoid therapy (betamethasone dipropionate) in bronchial asthma] Seropian E.
Med Interna (Bucur) 26:487-96, Apr 74 (Eng. Abstr.) (Rum)
[A new steroid for the treatment of psoriasis and eczema] Fredriksson T.
Lakartidningen 29:2967-8, 29 Aug 73 (Eng. Abstr.) (Swe)

CORTICOSTERONE

[Determination of 17-alpha hydroxyprogesterone in plasma using competitive protein binding] Roux H, et al.
Ann Biol Clin (Paris) 32:65-9, 1974 (Eng. Abstr.) (Fre)

ADMINISTRATION & DOSAGE

Regulation of isoproterenol-stimulated DNA synthesis in rat salivary gland in vivo by adrenal glucocorticoids. Roth GS, et al. Exp Gerontol 9:13-26, Feb 74

ANALYSIS

An immunochemical study of the induction of tyrosine hydroxylase in rat adrenal glands. Hoeldtke R, et al.
Biochem Biophys Res Commun 57:1045-53, 23 Apr 74
Tritiated corticosteroid metabolism in intact and adeno-hypophysectomized ducks (Anas platyrhynchos). Holmes WN, et al.
Gen Comp Endocrinol 22:417-27, Apr 74
A convenient system for the separation of some steroids on Sephadex LH-20. Bourne AR.
J Chromatogr 92:465-6, 22 May 74
[Fluorometric measurement rat midbrain corticosterone concentration (author's transl)] Enomoto H, et al.
Shikwa Gakuho 74:901-12, May 74 (Jap)

ANTAGONISTS & INHIBITORS

Inhibition by phenothiazines of adenylate cyclase in adrenal and brain tissue. Free CA, et al.
Adv Biochem Psychopharmacol 9:739-48, 1974

BIOSYNTHESIS

Biological activity of synthetic human corticotropin with revised amino acid sequence. Schenkel-Hulliger L, et al. Acta Endocrinol (Kbh) 75:24-32, Jan 74
Lack of a direct influence of sodium on aldosterone production in the rat adrenal in vitro. Debrececi L, et al. Acta Physiol Acad Sci Hung 43:247-51, 1973
In vitro aldosterone production: effect of ethacrynic acid, chlorpromazine and veratrine. Szalay KS. Acta Physiol Acad Sci Hung 43:275-9, 1973
Dual role of calcium in steroidogenesis in the isolated adrenal cell of rat. Bowyer F, et al.
Biochem Biophys Res Commun 57:100-5, 15 Mar 74
A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al.
Biochem Biophys Res Commun 58:983-9, 18 Jun 74
Subcellular localisation of adrenal cholesterol by autoradiography and digitonin reaction after aminoglutethimide-induced inhibition of corticosterone synthesis. Szabó D, et al.
Histochemie 38:213-21, 6 Mar 74
Ultrastructure, steroidogenic potential, and energy metabolism of the Snell adrenocortical carcinoma 494. A comparison with normal adrenocortical tissue. Kimmel GL, et al. J Cell Biol 62:152-63, Jul 74
Effect of morphinization on in vitro incorporation of labelled precursors into adrenal protein and nucleic acids in rats. Kuwamura T, et al.
Jap J Pharmacol 24:89-95, Feb 74
Proceedings: Effect of angiotensin II on cyclic AMP and corticosterone output by purified zona glomerulosa and zona fasciculata cells of the rat

- adrenal cortex. Albano JD, et al.
N Engl J Med 291:73, 11 Jun 74
 Proceedings: Relationships between intracellular potassium and steroidogenesis in isolated adrenal capsular cells. Mendelsohn FA, et al.
N Engl J Med 291:xxxvi, 11 Jun 74
 The influence of progesterone on adrenocortical function in the rat. Rodier WI 3d, et al.
Proc Soc Exp Biol Med 146:376-80, Jun 74
 The ACTH-enhanced conversion of 11 β -hydroxyprogesterone to corticosterone in the adrenal glands of fetal rhesus monkeys (*Macaca mulatta*). Kittinger GW. *Steroids* 23:639-50, May 74
 [Effect of 6-methylthiouracil and cholesterol on corticosteroid biosynthesis in the adrenal glands of dogs] Tsionik VA.
Probl Endokrinol (Mosk) 20:84-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

BLOOD

- Hypocorticism in rabbits immunized against corticosteroids. Glass KH, et al.
Acta Endocrinol (Kbh) 75:342-9, Feb 74
 Biological activity of synthetic human corticotropin with revised amino acid sequence. Schenkel-Hulliger L, et al. *Acta Endocrinol (Kbh)* 75:24-32, Jan 74
 Hypothalamic serotonin content and pituitary-adrenal function following hypothalamic deafferentation. Vermees I, et al.
Acta Physiol Acad Sci Hung 43:239-45, 1973
 Plasma prolactin, LH, and corticosterone in rats exposed to a novel environment. Baldwin DM, et al.
Am J Physiol 226:1366-9, Jun 74
 Modification of the competitive protein-binding assay for corticosterone: serial measurements in the rat. Sparagana M, et al. *Biochem Med* 9:363-7, Apr 74
 The effect of 1-(*o*-chlorophenyl)-1-(*p*-chlorophenyl)-2,2-dichloroethane(*o,p'*-DDD) on the immune response in malnutrition. Hamid J, et al.
Br J Exp Pathol 55:94-100, Feb 74
 The redox bioassay technique for the direct assessment of pituitary adrenocorticotrophic activity in the rat. Buckingham JC, et al.
Clin Endocrinol (Oxf) 3:347-8, Jul 74
 Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia. Reachini E, et al.
Clin Endocrinol (Oxf) 3:209-13, Apr 74
 Diminishing corticosterone capacity to release ACTH during sustained stimulation: the twenty-four hours after bilateral adrenalectomy in the rat. Dallman MF, et al. *Endocrinology* 95:65-73, Jul 74
 Tritiated corticosteroid metabolism in intact and adenohipophysectomized ducks (*Anas platyrhynchos*). Holmes WN, et al.
Gen Comp Endocrinol 22:417-27, Apr 74
 Phenylethanolamine-N-methyl transferase activity in the avian adrenal following immobilization or adrenocorticotropin. Zachariassen RD, et al.
Gen Comp Endocrinol 23:193-8, Jun 74
 Diurnal changes in the concentrations of plasma lipids, sugars, insulin and corticosterone in rats fed diets containing various carbohydrates. Bruckdorfer KR, et al. *Horm Metab Res* 6:99-106, Mar 74
 The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al.
Horm Res 5:173-81, 1974
 Proceedings: Pituitary-adrenocortical function in the reserpine-treated rat. Hodges JR, et al.
J Endocrinol 61:xxvi, Apr 74
 Plasma corticosterone concentrations and pituitary prolactin content in the pregnancy and their within-day fluctuations in the rat. Ota K, et al.
J Endocrinol 61:21-8, Apr 74
 Adrenal response in pregnancy to long-acting tetracosactrin. Johnstone FD, et al.
J Obstet Gynaecol Br Commonw 81:363-7, May 74
 Modulatory influences of central nervous structures on pituitary-adrenocortical activity: effect of chronic deafferentation of the hypothalamus in the pigeon. Bouillé C, et al. *J Physiol (Paris)* 66:437-46, 1973
 Proceedings: Acute morphine tolerance and physical dependence in rats. 5. Development of physical dependence and disappearance of tolerance and physical dependence. Yamamoto H, et al.
Jap J Pharmacol 24:Suppl:122, 1974
 Effects of methamphetamine on daily rhythms of

- hypothalamic norepinephrine, serotonin and plasma corticosterone levels in the rat. Asano Y, et al.
Life Sci 14:1463-72, 16 Apr 74
 Cyclic nucleotide phosphodiesterase activity in rat adrenal gland zones. Gallant S, et al.
Life Sci 14:937-44, 1 Mar 74
 Proceedings: Pituitary adrenocorticotrophic activity after adrenalectomy and adrenal enucleation in the rat. Buckingham J, et al.
N Engl J Med 291:lxvixvi, 11 Jun 74
 Effects of olfactory bulb section on brain noradrenaline, corticosterone and conditioning in the rat. King MG, et al.
Pharmacol Biochem Behav 2:347-53, May 74
 The effects of prior aversive stimulation on the behavioral and physiological responses to intense acoustic stimuli in the rat. Chalmers DV, et al.
Physiol Behav 12:711-7, May 74
 Alteration of pituitary-adrenal dynamics induced by a water deprivation regimen. Sakellaris PC, et al.
Physiol Behav 12:1067-70, Jun 74
 Competitive protein-binding assay for corticoids in the peripheral plasma of the immature chicken. Buckland RB, et al. *Poult Sci* 53:241-5, Jan 74
 Effect of genetic changes in egg production, growth rate, semen yield and response to cold stress on early mortality of turkey poults. Nestor KE, et al.
Poult Sci 53:204-10, Jan 74
 Pituitary-adrenal function in adult androgenized female rats. Dunn JD.
Proc Soc Exp Biol Med 146:75-7, May 74
 Similar response of spontaneously hypertensive and normotensive rats to adrenal enucleation. Koletsky S, et al. *Proc Soc Exp Biol Med* 146:126-31, May 74
 Effect of intermittent electric shock on plasma renin activity in rats. Leenen FH, et al.
Proc Soc Exp Biol Med 146:534-8, Jun 74
 The influence of progesterone on adrenocortical function in the rat. Rodier WI 3d, et al.
Proc Soc Exp Biol Med 146:376-80, Jun 74
 Corticosterone, prolactin, and growth hormone responses to handling and new environment in the rat. Brown GM, et al. *Psychosom Med* 36:241-7, May-Jun 74
 The biological profile of a new synthetic progestagen--GR2-1159 (17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74
 Radioimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74
 [Influence of hypokinesia and subsequent stress upon the rat plasma and adrenal corticosterone level (author's transl)] Hadjilovova I.
Int Arch Arbeitsmed 33:59-70, 12 Mar 74 (Eng. Abstr.) (Ger)
 [Determination of steroid hormones by protein binding. Determination of cortisol and testosterone] Fonzo D, et al.
Minerva Med 65:1749-64, 28 Apr 74 (Eng. Abstr.) (Ita)
 [Effect of electric stimulation of different parts of hypothalamus of rats on functional activity of the hypophyseal-adrenocortical system] Kononova LK.
Probl Endokrinol (Mosk) 20:58-62, Mar-Apr 74 (Eng. Abstr.) (Rus)
 [Function of the genital system and its effect on the pituitary-adrenal complex in male white rats in groups and in isolation] Naumova EV, et al.
Zh Obshch Biol 35:440-7, May-Jun 74 (Eng. Abstr.) (Rus)

METABOLISM

- Effects of hypophysectomy with or without ACTH maintenance therapy on the final steps of aldosterone biosynthesis in the rat. Baumann K, et al.
Acta Endocrinol (Kbh) 76:102-16, May 74
 Characteristics of the nuclear and microsomal steroid delta-4-5 alpha-hydrogenase of the rat prostate. Nozu K, et al. *Acta Endocrinol (Kbh)* 76:608-24, Jul 74
 A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al.
Biochem Biophys Res Commun 58:983-9, 18 Jun 74
 3H-corticosterone incorporation in CBA and transferred A-Jax embryos in CBA mothers. Marak L, et al. *Biol Neonate* 24:49-56, 1974
 Studies on corticosterone-receptor complexes from mouse placenta. Wong MD, et al.
Can J Biochem 52:190-5, Mar 74

- Deficiency of deoxycorticosterone-binding protein in the hypothalamus of rats resistant to deoxycorticosterone-induced hypertension. Lassman MN, et al. *Endocrinology* 94:1541-6, Jun 74
- Regulation of isoproterenol-stimulated DNA synthesis in rat salivary gland in vivo by adrenal glucocorticoids. Roth GS, et al. *Exp Gerontol* 9:13-26, Feb 74
- Tritiated corticosteroid metabolism in intact and adenohipophysectomized ducks (Anas platyrhynchos). Holmes WN, et al. *Gen Comp Endocrinol* 22:417-27, Apr 74
- Phenylethanolamine-N-methyl transferase activity in the avian adrenal following immobilization or adrenocorticotropin. Zachariassen RD, et al. *Gen Comp Endocrinol* 23:193-8, Jun 74
- Effect of 11-deoxycorticosterone on cholesterol sidechain cleavage by adrenal cortex mitochondria. Wickramasinghe RH. *Horm Metab Res* 6:241-2, May 74
- Proceedings: Functional affinities of the non-zoned adrenocortical tissue of the skink *Tiliqua rugosa* with the zone glomerulosa of the rat adrenal. Vinson GP, et al. *N Engl J Med* 291:ixvixvii, 11 Jun 74
- Thymic function in malnutrition. *Nutr Rev* 32:180-2, Jun 74 (11 ref.)
- Effects of olfactory bulb section on brain noradrenaline, corticosterone and conditioning in the rat. King MG, et al.
- Pharmacol Blochem Behav 2:347-53, May 74
- Pituitary-adrenal function in adult androgenized female rats. Dunn JD. *Proc Soc Exp Biol Med* 146:75-7, May 74
- Radiolimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74
- [Influence of hypokinesia and subsequent stress upon the rat plasma and adrenal corticosterone level (author's transl)] Hadjilolova I. *Int Arch Arbeitsmed* 33:59-70, 12 Mar 74 (Eng. Abstr.) (Ger)
- [Interaction of glucocorticoids with cytoplasmic proteins of rat liver and thymus cells] Volchek AG, et al. *Probl Endokrinol (Mosk)* 20:65-71, Mar-Apr 74 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

- A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al.
- Biochem Biophys Res Commun 58:983-9, 18 Jun 74
- Metabolic fate of androgens in the pineal organ: uptake binding to cytoplasmic proteins and conversion of testosterone into 5alpha-reduced metabolites. Cardinali DP, et al. *Endocrinology* 95:179-87, Jul 74
- Secretion of ACTH by isolated anterior pituitary cells: kinetics of stimulation of corticotropin-releasing factor and of inhibition by corticosterone. Sayers G, et al. *Endocrinology* 94:1723-30, Jun 74
- Regulation of isoproterenol-stimulated DNA synthesis in rat salivary gland in vivo by adrenal glucocorticoids. Roth GS, et al. *Exp Gerontol* 9:13-26, Feb 74
- Proceedings: Corticosterone in the control of corticotrophin secretion in the rat. Buckingham J, et al. *J Endocrinol* 61:xxvixxvii, Apr 74
- Adrenal function and macromolecular transport across rat intestine. *Nutr Rev* 32:185-8, Jun 74 (12 ref.)
- Glucocorticoid anorexia in rats. Simpson CW, et al. *Pharmacol Blochem Behav* 2:19-25, Jan-Feb 74
- Olfactory thresholds in normal and adrenalectomized rats. Sakellaris PC. *Physiol Behav* 9:495-500, Oct 72
- Role of histaminase and corticosterone on the depletion of tissue histamine in the irradiated rats. Kobayashi S. *Proc Soc Exp Biol Med* 146:25-9, May 74
- Adrenocortical mediation of the effects of early life experiences. Ader R, et al. *Frog Brain Res* 39:395-406, 1973 (37 ref.)
- Effects of adrenal steroids on brain function and behavior. Korányi L. *Frog Brain Res* 39:111-23, 1973
- The measurement of succinic dehydrogenase in micro samples of tissue. Russell JC, et al. *Rev Can Biol* 33:55-60, Mar 74
- Distribution of transferred mature thymocytes of the rat. Sainte-Marie G, et al. *Rev Can Biol* 33:61-5, Mar 74
- Effect of corticosterone and cortisol on corticosteroidogenesis in isolated rat adrenal cells. Abe K, et al. *Tohoku J Exp Med* 112:195-6, Feb 74

PHYSIOLOGY

- Role of histaminase and corticosterone on the depletion of tissue histamine in the irradiated rats. Kobayashi S. *Proc Soc Exp Biol Med* 146:25-9, May 74

SECRETION

- Secretion of 16alpha-hydroxyprogesterone and other steroids by the adult human adrenal. Ramseyer J, et al. *J Clin Endocrinol Metab* 39:102-7, Jul 74
- Alteration of pituitary-adrenal dynamics induced by a water deprivation regimen. Sakellaris PC, et al. *Physiol Behav* 12:1067-70, Jun 74
- Corticosterone, prolactin, and growth hormone responses to handling and new environment in the rat. Brown GM, et al. *Psychosom Med* 36:241-7, May-Jun 74
- Radiolimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74
- The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al. *Steroids* 23:443-54, Mar 74
- [Change in the secretory activity of the adrenal cortex in silver foxes in the process of domestication] Bazhan NM, et al. *Dokl Akad Nauk SSSR* 216:922-4, 1974 (Rus)

URINE

- [Excretion of corticosteroids in the urine in adolescents with primary arterial hypertension] Markov KhM, et al. *Pediatrila* 53:37-40, Apr 74 (Rus)

CORTISONE

- Blastic transformation of mouse spleen lymphocytes by a water-soluble mitogen extracted from *Nocardia*. Bona C, et al. *Proc Natl Acad Sci USA* 71:1602-6, May 74
- Autonomy of the PHA-responsive cells in the mouse thymus. Jacobsson H, et al. *Scand J Haematol* 12:123-32, 1974
- [Transformation of steroids by cells and a cell-free preparation of *Mycobacterium globiforme* 193 cultures enclosed in polyacrylamide gel] Skriabin GK, et al. *Dokl Akad Nauk SSSR* 215:737-9, 21 Mar 74 (Rus)

ADMINISTRATION & DOSAGE

- Cortisol and cortisone acetate in parenteral glucocorticoid therapy? Kehlet H, et al. *Acta Med Scand* 195:421-3, May 74
- Hormone-induced changes in liver DNA synthesis: effects of glucocorticoids and growth hormone on liver growth and DNA polymerase activity. Henderson IC, et al. *Endocrinology* 94:1637-43, Jun 74
- The effect of corticotrophine and cortisone on arylsulphatase activity in stomach mucosa of rats. Kozłowska K. *Endokrinologie* 62:359-62, 1973
- Adjunct antilymphocyte globulin therapy in canine renal allograft recipients: importance of preoperative administration. Kelly GE, et al. *J Surg Res* 16:620-3, Jun 74
- Renal glycoprotein: glycosyl transferase activities after administration of folic acid. Kirachbaum BB, et al. *Nephron* 12:249-60, 1974
- [Local dermatological complications secondary to corticosteroid injections] Rimbaud P, et al. *Nouv Presse Med* 3:665-8, 16 Mar 74 (Fre)
- [The effect on estrogen, ACTH and cortisone administration, as well as hypophysectomy on histological changes in unilateral renal hilus ligation] László F, et al. *Morphol Igasszaguyi Orv Sz* 14:8-12, Jan 74 (Eng. Abstr.) (Hun)
- [Drug therapy in acute hypercalcemia] Frey H. *Tidsskr Nor Laegeforen* 94:847-8, 10 May 74 (Nor)
- [Comparative study of the preventive properties of the specific immune serum from rabbits recovering from tick-borne rickettsiosis] Rybkina NN. *Vopr Virusol* 18:689-93, Nov-Dec 73 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

- Focal and segmental sclerosing glomerulopathy (-nephritis). Rumpelt HJ, et al. *Virchows Arch [Pathol Anat]* 362:265-82, 1974
- [Local dermatological complications secondary to

CORTISONE

ADRENAL

- corticosteroid injections] Rimbaud P, et al. *Nouv Presse Med* 3:665-8, 16 Mar 74 (Fre)
- [Chronic calcific pancreatitis, alcohol and the pancreas] Sarles H, et al. *Nouv Presse Med* 3:817-20, 30 Mar 74 (Fre)
- [Cooperative study on the long-term treatment of osteoporosis with small doses of thyrocalcitonin. Apropos of 55 cases.] Bloch-Michel H, et al. *Rev Rhum Mal Osteoartic* 41:93-104, Feb 74 (Eng. Abstr.) (Fre)
- [Diagnosis and treatment of suppurative arthritis] Ryckewaert A, et al. *Rev Rhum Mal Osteoartic* 41:79-82, Feb 74 (Eng. Abstr.) (Fre)
- [Steroid glaucoma after renal transplantation (author's transl)] Kopsa H, et al. *Dtsch Med Wochenschr* 99:576-7, 22 Mar 74 (Eng. Abstr.) (Ger)
- [Macromolecular glycoproteins in gastric fluid and gastric mucus during the influence of cortisone-derivatives (author's transl)] Kuhn D. *Med Klin* 69:694-8, 19 Apr 74 (Eng. Abstr.) (Ger)
- [Drug-induced hypercorticism and its effect on femur heads] Stein G. *Roentgenblätter* 25:86-7, Feb 72 (Eng. Abstr.) (Ger)
- [The effect on estrogen, ACTH and cortisone administration, as well as hypophysectomy on histological changes in unilateral renal hilus ligation] László F, et al. *Morphol Igazságügyi Orv Sz* 14:8-12, Jan 74 (Eng. Abstr.) (Hun)

ANALYSIS

- Breast milk: a source of more than nutrition for the neonate. Knowles JA. *Clin Toxicol* 7:69-82, 1974 (43 ref.)

BIOSYNTHESIS

- [Effect of 6-methylthiouracil and cholesterol on corticosteroid biosynthesis in the adrenal glands of dogs] Tsiomik VA. *Probl Endokrinol (Mosk)* 20:84-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

DIAGNOSTIC USE

- [Biochemical diagnosis in hypercalcemia] Jorgensen H. *Tidsskr Nor Laegeforen* 94:1126-31, 20 Jun 74 (Nor)

METABOLISM

- Epinephrine blockade of ribonuclease activity stimulation in lymphoid organs by cortisone and prostaglandin EI. Maor D, et al. *Biomedicine [Express]* 19:374-8, 20 Sep 73
- Studies on corticosterone-receptor complexes from mouse placenta. Wong MD, et al. *Can J Biochem* 52:190-5, Mar 74
- Effects of dimethyl sulfoxide and trimethylphosphine oxide on percutaneous absorption of corticosteroids in the rat. Cramer MB, et al. *J Pharm Sci* 63:793-4, May 74
- Dose-dependent drug metabolism during the absorptive phase. Barr WH, et al. *Rev Can Biol* 32:Suppl:33-42, 1973
- Absorption of corticosteroids from the rat lung. Burton JA, et al. *Steroids* 23:617-24, May 74
- Uptake and metabolism of cortisone and cortisol by the fetal rabbit lung. Giannopoulos G. *Steroids* 23:845-53, Jun 74
- [Regulation of enzyme biosynthesis in a culture of *Mycobacterium globiforme*, strain 193, which transforms steroids] Gotovtseva VA, et al. *Mikrobiologiya* 42:434-40, May-Jun 73 (Eng. Abstr.) (Rus)
- [Interaction of glucocorticoids with cytoplasmic proteins of rat liver and thymus cells] Volchek AG, et al. *Probl Endokrinol (Mosk)* 20:65-71, Mar-Apr 74 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

- Effect of cortisone treatment and adrenalectomy on 5-hydroxytryptophan decarboxylase and monoamine oxidase activity in mouse tissues. Went M, et al. *Acta Physiol Acad Sci Hung* 43:233-7, 1973
- Epinephrine blockade of ribonuclease activity

- stimulation in lymphoid organs by cortisone and prostaglandin EI. Maor D, et al. *Biomedicine [Express]* 19:374-8, 20 Sep 73
- Studies on a smooth phage-resistant variant of *Brucella abortus*. I. Immunological properties. Corbel MJ, et al. *Br J Exp Pathol* 55:78-87, Feb 74
- Effects of cortisone on bone metabolism in intact and thyroidectomized rabbits. Thompson JS, et al. *Calcif Tissue Res* 13:197-215, 23 Oct 73
- Action of progesterone and related steroids on oocyte maturation in *Xenopus laevis*. An in vitro study. Schorderet-Slatkine S. *Cell Differ* 1:179-89, Aug 72
- Hormone-induced changes in liver DNA synthesis: effects of glucocorticoids and growth hormone on liver growth and DNA polymerase activity. Henderson IC, et al. *Endocrinology* 94:1637-43, Jun 74
- The effect of corticotrophine and cortisone on arylsulphatase activity in stomach mucosa of rats. Kozłowska K. *Endokrinologie* 62:359-62, 1973
- Renal glycoprotein: glycosyl transferase activities after administration of folic acid. Kirschbaum BB, et al. *Nephron* 12:249-60, 1974
- Adrenal function and macromolecular transport across rat intestine. *Nutr Rev* 32:185-8, Jun 74 (12 ref.)
- Immunoglobulins on thymus cells: reaction with anti-light chain antibody and quantitation by microprecipitin inhibition with cell extracts. Kirov SM, et al. *Scand J Immunol* 3:85-98, 1974
- Increased acridine orange uptake and lysosomal enzyme levels in rat liver after steroid administration. Kamble AB, et al. *Steroids* 23:517-34, Apr 74
- [Morphological examination of the epithelium of the pharyngeal tonsil, with special reference to reticulation] Mootz W. *Ann Univ Sarav [Med]* 20:245-305, 1973 (Ger)
- [Suture material and cortisone in surgery of the trachea. An animal experimental study (author's transl)] Weerda H, et al. *Laryngol Rhinol Otol (Stuttg)* 53:181-7, Mar 74 (Eng. Abstr.) (Ger)
- [Macromolecular glycoproteins in gastric fluid and gastric mucus during the influence of cortisone-derivatives (author's transl)] Kuhn D. *Med Klin* 69:694-8, 19 Apr 74 (Eng. Abstr.) (Ger)

THERAPEUTIC USE

- Pituitary adenoma associated with inappropriate antidiuretic hormone secretion. Greiss KC, et al. *Acta Endocrinol (Kbh)* 76:59-66, May 74
- Cortisol and cortisone acetate in parenteral glucocorticoid therapy? Kehlet H, et al. *Acta Med Scand* 195:421-3, May 74
- Clinical trial design in studies of corticosteroids for bacterial infections. Weltzman S, et al. *Ann Intern Med* 81:36-42, Jul 74 (49 ref.)
- Idiopathic hypoglycemia in infancy. Surgical management. Fonkalsrud EW, et al. *Arch Surg* 108:801-4, Jun 74
- Synovectomy of the knee in rheumatoid arthritis. Laurin CA, et al. *Clin Orthop* 101:36-9, Jun 74
- Surgery in corticosteroid-dependent asthmatics. Oh SE, et al. *J Allergy Clin Immunol* 53:345-51, Jun 74
- Adjunct antilymphocyte globulin therapy in canine renal allograft recipients: Importance of preoperative administration. Kelly GE, et al. *J Surg Res* 16:620-3, Jun 74
- The medical and surgical treatment of nasal polyps. Myers D, et al. *Laryngoscope* 84:833-47, May 74
- Herpes zoster ophthalmicus and facial paralysis. Crabtree JA. *Otolaryngol Clin North Am* 7:369-73, Jun 74 (18 ref.)
- Influence of chemical sympathectomy on endotoxin lethality in young rats. Agarwal MK. *Pathol Microbiol (Basel)* 40:268-74, 1974
- The significance of nerve involvement in leprosy. Antia NH. *Plast Reconstr Surg* 54:55-63, Jun 74
- Human anthrax in Iran. Report of 300 cases and review of literature. Amidt S, et al. *Tropenmed Parasitol* 25:96-104, Mar 74
- [Parenteral glucocorticoid substitution therapy--cortisol or cortisone preparation?] Kehlet H, et al. *Ugeskr Laeger* 136:965-6, 29 Apr 74 (Eng. Abstr.) (Dan)
- [Steroid glaucoma after renal transplantation (author's transl)] Kopsa H, et al. *Dtsch Med Wochenschr* 99:576-7, 22 Mar 74 (Eng. Abstr.) (Ger)
- [Suture material and cortisone in surgery of the trachea. An animal experimental study (author's

ADRENAL

- transl)] Weerda H, et al.
Laryngol Rhinol Otol (Stuttg) 53:181-7, Mar 74 (Eng. Abstr.) (Ger)
- [Macromolecular glycoproteins in gastric fluid and gastric mucus during the influence of cortisone-derivatives (author's transl)] Kuhn D. Med Klin 69:694-8, 19 Apr 74 (Eng. Abstr.) (Ger)
- [Drug-induced hypercorticism and its effect on femur heads] Stein G.
Roentgenblätter 25:86-7, Feb 72 (Eng. Abstr.) (Ger)
- [Nephrotic syndrome and inflammation of the thyroid gland after D-penicillamine] Haas P, et al.
Wien Med Wochenschr 124:333-4, 1 Jun 74 (Ger)
- [Surgical treatment of female sterility--implantation of the tube] Csaba I, et al.
Zentralbl Gynaekol 96:490-5, 19 Apr 74 (Eng. Abstr.) (Ger)
- [Problems of neonatal jaundice] De Prà M, et al. Minerva Pediatr 26:260-3, 18 Feb 74 (Eng. Abstr.) (Ita)
- [Drug therapy in acute hypercalcemia] Frey H. Tidsskr Nor Laegeforen 94:847-8, 10 May 74 (Nor)

URINE

- [Role of glucocorticoids in the regulation of carbohydrate metabolism in patients with ischemic heart disease] Miasnikov LA, et al.
Kardiologia 15:9-14, 1974 (Eng. Abstr.) (Rus)
- [Excretion of corticosteroids in the urine in adolescents with primary arterial hypertension] Markov KhM, et al. Pediatría 53:37-40, Apr 74 (Rus)

DEHYDROEPIANDROSTERONE

- Testicular function in myotonic dystrophy of childhood. Hamilton W.
Clin Endocrinol (Oxf) 3:215-22, Apr 74
- Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Oakley RE, et al. Clin Endocrinol (Oxf) 3:131-48, Apr 74
- Steroid sulfatase activities in human breast tumors. Dao TL, et al. Proc Soc Exp Biol Med 146:381-4, Jun 74
- I. Preparation of steroid-antigens through positions of the steroid not bearing functional groups. Condom R, et al. Steroids 23:483-98, Apr 74

ANALYSIS

- Simultaneous estimation of pregnenolone, 17-hydroxypregnenolone and dehydroepiandrosterone by gas-liquid radiochromatography. Nice E, et al.
Anal Biochem 59:399-406, Jun 74

BIOSYNTHESIS

- Biosynthesis of steroids from (14C)cholesterol, (3H) progesterone and (3H)pregnenolone by human adrenal carcinoma tissue. Nishida S, et al.
Clin Chim Acta 52:97-103, Mar 74
- Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. Laatikainen TJ, et al.
J Clin Invest 53:1709-15, Jun 74
- Androgen metabolism by rat epididymis. 2. Metabolic conversion of 3H-testosterone in vitro. Djoseland O, et al. Steroids 23:397-410, Mar 74

BLOOD

- A comparative study of dehydroepiandrosterone and dehydroepiandrosterone sulphate dynamics by the "urinary" and "blood approach" under physiological conditions. Fehér T, et al.
Acta Endocrinol (Kbh) 75:314-24, Feb 74
- Kinetics of dehydroepiandrosterone sulphate metabolism in normal controls and patients with liver cirrhosis and acute hepatitis. Oseko F, et al.
Acta Endocrinol (Kbh) 76:332-42, Jun 74
- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al.
Am J Obstet Gynecol 119:283-96, 1 Jun 74
- Dehydroepiandrosterone (DHA) and DHA-sulphate during pregnancy in maternal blood. Nieschlag E, et al. Horm Metab Res 8:170-1, Mar 74
- Serum steroid levels following a large intravenous dose of a steroid sulfate precursor during the second trimester of human pregnancy. I.
Dehydroepiandrosterone sulfate. Buster JE, et al. J Clin Endocrinol Metab 38:1031-7, Jun 74

METABOLISM

- A comparative study of dehydroepiandrosterone and dehydroepiandrosterone sulphate dynamics by the "urinary" and "blood approach" under physiological conditions. Fehér T, et al.
Acta Endocrinol (Kbh) 75:314-24, Feb 74
- Characteristics of the nuclear and microsomal steroid delta-4-5 alpha-hydrogenase of the rat prostate. Nozu K, et al. Acta Endocrinol (Kbh) 76:608-24, Jul 74
- Kinetics of dehydroepiandrosterone sulphate metabolism in normal controls and patients with liver cirrhosis and acute hepatitis. Oseko F, et al.
Acta Endocrinol (Kbh) 76:332-42, Jun 74
- Biosynthesis of 3beta, 17beta-dihydroxyandrost-5-en-16-one by hepatic microsomes from previable and anencephalic human fetuses. Tabel T, et al.
Acta Endocrinol (Kbh) 76:576-82, Jul 74
- Androgen metabolism in gynaecomastic breast tissue. Miller WR, et al.
Clin Endocrinol (Oxf) 3:123-30, Apr 74
- New potent inhibitors of 3beta-hydroxy-delta 5-steroid oxidoreductase with short duration of action. Begue RJ, et al. Endocrinology 95:238-46, Jul 74
- Estrogen production and its origin in men with gonadotropin-producing neoplasms. Kirschner MA, et al. J Clin Endocrinol Metab 39:112-8, Jul 74
- Feminine patterns of androgen metabolism and presence of delta5, 3beta-hydroxysteroid oxidoreductases in target organs of genetic rat male pseudohermaphrodites. Goldman AS, et al.
Proc Soc Exp Biol Med 146:539-45, Jun 74
- The biosynthesis of estrogens by cow follicles. Lacroix E, et al. Steroids 23:337-56, Mar 74
- Steroid metabolism by human breast and rat mammary carcinomata. Miller WR, et al.
Steroids 23:379-95, Mar 74
- [In vitro biosynthesis of 7alpha-3H-steroid-35S-sulfatide from 7alpha-3H-DHEA-34-sulfate in the intestine of the guinea pig] Schirazi M, et al.
Endokrinologie 62:363-7, 1973 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

- Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hipkin LJ. Acta Endocrinol (Kbh) 75:141-7, Jan 74
- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al.
Acta Endocrinol (Kbh) 76:556-69, Jul 74
- Sex hormones--effects on prolactin cells. el Etreby MF, et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
- The effect of increasing maternal dehydroepiandrosterone sulfate on estrogen synthesis by pregnant baboons. Crystle CD, et al.
Endocrinology 94:1743-5, Jun 74

TOXICITY

- [Toxicological characteristics of semiproducts of steroid hormones] Shashkina LF, et al.
Gig Tr Prof Zabol 18:32-6, Feb 74 (Eng. Abstr.) (Rus)

URINE

- A comparative study of dehydroepiandrosterone and dehydroepiandrosterone sulphate dynamics by the "urinary" and "blood approach" under physiological conditions. Fehér T, et al.
Acta Endocrinol (Kbh) 75:314-24, Feb 74
- [Qualitative and quantitative analysis of 17-ketosteroids and 20-hydroxy-21-deoxysteroids in urine by gas-liquid chromatography and mass spectrum analysis] Desgres J, et al.
Clin Chim Acta 52:381-405, 17 May 74 (Eng. Abstr.) (Fre)
- [Clinical characteristics of the patients and the endocrine disturbances in inflammation of the uterine adnexa] Koreneva GP, et al.
Pediatr Akush Ginekoi 3:53-6, 1973 (Ukr)

DESOXYCORTICOSTERONE

- A contrast in vascular reactivity between two kinds of experimental hypertension studied by measurements

ADRENAL

- of the critical opening pressure of tail vessels in the conscious rat. Darke AC, et al. *Bibl Anat* 12:429-36, 1973
- The relevance of intravascular coagulation to pre-eclampsia. Wardle EN. *Bibl Anat* 12:64-9, 1973
- Deficiency of coenzyme Q10 in hypertensive rats and reduction of deficiency by treatment with coenzyme Q10. Iwamoto Y, et al. *Biochem Biophys Res Commun* 58:743-8, 4 Jun 74
- Spectral properties of rat adrenal-mitochondrial cytochrome P-450. Jefcoate CR, et al. *Eur J Biochem* 42:539-51, 1 Mar 74
- Proceedings: Further studies on the mechanisms of blood pressure lowering effect of L-DOPA and a peripheral decarboxylase inhibitor in hypertensive rats. Nakamura K, et al. *Jap Heart J* 15:187-8, Mar 74

ADMINISTRATION & DOSAGE

- The influence of renin on the intrarenal distribution of blood flow and autoregulation. Brech WJ, et al. *Nephron* 12:44-58, 1974
- Electron microscopic autoradiographic study of cholesterol passage across arterial and capillary endothelium. Constantinides P, et al. *Virchows Arch [Pathol Anat]* 362:291-310, 1974

ADVERSE EFFECTS

- Renin and aldosterone and the pathogenesis of hypertensive vascular damage. Gavras H, et al. *Prog Cardiovasc Dis* 17:39-49, Jul-Aug 74 (65 ref.)

BLOOD

- Hypercorticism in rabbits immunized against corticosteroids. Gless KH, et al. *Acta Endocrinol (Kbh)* 75:342-9, Feb 74

DIAGNOSTIC USE

- [Test with desoxycorticosterone acetate in the diagnosis of mucoviscidosis in children] Fedeeva MA, et al. *Pediatrilia* 3:8-12, Mar 74 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

- The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al. *Steroids* 23:443-54, Mar 74

METABOLISM

- Deficiency of deoxycorticosterone-binding protein in the hypothalamus of rats resistant to deoxycorticosterone-induced hypertension. Lassman MN, et al. *Endocrinology* 94:1541-6, Jun 74
- Relationships between renal cytoplasmic and nuclear aldosterone-receptors. Marver D, et al. *Kidney Int* 1:210-23, Apr 72

PHARMACODYNAMICS

- Thymus dependency of periarteritis nodosa in DOCA and salt treated mice. Svendsen UG. *Acta Pathol Microbiol Scand [A]* 82:30-4, Jan 74
- Effect of 11-deoxycorticosterone on cholesterol sidechain cleavage by adrenal cortex mitochondria. Wickramasinghe RH. *Horm Metab Res* 6:241-2, May 74
- Influence of aldosterone on sodium, water and potassium metabolism in chronic renal disease. Schrier RW, et al. *Kidney Int* 1:156-68, Mar 72
- Effect of extracellular volume expansion on renal Na-K-ATPase and cell metabolism. Kramer HJ, et al. *Nephron* 12:281-96, 1974
- [Morphological examination of the epithelium of the pharyngeal tonsil, with special reference to reticulation] Mootz W. *Ann Univ Sarav [Med]* 20:245-305, 1973 (Ger)
- [Local use of desoxycorticosterone in the treatment of posttraumatic granulating wounds] Markarian MG. *Ortop Travmatol Protez* 34:60-2, 1974 (Rus)
- [Importance of the adrenal glands in regulating iron metabolism in the animal organism] Voroshilovskaya SP. *Ukr Biokhim Zh* 45:342-6, May-Jun 73 (Eng. Abstr.) (Ukr)

SECRETION

- Mineralocorticoid receptors in salt-susceptible and salt-resistant rats. Funder JW, et al. *Endocrinology* 94:1739-43, Jun 74
- The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al. *Steroids* 23:443-54, Mar 74
- [Present trends in the diagnosis of primary hyperaldosteronism] Ripa R. *G Ital Cardiol* 4:270-6, 1974 (72 ref.) (Ita)

THERAPEUTIC USE

- [Local use of desoxycorticosterone in the treatment of posttraumatic granulating wounds] Markarian MG. *Ortop Travmatol Protez* 34:60-2, 1974 (Rus)

DEXAMETHASONE

ADMINISTRATION & DOSAGE

- Peripheral plasma levels of estrone and progesterone in pregnant pigs treated with dexamethasone. Bosu WT, et al. *Acta Vet Scand* 15:111-9, 1974
- Suppression of plasma cortisol in normal and glaucomatous patients. Rosenberg S, et al. *Arch Ophthalmol* 92:6-9, Jul 74
- Corticosteroid therapy of preterminal gastrointestinal cancer. Moertel CG, et al. *Cancer* 33:1607-9, Jun 74
- Clinical safety of dexamethasone in mares during pregnancy. Burns SJ. *Equine Vet J* 5:91-3, Apr 73
- Plasma testosterone and estradiol concentration in prepubertal boys with cryptorchidism before and after dexamethasone and after human chorionic gonadotropin administration. Cacclari E, et al. *Helv Paediatr Acta* 29:27-34, Apr 74
- The use of tissue adhesive (isobutyl cyanoacrylate) and topical steroid (0.1 percent dexamethasone) in experimental tympanoplasty. Kaufman RS. *Laryngoscope* 84:793-804, May 74
- Epiglottitis--individualized management with steroids. Strome M, et al. *Laryngoscope* 84:921-8, Jun 74
- Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylate cyclase and cyclic adenosine 3',5' monophosphate by hypothalamic extract. Zor U, et al. *Metabolism* 23:549-59, Jun 74
- Competitive protein-binding assay for corticoids in the peripheral plasma of the immature chicken. Buckland RB, et al. *Poult Sci* 53:241-5, Jan 74
- Spontaneous spinal epidural hemorrhage. Banerjee T, et al. *South Med J* 67:858-61, Jul 74
- [Determination of 17-alpha hydroxyprogesterone in plasma using competitive protein binding] Roux H, et al. *Ann Biol Clin (Paris)* 32:65-9, 1974 (Eng. Abstr.) (Fre)
- [Comparative study of the vasoconstrictive activity of preparations containing topical corticosteroids] Henschel V, et al. *J Pharm Belg* 29:3-15, Jan-Feb 74 (Eng. Abstr.) (Fre)
- [Functional activity of the hypothalamus-pituitary gland-adrenal cortex system in dogs after prolonged administration of dexamethasone] Razina LG, et al. *Probl Endocrinol (Mosk)* 20:101-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Changes in the organ of vision during general experimental steroid therapy] Koretskaia IuM, et al. *Vestn Oftalmol* 2:45-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Kinetics of the initial response of plasma corticoids to corticotropin administration] Oriol Bosch A, et al. *Rev Iber Endocrinol* 21:209-15, May 74 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

- Corticosteroid therapy of preterminal gastrointestinal cancer. Moertel CG, et al. *Cancer* 33:1607-9, Jun 74
- [Cortisone-myopathy] Kaiser H. *Verh Dtsch Ges Rheumatol* 3:269-71, 1974 (Eng. Abstr.) (Ger)
- [Spersadex and Spersadex with chloramphenicol eyedrops] Horven I. *Tidsskr Nor Laegeforen* 94:789-90, 30 Apr 74 (Nor)
- [Response to the heparin-azothioprine combination in a case of uveitis of the hypopion (Behcet) initially worsened by corticosteroids] Jordano J, et al. *Rev Clin Esp* 132:177-80, 31 Jan 74 (Spa)

ANALYSIS

Determination of steroid phosphates in formulations of creams, ointments, and solutions by blue tetrazolium reduction. Van Dame HC.
J Assoc Off Anal Chem 57:731-4, May 74

DIAGNOSTIC USE

Cortisol and cortisol binding characteristics in girls with "cushingoid" syndrome. Krawczuk A, et al. Endokrinologie 62:350-8, 1973
The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al. J Clin Endocrinol Metab 39:81-95, Jul 74
Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. J Clin Endocrinol Metab 38:944-75, Jun 74
Pituitary-adrenal function in adult androgenized female rats. Dunn JD. Proc Soc Exp Biol Med 146:75-7, May 74
Increased androgen secretion by the ovaries and "hyperovarianism". Respective studies Geller S, et al. Nouv Presse Med 3:809-10, 30 Mar 74 (Fre)
Paradoxical response to dexamethasone. A contribution to the differential diagnosis of adrenal hyperfunction? Serrera Contreras JL, et al. Rev Iber Endocrinol 21:127-48, Mar-Apr 74 (Eng. Abstr.) (Spa)

METABOLISM

A rapid technique for separation of thymocytes from suspensions by centrifugation through silicone oil. Andreasen PA, et al. Anal Biochem 59:610-6, Jun 74
Acidophilic activation of steroid hormone receptors. Milgrom E, et al. Biochemistry 12:5198-205, 4 Dec 73
Cytoplasmic glucocorticoid-binding proteins in glucocorticoid-unresponsive human and mouse leukemic cell lines. Lippman ME, et al. Cancer Res 34:1572-6, Jul 74
Deficiency of deoxycorticosterone-binding protein in the hypothalamus of rats resistant to deoxycorticosterone-induced hypertension. Lassman MN, et al. Endocrinology 94:1541-6, Jun 74
Studies on a specific glucocorticoid-hormone receptor in the developing chick retina. Wiggert BO, et al. Exp Eye Res 18:477-84, May 74
Permeability of the isolated rabbit cornea to corticosteroids. Hull DS, et al. Invest Ophthalmol 13:457-9, Jun 74
Absorption of corticosteroids from the rat lung. Burton JA, et al. Steroids 23:617-24, May 74
[Comparative study of the vasoconstrictive activity of preparations containing topical corticosteroids] Henschel V, et al. J Pharm Belg 29:3-15, Jan-Feb 74 (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

The effect of nandrolone phenylpropionate on 14 C-leucine incorporation into muscle protein in the rat and rabbit in vivo. Bresloff P, et al. Acta Endocrinol (Kbh) 76:403-16, Jun 74
Peripheral plasma levels of estrone and progesterone in pregnant pigs treated with dexamethasone. Bosu WT, et al. Acta Vet Scand 15:111-9, 1974
Aldosterone stimulation of acidification of urine by isolated urinary bladder of the Colombian toad. Ludens JH, et al. Am J Physiol 226:1321-6, Jun 74
5-Fluorocytosine in the treatment of experimental candidiasis in immunosuppressed mice. Linquist JA, et al. Antimicrob Agents Chemother 4:58-61, Jul 73
Ultrastructure and function of the mesenchyme of the rat adrenal cortex. Mäusle E. Beitr Pathol 151:344-60, Apr 74
Acidophilic activation of steroid hormone receptors. Milgrom E, et al. Biochemistry 12:5198-205, 4 Dec 73
Influence of asphyxia and of dexamethasone on ATP concentrations in the immature rat brain. Adlard BP, et al. Biol Neonate 24:82-8, 1974
Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al. Clin Endocrinol (Oxf) 3:41-8, Jan 74
Application of the cytochemical bioassay for corticotrophin to clinical and physiological studies in man. Daly JR, et al. Clin Endocrinol (Oxf) 3:335-45, Jul 74
Circadian rhythm of plasma corticosteroids in

congenital adrenal hyperplasia. Reschini E, et al. Clin Endocrinol (Oxf) 3:209-13, Apr 74
Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Vetter H, et al. Clin Endocrinol (Oxf) 3:41-8, Jan 74
Aldosterone secretion in the enucleated rat adrenal during salt retention. Pratt JH, et al. Endocrinology 95:48-54, Jul 74
Effects of bovine growth hormone preparations, fragments of growth hormone and pituitary anti-insulin peptide on lipolysis and glucose metabolism of isolated fat cells and adipose tissue. Wieser PB, et al. Endocrinology 95:206-12, Jul 74
Regulation of delta-aminolevulinic acid synthetase by drugs and steroids in isolated perfused rat liver. Bock KW, et al. Enzyme 16:295-301, 1973
Clinical safety of dexamethasone in mares during pregnancy. Burns SJ. Equine Vet J 5:91-3, Apr 73
Proceedings: Effects on prostaglandin biosynthesis of drugs affecting gastrointestinal function. Butt AA, et al. Gut 15:344, Apr 74
Plasma testosterone and estradiol concentration in prepubertal boys with cryptorchidism before and after dexamethasone and after human chorionic gonadotropin administration. Cacciari E, et al. Helv Paediatr Acta 29:27-34, Apr 74
The nature of the circadian periodicity and suppressibility of immunoreactive ACTH levels in Addison's disease. Krieger DT, et al. J Clin Endocrinol Metab 39:46-52, Jul 74
Proceedings: Mechanism of action of glucocorticoids in induction of ovine parturition: effect on placental steroid metabolism. Anderson AB, et al. J Endocrinol 61:xxxvixxxvii, Apr 74
Plasma testosterone, androstenedione and urinary 17-oxosteroids in hirsutism. Andre CM, et al. J Endocrinol 61:xxxix-xxxii, Apr 74
Proceedings: Uterine venous prostaglandin F and oestrogen levels during ovine parturition: acute effects of cervical stimulation. Flint AP, et al. J Endocrinol 61:xxxvixxxvi, Apr 74
Effects of grouping on sexual receptivity in female hamsters. Lisk RD, et al. J Exp Zool 189:1-6, Jul 74
Enhanced production of mouse mammary tumor virus in dexamethasone-treated, 5-iododeoxyuridine-stimulated mammary tumor cell cultures. Fine DL, et al. J Natl Cancer Inst 52:1881-6, Jun 74
Inhibition by dexamethasone of intracellular binding of phorbol esters to mouse skin. Slaga TJ, et al. J Natl Cancer Inst 52:1611-8, May 74
Effect of dexamethasone on serum levels of human placental lactogen during the last trimester of pregnancy. Ylikorkala O, et al. J Obstet Gynaecol Br Commonw 81:368-70, May 74
The effect of drugs on the eosinophilic leukocyte population of rat tissues. II. Cyclophosphamide. Ottolenghi A, et al. J Pharmacol Exp Ther 189:312-6, May 74
The effect of drugs on the eosinophilic leukocyte population of rat tissues. I. Dexamethasone. Ottolenghi A, et al. J Pharmacol Exp Ther 189:303-11, May 74
Proceedings: Further investigations on the effects of adrenalectomy and pituitary-adrenocortical hormone treatments on isolation-induced fighting behaviour in male albino mice. Brain PF, et al. N Engl J Med 291:43-4, 11 Jun 74
Proceedings: Adrenal function, oestrogen and the control of parturition in the guinea-pig. Donovan BT, et al. N Engl J Med 291:lxixlxxii, 11 Jun 74
Regulation of the corticosteroid inducibility of tyrosine aminotransferase in interspecific hybrid cells. Croce CM, et al. Nature 249:839-41, 28 Jun 74
Adverse interaction between steroid hormones and anticholinesterase drugs. Patten BM, et al. Neurology (Minneap) 24:442-9, May 74
Glucocorticoid anorexia in rats. Simpson CW, et al. Pharmacol Biochem Behav 2:19-25, Jan-Feb 74
Competitive protein-binding assay for corticoids in the peripheral plasma of the immature chicken. Buckland RB, et al. Poult Sci 53:241-5, Jan 74
Adrenal corticosteroids enhance production of type-C virus induced by 5-iodo-2'-deoxyuridine from cultured mouse fibroblasts. Paran M, et al. Proc Natl Acad Sci USA 70:2391-5, Aug 73
Effect of intermittent electric shock on plasma renin activity in rats. Leenen FH, et al. Proc Soc Exp Biol Med 146:534-8, Jun 74
The effect of corticosteroid treatment on the

- development of inhibited *Ostertagia ostertagi* larvae. Prichard RK, et al. *Res Vet Sci* 16:267-9, Mar 74
- Radiolimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74
- [Comparative study of the vasoconstrictive activity of preparations containing topical corticosteroids] Henschel V, et al.
- J Pharm Belg* 29:3-15, Jan-Feb 74 (Eng. Abstr.) (Fre)
- [Effect of glucocorticoids and the level of ACTH, TSH, LH and FSH in the human serum] Wagner H, et al. *Verh Dtsch Ges Rheumatol* 3:271-6, 1974 (Eng. Abstr.) (Ger)
- [Activity of the diencephalo-hypophyseal-adrenal axis in the Langdon-Down syndrome] Saba P, et al. *Folia Endocrinol (Roma)* 27:224-32, Apr 74 (Eng. Abstr.) (Ita)
- [Functional activity of the hypothalamus-pituitary gland-adrenal cortex system in dogs after prolonged administration of dexamethasone] Razina LG, et al. *Probl Endokrinol (Mosk)* 20:101-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Changes in the organ of vision during general experimental therapy] Koretskaya IuM, et al. *Vestn Oftalmol* 2:45-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Kinetics of the initial response of plasma corticoids to corticotropin administration] Oriol Bosch A, et al. *Rev Iber Endocrinol* 21:209-15, May 74 (Eng. Abstr.) (Spa)

THERAPEUTIC USE

- Partial lipodystrophy and chronic hypocomplementemic glomerulonephritis. Ljunghall S, et al. *Acta Med Scand* 195:493-7, Jun 74
- The action of corticosteroid hormones in an experimental brain tumour model. Shapiro WR. *Afr J Med Sci* 4:351-8, Oct 73
- Functional black adenoma of the adrenal cortex. A rare cause of primary aldosteronism. Caplan RH, et al. *Am J Clin Pathol* 62:97-103, Jul 74
- Systemic Weber-Christian disease and thrombocythemia terminating in reticulum-cell sarcoma. Fayemi AO, et al.
- Am J Clin Pathol* 62:88-93, Jul 74
- Clinical trial design in studies of corticosteroids for bacterial infections. Weitzman S, et al.
- Ann Intern Med* 81:36-42, Jul 74 (49 ref.)
- The therapy of diabetic retinopathy. Francois J, et al. *Ann Ophthalmol* 6:547-50, passim, Jun 74
- Nonsurgical treatment of subdural hematomas. Bender MB, et al. *Arch Neurol* 31:73-9, Aug 74
- Supratentorial tuberculoma: a case report and review. Jacques S, et al.
- Bull Los Angeles Neurol Soc* 39:56-9, Apr 74
- Corticosteroid therapy of preterminal gastrointestinal cancer. Moertel CG, et al. *Cancer* 33:1607-9, Jun 74
- Plasma corticotropin radioimmunoassay, with use of fuller's earth for extraction. Horgan ED, et al. *Clin Chem* 20:682-6, Jun 74
- 17-Oxosteroid control of porphyrin biosynthesis. Moore MR, et al. *Enzyme* 16:314-25, 1973
- A detailed assessment procedure of anti-inflammatory effects of drugs on experimental immunogenic uveitis in rabbits. Ashford JJ, et al.
- Invest Ophthalmol* 13:414-21, Jun 74
- Observations on tuberculous pleural effusion. Banerjee SK, et al. *J Indian Med Assoc* 61:427-9, 16 Nov 73
- Water and electrolyte abnormalities in the human brain after severe intrapartum asphyxia. Anderson JM, et al. *J Neurol Neurosurg Psychiatry* 37:514-20, May 74
- Three patients with intracranial tuberculomas with unusual features. Thrush DC, et al.
- J Neurol Neurosurg Psychiatry* 37:566-9, May 74
- Aseptic meningitis following posterior fossa surgery in children. Carmel PW, et al. *J Neurosurg* 41:44-8, Jul 74
- Effect of dexamethasone on serum levels of human placental lactogen during the last trimester of pregnancy. Ylikorkala O, et al.
- J Obstet Gynaecol Br Commonw* 81:368-70, May 74
- The use of tissue adhesive (isobutyl cyanoacrylate) and topical steroid (0.1 percent dexamethasone) in experimental tympanoplasty. Kaufman RS. *Laryngoscope* 84:793-804, May 74
- Epiglottitis—individualized management with steroids. Strome M, et al. *Laryngoscope* 84:921-8, Jun 74
- Editorial: Pseudotumor cerebri. Galbraith RF. *Minn Med* 57:295, Apr 74
- Formation and treatment of cerebral edema.

Baethmann A, et al.

- Neurochirurgia (Stuttg)* 17:37-47, Mar 74
- Spontaneous spinal epidural hemorrhage. Banerjee T, et al. *South Med J* 67:858-61, Jul 74
- Experimental *Escherichia coli* mastitis in cattle, its pathogenesis and treatment. Said AH. *Tijdschr Diergeneesk* 98:387-96, 15 Apr 73
- Reye's syndrome: clinical delineation and evaluation. Tang TT, et al. *Wis Med J* 73:49-54, May 74
- [Use of polyacrylamide gel for the estimation of the degradation products of glucosaminoglycans in formalin-induced keratitis (author's transl)] Thiel HJ, et al.
- Albrecht von Graefes Arch Klin Ophthalmol 190:133-43, 4 Apr 74 (Eng. Abstr.) (Ger)
- [Effects of nebacetin and nebacetin dexamethasone on the growth of microorganisms in the root canal of the tooth (author's transl)] Matz K, et al.
- Infection* 2:37-9, 1974 (Eng. Abstr.) (Ger)
- [Spersadex and Spersadex with chloramphenicol eyedrops] Horven I.
- Tidsskr Nor Laegeforen* 94:789-90, 30 Apr 74 (Nor)
- [Painful ophthalmoplegia. Report of 3 cases] Perpétuo FO.
- Arq Neuropsiquiatr* 32:56-60, Mar 74 (Eng. Abstr.) (Por)
- [Treatment of certain dermatoses with aerosols of Polish manufacture] Butov IuS, et al.
- Vestn Dermatol Venerol* 48:75-8, May 74 (Rus)
- [Response to the heparin-azothioprine combination in a case of uveitis of the hypopion (Behcet) initially worsened by corticosteroids] Jordano J, et al.
- Rev Clin Esp* 132:177-80, 31 Jan 74 (Spa)

TOXICITY

- Clinical safety of dexamethasone in mares during pregnancy. Burns SJ. *Equine Vet J* 5:91-3, Apr 73
- Gonitrogenic action of some anti-adrenal drugs (metopron-dexamethasone) in the hedgehog, *Hemiechinus auritus* Collaris. Dixit VP, et al.
- Indian J Exp Biol* 11:566-7, Nov 73

ETIOCHOLANOLONE

PHARMACODYNAMICS

- Increased acridine orange uptake and lysosomal enzyme levels in rat liver after steroid administration. Kamble AB, et al. *Steroids* 23:517-34, Apr 74

URINE

- Hormones and neoplasia. Forrest AP. *J Clin Pathol [Suppl]* 7:65-71, 1974 (76 ref.)
- [Urinary steroid excretion in obese children] Haberfellner H, et al.
- Wien Med Wochenschr* 124:437-42, 6 Jul 74 (Ger)

FLUDROCORTISONE

ADMINISTRATION & DOSAGE

- Effects of 9-alpha-fluorohydrocortisone on blood pressure, plasma volume, and sodium, potassium and water balance in rats. Haack D, et al.
- Acta Endocrinol (Kbh)* 76:539-55, Jul 74

ADVERSE EFFECTS

- The effect of hypokalaemia and of digoxin therapy on red cell sodium and potassium content. Some clinical aspects. Astrup J.
- Scand J Clin Lab Invest* 33:11-6, Feb 74

ANTAGONISTS & INHIBITORS

- Glucagon induced refractoriness to exogenous mineralocorticoid. O'Brien JT, et al.
- J Clin Endocrinol Metab* 38:1147-9, Jun 74

PHARMACODYNAMICS

- Effects of 9-alpha-fluorohydrocortisone on blood pressure, plasma volume, and sodium, potassium and water balance in rats. Haack D, et al.
- Acta Endocrinol (Kbh)* 76:539-55, Jul 74

ADRENAL

GLUCOCORTICOIDS

FLUMETHASONE

ADMINISTRATION & DOSAGE

Use of dimethyl sulfoxide-flumethasone combination for treatment of endotoxin-induced bovine mastitis. Carroll EJ, et al. *Am J Vet Res* 35:781-5, Jun 74

ADVERSE EFFECTS

[Comparative animal experiments on epidermal hypoplasia induced by means of topical glucocorticoids] Weirich EG, et al. *Z Hautkr* 49:91-106, 1 Feb 74 (Ger)

THERAPEUTIC USE

Use of dimethyl sulfoxide-flumethasone combination for treatment of endotoxin-induced bovine mastitis. Carroll EJ, et al. *Am J Vet Res* 35:781-5, Jun 74

FLUOCINOLONE ACETONIDE

ADMINISTRATION & DOSAGE

Poison ivy-oak-induced delayed hypersensitivity in the guinea pig: inhibition with fluocinonide. Kepel E, et al. *J Invest Dermatol* 62:595-6, Jun 74
Gels and other topical corticosteroids. *Med Lett Drugs Ther* 16:50-2, 7 Jun 74
[Treatment of psoriasis with Synalar ointment] Chowaniec O. *Przegl Dermatol* 60:234-8, Mar-Apr 73 (Eng. Abstr.) (Pol)

ADVERSE EFFECTS

A double-blind clinical study of buprenorphine and fluocinolone acetonide in dermatitis. Mackey JP. *J Ir Med Assoc* 67:214-6, 27 Apr 74
Gels and other topical corticosteroids. *Med Lett Drugs Ther* 16:50-2, 7 Jun 74

THERAPEUTIC USE

Flare dermatitis. Occurrence in skin transplant donor site following sensitization in recipient site. Jordan WP Jr, et al. *Arch Dermatol* 109:884-6, Jun 74
Poison ivy-oak-induced delayed hypersensitivity in the guinea pig: inhibition with fluocinonide. Kepel E, et al. *J Invest Dermatol* 62:595-6, Jun 74
A double-blind clinical study of buprenorphine and fluocinolone acetonide in dermatitis. Mackey JP. *J Ir Med Assoc* 67:214-6, 27 Apr 74
Gels and other topical corticosteroids. *Med Lett Drugs Ther* 16:50-2, 7 Jun 74
Accidental irradiation of skin on hands with a proton beam of 4 MeV energy. Dziuk E, et al. *Strahlentherapie* 146:885-92, Dec 73
[Dermatological study of a new topical compound of fluocinonide and neomycin sulfate] Privat Y. *Therapeutique* 49:609-13, Nov 73 (Fre)
[Treatment of psoriasis with Synalar ointment] Chowaniec O. *Przegl Dermatol* 60:234-8, Mar-Apr 73 (Eng. Abstr.) (Pol)

FLUOROMETHOLONE

METABOLISM

Permeability of the isolated rabbit cornea to corticosteroids. Hull DS, et al. *Invest Ophthalmol* 13:457-9, Jun 74

THERAPEUTIC USE

Cancer of the gastrointestinal tract. Chemotherapy. Moertel CG. *JAMA* 228:1290-1, 3 Jun 74

GLUCOCORTICOIDS

The molecular biology of the steroid hormones. Tomkins GM. *Adv Exp Med Biol* 44:357-65, Jun 74
Glucocorticoid binding sites in rat brain: subcellular and anatomical localizations. McEwen BS. *Prog Brain Res* 39:87-97, 1973
The nature of the venous systems in the adrenal gland. Dempster WJ. *Tohoku J Exp Med* 112:63-77, Jan 74

ADMINISTRATION & DOSAGE

Clinical trial design in studies of corticosteroids for bacterial infections. Weitzman S, et al. *Ann Intern Med* 81:36-42, Jul 74 (49 ref.)
Increased adenosine triphosphatase in leukocytes of asthmatic children. Coffey RG, et al. *J Clin Invest* 54:138-46, Jul 74
Diabetes and Addison's disease. Yoo J, et al. *Postgrad Med* 55:62-9, Jun 74
["Steroid umbrella"] Kehlet H, et al. *Ugeskr Laeger* 136:993-4, 29 Apr 74 (Dan)
[Unusual course of an Addisonian crisis: cardinal neuropsychiatric symptoms, repeated asystole, and successful treatment (author's transl)] Maeder HU, et al. *Dtsch Med Wochenschr* 99:942 passim, May 74 (Eng. Abstr.) (Ger)
[Current problems of corticosteroid therapy] Böttger G. *Z Aerzt Fortbild (Jena)* 68:166-73, 15 Feb 74 (Ger)
[The place corticosteroids in the treatment of idiopathic thrombopenic purpura] Ojeda Pérez E, et al. *Sangre (Barc)* 18:477-88, 1973 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Clinical trial design in studies of corticosteroids for bacterial infections. Weitzman S, et al. *Ann Intern Med* 81:36-42, Jul 74 (49 ref.)
Diabetes and Addison's disease. Yoo J, et al. *Postgrad Med* 55:62-9, Jun 74
Orofacial malformations. Poswillo DE. *Proc R Soc Med* 67:343-9, May 74
Use of corticosteroids in the treatment of infectious diseases. Krober M. *South Med J* 67:728-32, Jun 74 (79 ref.)
[Current problems of corticosteroid therapy] Böttger G. *Z Aerzt Fortbild (Jena)* 68:166-73, 15 Feb 74 (Ger)
[Effect of some drugs in the development and exacerbation of gastric and duodenal ulcer] Palasz M. *Wiad Lek* 27:1079-82, 15 Jun 74 (17 ref.) (Pol)

ANALYSIS

High-pressure chromatographic analysis of phenothiazine-related compounds. Landgraf WC. *Adv Biochem Psychopharmacol* 9:357-64, 1974
Determination of steroid phosphates in formulations of creams, ointments, and solutions by blue tetrazolium reduction. Van Dame HC. *J Assoc Off Anal Chem* 57:731-4, May 74

ANTAGONISTS & INHIBITORS

Adrenal corticosteroids enhance production of type-C virus induced by 5-iodo-2'-deoxyuridine from cultured mouse fibroblasts. Paran M, et al. *Proc Natl Acad Sci USA* 70:2391-5, Aug 73

BIOSYNTHESIS

The influence of progesterone on adrenocortical function in the rat. Rodier WI 3d, et al. *Proc Soc Exp Biol Med* 146:376-80, Jun 74
[Glucocorticoid function of the adrenal cortex in typhoid] Povorekko IA. *Sov Med* 4:151, 1974 (Rus)

BLOOD

Induction of parturition in swine with prostaglandin F₂alpha. Diehl JR, et al. *J Anim Sci* 38:1229-34, Jun 74
Use of subcutaneous silastic implants for the study of 11 beta, 17 alpha, 21-trihydroxy-4-pregnene-3,20-dione(cortisol) metabolism. Graham LS, et al. *Steroids* 23:311-21, Mar 74
[Indications for special endocrinologic diagnosis in gynecology] Breckwoldt M, et al. *Fortschr Med* 92:727-31, 13 Jun 74 (Ger)
[Neurogenic arteriosclerosis and the mechanisms of its development] Khomulo PS. *Kardiologia* 14:140-7, May 74 (Rus)

DIAGNOSTIC USE

[Carbohydrate tolerance in peptic ulcer of the stomach and duodenum] Dvuzhil'nala ED, et al. *Klin Khir* 4:72-4, Apr 74 (Rus)

METABOLISM

- Acidophilic activation of steroid hormone receptors. Milgrom E, et al. *Biochemistry* 12:5198-205, 4 Dec 73
- Cytoplasmic glucocorticoid-binding proteins in glucocorticoid-unresponsive human and mouse leukemic cell lines. Lippman ME, et al. *Cancer Res* 34:1572-6, Jul 74
- Permeability of the isolated rabbit cornea to corticosteroids. Hull DS, et al. *Invest Ophthalmol* 13:457-9, Jun 74
- [Regulation of enzyme biosynthesis in a culture of *Mycobacterium globiforme*, strain 193, which transforms steroids] Gotovtseva VA, et al. *Mikrobiologiya* 42:434-40, May-Jun 73 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

- Cytoplasmic microfilaments in the anterior lobe of the human pituitary gland. Kovacs K, et al. *Acta Anat (Basel)* 87:414-26, 1974
- The effect of corticosteroids on the response of the isolated artery to noradrenaline. Nicol CJ, et al. *Bibl Anat* 12:410-3, 1973
- Cytoplasmic glucocorticoid-binding proteins in glucocorticoid-unresponsive human and mouse leukemic cell lines. Lippman ME, et al. *Cancer Res* 34:1572-6, Jul 74
- Sex-hormone-binding globulin. Anderson DC. *Clin Endocrinol (Oxf)* 3:69-96, Jan 74 (145 ref.)
- Effects of glucocorticosteroids on the urinary excretion of cyclic AMP and electrolytes by asthmatic children. Coffey RG, et al. *J Allergy Clin Immunol* 54:41-53, Jul 74
- The splenic suppressor cell. I. Activity of thymus-dependent adherent cells: changes with age and stress. Folch H, et al. *J Immunol* 113:127-39, Jul 74
- Proceedings: The structures and glucocorticoid-like activities of s-triazines. 3. Pharmacological activities of metabolites of M1704. Akeyama N, et al. *Jap J Pharmacol* 24:Suppl:141, 1974
- Localisation of a fibroblast growth factor and its effect alone and with hydrocortisone on 3T3 cell growth. Gospodarowicz D. *Nature* 249:123-7, 10 May 74
- Adverse interaction between steroid hormones and anticholinesterase drugs. Patten BM, et al. *Neurology (Minneapolis)* 24:442-9, May 74
- A preview of growth hormone stimulation tests in children. Frasier SD. *Pediatrics* 53:929-37, Jun 74
- Glucocorticoid anorexia in rats. Simpson CW, et al. *Pharmacol Biochem Behav* 2:19-25, Jan-Feb 74
- Influence of antiphlogistic drugs on prostaglandin E1 stimulated cyclic 3',5'-AMP levels and glycosaminoglycan synthesis in fibroblast tissue cultures. Schönhöfer PS, et al. *Pol J Pharmacol Pharm* 26:51-60, Jan-Apr 74
- Adrenal corticosteroids enhance production of type-C virus induced by 5-iodo-2'-deoxyuridine from cultured mouse fibroblasts. Paran M, et al. *Proc Natl Acad Sci USA* 70:2391-5, Aug 73
- Post nidatory action of various compounds representing several pharmacological classes. DiPasquale G, et al. *Res Commun Chem Pathol Pharmacol* 7:701-14, Apr 74
- [The bronchial mucosa after long-term treatment with beclomethasone dipropionate (Becotide)] Andersson E, et al. *Ugeskr Laeger* 136:1192-4, 27 May 74 (Eng. Abstr.) (Dan)
- [The effect of beclomethasone dipropionate aerosol on suprarenal cortical function of normal individuals] Mygind N. *Ugeskr Laeger* 136:1185-7, 27 May 74 (Eng. Abstr.) (Dan)
- [Immunosuppression by antiphlogistic agents] Wirth W, et al. *Verh Dtsch Ges Inn Med* 79:618-21, 1973 (Ger)
- [Current problems in the pathogenesis and therapy of acute inflammation] Olvin IA, et al. *Patol Fiziol Eksp Ter* 17:3-10, Mar-Apr 73 (53 ref.) (Rus)
- [Pathways of glucocorticoid influence on erythropoiesis] Riabov SI, et al. *Probl Gematol Pereliv Krovi* 19:48-51, 1974 (Eng. Abstr.) (Rus)

PHYSIOLOGY

- Requirement for adrenal glucocorticoid in the ethanol-induced increase of tryptophan hydroxylase

- activity in mouse brain. Sze PY, et al. *Brain Res* 72:375-8, 7 Jun 74
- Studies on the function of glucocorticoid in mouse mammary epithelial cell differentiation in vitro. Stimulation of glucose 6-phosphate dehydrogenase. Oka T, et al. *J Biol Chem* 249:3586-91, 10 Jun 74
- Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al. *J Invest Dermatol* 63:75-84, Jul 74 (57 ref.)
- Effect of intermittent electric shock on plasma renin activity in rats. Leenen FH, et al. *Proc Soc Exp Biol Med* 146:534-8, Jun 74
- [Role of glucocorticoids in the regulation of carbohydrate metabolism in patients with ischemic heart disease] Miasnikov LA, et al. *Kardiologiya* 15:9-14, 1974 (Eng. Abstr.) (Rus)

SECRETION

- Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al. *Arch Pathol* 98:1-8, Jul 74

THERAPEUTIC USE

- Clinical staging in Reye syndrome. Lovejoy FH Jr, et al. *Am J Dis Child* 128:36-41, Jul 74
- The idiopathic nephrotic syndrome of childhood. A clinical reevaluation of 148 cases. Makker SP, et al. *Am J Dis Child* 127:830-7, Jun 74
- Bile ptyalism in a patient with sickle cell anemia simulating bronchobiliary fistula. Conservative management. Christensen JA, et al. *Am J Surg* 127:765-7, Jun 74
- Capillary leak syndrome with massive intestinal edema after appendectomy. Fishbein MC, et al. *Am J Surg* 127:740-4, Jun 74
- Clinical trial design in studies of corticosteroids for bacterial infections. Weitzman S, et al. *Ann Intern Med* 81:36-42, Jul 74 (49 ref.)
- Nonsurgical treatment of subdural hematomas. Bender MB, et al. *Arch Neurol* 31:73-9, Aug 74
- The Guillain-Barré syndrome. A clinical and electrodiagnostic study of 25 cases. Elsen A, et al. *Arch Neurol* 30:438-43, Jun 74
- Letter: Gold nephropathy and glucocorticoids. Szabo S. *Arch Pathol* 98:66, Jul 74
- Long-term management of airway secretions and bronchospasm in chronic obstructive lung disease. Morse SR, et al. *Geriatrics* 29:84-6, Jul 74
- Effect of corticosteroids on exercise-induced asthma. König P, et al. *J Allergy Clin Immunol* 54:14-9, Jul 74
- Hunt's syndrome: report of a case. Vogelgesang GW. *J Am Osteopath Assoc* 73:762-4, May 74
- Increased adenosine triphosphatase in leukocytes of asthmatic children. Coffey RG, et al. *J Clin Invest* 54:138-46, Jul 74
- The many faces of sarcoidosis. James DG. *J Ir Med Assoc* 67:329-36, 29 Jun 74
- Diabetes and Addison's disease. Yoo J, et al. *Postgrad Med* 55:62-9, Jun 74
- New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease. McDougall IR, et al. *Scott Med J* 19:165-9, Jul 74 (36 ref.)
- Use of corticosteroids in the treatment of infectious diseases. Krober M. *South Med J* 67:728-32, Jun 74 (79 ref.)
- Differential diagnosis and treatment of anterior uveitis. Lavignette AM. *Vet Clin North Am* 3:503-14, Sep 73
- [Editorial: Beclomethasone] Georg J. *Ugeskr Laeger* 136:1211-2, 27 May 74 (Dan)
- ["Steroid umbrella"] Kehlet H, et al. *Ugeskr Laeger* 136:993-4, 29 Apr 74 (Dan)
- [The local effect of beclomethasone dipropionate aerosol intranasally in hayfever] Mygind N, et al. *Ugeskr Laeger* 136:1182-4, 27 May 74 (Eng. Abstr.) (Dan)
- [Beclomethasone dipropionate inhalation in the treatment of chronic respiratory insufficiency] Rorbaek Madsen PE. *Ugeskr Laeger* 136:1188-91, 27 May 74 (Eng. Abstr.) (Dan)
- [Ulcus rodens corneae in the dog (author's transl)] Verwer MA. *Tijdschr Diergeneeskde* 97:5-14, 1 Jan 72 (Eng. Abstr.) (Dut)
- [Unusual course of an Addisonian crisis: cardinal neuropsychiatric symptoms, repeated asystole, and

ADRENAL

HYDROCORTISONE

successful treatment (author's transl)] Maeder HU, et al.

Dtsch Med Wochenschr 99:942 passim, May 74 (Eng. Abstr.) (Ger)

[Mycologic picture card index. 109. Current questions and recurring problems in medical mycology. 9. Are drug combinations composed of glucocorticosteroids with admixture of an antifungal agent meaningful in local dermatological treatment, or should they be rejected in principle?] Rieth H.

Mykosen 17:19, 1 Jan 74 (Ger)

[Clinical and biochemical investigations on patients with pulmonary emphysema and alpha₁-antitrypsin deficit (author's transl)] Rasche B, et al.

Respiration 31:262-77, 1974 (Eng. Abstr.) (Ger)

[Current problems of corticosteroid therapy] Böttger G. Z Aerzt Fortbild (Jena) 68:166-73, 15 Feb 74 (Ger)

[Septic shock-diagnosis, prevention and therapy] Schwarz VR, et al.

Zentralbl Chir 99:434-40, 5 Apr 74 (Ger)

[Growth retardation caused by endocrine abnormality] Suwa S. Clin Endocrinol (Tokyo) 22:88-91, Jan 74 (Jap)

[Possibility of treatment of sympathetic ophthalmia] Arkhipova LT.

Vestn Oftalmol 2:76-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

[Influence of corticosteroids on insulin and growth hormone secretion] Durán S, et al.

Rev Clin Esp 132:41-6, 15 Jan 74 (Eng. Abstr.) (Spa)

[New aspects of meningococcal meningitis] Ochoa de Retana I.

Rev Clin Esp 132:481-90, 31 Mar 74 (32 ref.) (Spa)

[The place corticosteroids in the treatment of idiopathic thrombocytopenic purpura] Ojeda Pérez E, et al.

Sangre (Barc) 18:477-88, 1973 (Eng. Abstr.) (Spa)

URINE

[Hormone-analytic methods in gynecological endocrinology] Breckwoldt M, et al.

Fortschr Med 92:725-6, 13 Jun 74 (Ger)

[Results of study of corticosteroid excretion in Botkin's disease by the method of intravenous administration of radioactive isotope hydrocortisone-4 C14] Matveev AA.

Ter Arkh 46:103-7, 1974 (Eng. Abstr.) (Rus)

[Glucocorticoid activity of adrenal cortex and uropepsinogen content after surgical intervention in complicated ulcer disease] Mordvinkina TN.

Vestn Khir 112:137-41, May 74 (98 ref.) (Rus)

HYDROCORTISONE

Physical compatibility and chemical stability of cephalin sodium in combination with non-antibiotic drugs in large-volume parenteral solutions. II. Prasad VK, et al. Curr Ther Res 16:540-72, May 74

[Transformation of steroids by cells and a cell-free preparation of Mycobacterium globiforme 193 cultures enclosed in polyacrylamide gel] Skrlabin GK, et al. Dokl Akad Nauk SSSR 215:737-9, 21 Mar 74 (Rus)

[The glucose-6-phosphate dehydrogenase isoenzyme spectrum of subcellular organ fractions from rabbits with endogenous and exogenous hypercorticism] Gula NM, et al.

Ukr Biokhim Zh 46:227-31, Mar-Apr 74 (Eng. Abstr.) (Ukr)

ADMINISTRATION & DOSAGE

Cortisol and cortisone acetate in parenteral glucocorticoid therapy? Kehlet H, et al.

Acta Med Scand 195:421-3, May 74

Influence of hydrocortisone on bile formation in the rat. Dumont M, et al.

Biol Gastroenterol (Paris) 6:197-203, 1973

Age-dependent regulation of mammalian DNA synthesis and cell division in vivo by glucocorticoids.

Roth GS, et al. Exp Gerontol 9:27-31, Feb 74

Regulation of isoproterenol-stimulated DNA synthesis in rat salivary gland in vivo by adrenal glucocorticoids.

Roth GS, et al. Exp Gerontol 9:13-28, Feb 74

Change in the matrix activity and chemical composition of rat-liver chromatin during prolonged induction with hydrocortisone. Argutinskaya SV, et al.

Mol Biol 7:861-6, May 74

Sequelae of early steroid administration to the newborn infant. Fitzhardinge PM, et al.

Pediatrics 53:877-83, Jun 74

Tietze's syndrome at the xiphisternal joint. Jelenko C 3d. South Med J 67:818-20, Jul 74

Use of subcutaneous silastic implants for the study of 11 beta, 17 alpha,

21-trihydroxy-4-pregnene-3,20-dione(cortisol)

metabolism. Graham LS, et al.

Steroids 23:311-21, Mar 74

[Combined treatment of certain nonspecific diseases of the ligament-articular apparatus] Geller AN.

Klin Khir 10:51-4, Oct 73 (Rus)

[Effect of repeated hydrocortisone injections (alone and in combination with sodium ribonucleinate) on the incorporation of amino acids into the proteins of subcellular fractions of albino rat liver] Germaniuk IaL, et al.

Probl Endokrinol (Mosk) 20:71-4, Mar-Apr 74 (Eng. Abstr.) (Rus)

[Results of study of corticosteroid excretion in Botkin's disease by the method of intravenous administration of radioactive isotope hydrocortisone-4 C14] Matveev AA.

Ter Arkh 46:103-7, 1974 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Clinical trial design in studies of corticosteroids for bacterial infections. Weitzman S, et al.

Ann Intern Med 81:36-42, Jul 74 (49 ref.)

Symposium on acid-base homeostasis. The generation and maintenance of metabolic alkalosis. Seidlin DW, et al. Kidney Int 1:306-21, May 72 (66 ref.)

Sequelae of early steroid administration to the newborn infant. Fitzhardinge PM, et al.

Pediatrics 53:877-83, Jun 74

[Comparative animal experiments on epidermal hypoplasia induced by means of topical glucocorticoids] Weirich EG, et al.

Z Hautkr 49:91-106, 1 Feb 74 (Ger)

ANALYSIS

The pharmacodynamics of depression and its relation to therapy. Lewis DO.

Br J Clin Pract 28:21-7, Jan 74 (55 ref.)

Influence of sex and age on the cortisol content of peripheral tissues and adrenal glands in the guinea-pig. Fazekas AT, et al.

N Engl J Med 291:273-6, 11 Jun 74

[Improvement of fluorimetric estimation of delta 4-3-ketosteroids by means of lithium hydroxide reaction for analysis at the nanogram level (author's transl)] Kaplan HG, et al.

Clin Chim Acta 51:113-7, 15 Mar 74 (Eng. Abstr.) (Ger)

[Quality control by physicochemical methods of prepared drug forms containing corticosteroids. I. The spectrophotometric determination of hydrocortisone acetate in an ointment] Bobkova LN, et al.

Farm Zh 28:29-33, Nov-Dec 73 (Eng. Abstr.) (Ukr)

ANTAGONISTS & INHIBITORS

Suppression of plasma cortisol in normal and glaucomatous patients. Rosenberg S, et al.

Arch Ophthalmol 92:6-9, Jul 74

BIOSYNTHESIS

Effects of hypophysectomy with or without ACTH maintenance therapy on the final steps of aldosterone biosynthesis in the rat. Baumann K, et al.

Acta Endocrinol (Kbh) 76:102-16, May 74

Human adrenal tissue in vitro: steroidogenic properties. Pearlmutter AF, et al.

J Clin Endocrinol Metab 39:150-3, Jul 74

[Effect of 6-methylthiouracil and cholesterol on corticosteroid biosynthesis in the adrenal glands of dogs] Tsiomik VA.

Probl Endokrinol (Mosk) 20:84-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

BLOOD

Hypercorticism in rabbits immunized against corticosteroids. Glass KH, et al.

Acta Endocrinol (Kbh) 75:342-9, Feb 74

Cortisol binding capacity in plasma during anaesthesia and surgery. Kehlet H, et al.

Acta Endocrinol (Kbh) 75:119-24, Jan 74

Effects of adrenaline on insulin-induced release of growth hormone and cortisol in man. Müller-Hess R, et al. Acta Endocrinol (Kbh) 75:260-73, Feb 74

- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al. *Acta Endocrinol (Kbh)* 76:556-69, Jul 74
- The effect of thyrotrophin releasing hormone on the release of thyrotrophin and other pituitary hormones in man under basal conditions and following adrenergic blocking agents. Nilsson KO, et al. *Acta Endocrinol (Kbh)* 76:24-34, May 74
- Cortisol and cortisone acetate in parenteral glucocorticoid therapy? Kehlet H, et al. *Acta Med Scand* 195:421-3, May 74
- Insulin deficiency associated with hypoglycemia and good glucose tolerance in hypopituitarism. Report of a case with acromegaly developing pituitary apoplexy. Nikkilä EA, et al. *Acta Med Scand* 195:435-9, May 74
- Dibutyl cyclic 3':5'-adenosine monophosphate in hypopituitarism and Silver-Russell syndrome. Vanderschueren-Lodeweyckx, et al. *Acta Paediatr Scand* 63:364-8, May 74
- Free fatty acids and the ischaemic myocardium. Oliver MF. *Adv Cardiol* 12:84-93, 1974 (30 ref.)
- Adrenocortical responses of the Apollo 17 crew members. Leach CS, et al. *Aerosp Med* 45:529-34, May 74
- An evaluation of factors associated with the depression of immunity in malnutrition and in measles. Coovadia HM, et al. *Am J Clin Nutr* 27:665-9, Jun 74
- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al. *Am J Obstet Gynecol* 119:283-96, 1 Jun 74
- Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Dluhy RG, et al. *Ann Intern Med* 80:693-6, Jun 74
- Letter: Anticoagulant therapy and acute adrenal insufficiency. Portnay GI, et al. *Ann Intern Med* 81:115, Jul 74
- Suppression of plasma cortisol in normal and glaucomatous patients. Rosenberg S, et al. *Arch Ophthalmol* 92:6-9, Jul 74
- Binding of receptor-hydrocortisone complexes to isolated nuclei from embryonic neural retina cells. Sarkar PK, et al. *Biochem Biophys Res Commun* 57:980-6, 23 Apr 74
- Effect of pregnancy serum on experimental inflammation. Persellin RH, et al. *Br J Exp Pathol* 55:26-32, Feb 74
- The effects of phenothiazines on endocrine function: II. Effects in men and post-menopausal women. Beumont PJ, et al. *Br J Psychiatry* 124:420-30, May 74
- Hypercortisolemia and lack of skeletal response to oestrogen in postmenopausal women. Aitken JM, et al. *Clin Endocrinol (Oxf)* 3:187-74, Apr 74
- Sex-hormone-binding globulin. Anderson DC. *Clin Endocrinol (Oxf)* 3:69-96, Jan 74
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Thyrotrophin responses to intravenous thyrotrophin-releasing hormone in patients with hypothalamic and pituitary disease. McLaren EH, et al. *Clin Endocrinol (Oxf)* 3:113-22, Apr 74
- Successful treatment of galactorrhoea and amenorrhoea and subsequent restoration of ovarian function by a new ergot alkaloid 2-brom-alpha-ergocryptine. Rolland R, et al. *Clin Endocrinol (Oxf)* 3:155-66, Apr 74
- Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al. *Clin Endocrinol (Oxf)* 3:175-86, Apr 74
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Vetter H, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Clinical studies of alcoholic ketoacidosis. Cooperman MT, et al. *Diabetes* 23:433-9, May 74
- Altered glucoregulatory hormones during acute pneumococcal sepsis in the rhesus monkey. George DT, et al. *Diabetes* 23:544-9, Jun 74
- Cortisol and growth hormone responses to insulin-induced hypoglycaemia in Ugandans. Kajubi SK. *East Afr Med J* 51:11-4, Jan 74
- A study of the diurnal variation of plasma cortisol in normal subjects and hospitalised patients in Zambia. Lewis KO, et al. *East Afr Med J* 51:15-9, Jan 74
- Plasma MSH and cortisol levels in 567 patients with special reference to brain trauma. Kastin AJ, et al. *Endocrinol Exp (Bratisl)* 8:97-105, Jun 74
- Cortisol and cortisol binding characteristics in girls with "cushingoid" syndrome. Krawczuk A, et al. *Endokrinologie* 62:350-5, 1973
- GH and ACTH secretion in insulin-induced hypoglycemia in normal children. Cacciari E, et al. *Folia Endocrinol (Roma)* 27:247-58, Jun 74
- Renal handling of cortisol in dogs. II. Effect of ACTH on stop flow pattern. Boonayathap U, et al. *Horm Metab Res* 6:154-7, Mar 74
- The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al. *Horm Res* 5:173-81, 1974
- Porcine corticosteroid-binding globulin: binding properties and levels in stress-susceptible swine. Marple DN, et al. *J Anim Sci* 38:1224-8, Jun 74
- Dissociation of growth hormone and cortisol release following apomorphine. Brown WA, et al. *J Clin Endocrinol Metab* 38:1127-30, Jun 74
- Regulation of aldosterone in the syndrome of inappropriate antidiuretic hormone secretion (SIADH). Fichman MP, et al. *J Clin Endocrinol Metab* 39:136-44, Jul 74
- Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74
- The nature of the circadian periodicity and suppressibility of immunoreactive ACTH levels in Addison's disease. Krieger DT, et al. *J Clin Endocrinol Metab* 39:46-52, Jul 74
- Recovery of hypothalamic-pituitary-adrenal function, growth hormone responsiveness and sleep EEG pattern in a patient following removal of an adrenal cortical adenoma. Krieger DT, et al. *J Clin Endocrinol Metab* 38:1075-82, Jun 74
- Serum growth hormone and prolactin response to thyrotrophin-releasing hormone in patients with acromegaly before and after surgery. Saman NA, et al. *J Clin Endocrinol Metab* 38:957-63, Jun 74
- Effects of a prolonged 3-hour sleep-wake cycle on sleep stages, plasma cortisol, growth hormone and body temperature in man. Weitzman ED, et al. *J Clin Endocrinol Metab* 38:1018-30, Jun 74
- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. *J Clin Invest* 53:1588-98, Jun 74
- Reciprocal influence of salt intake on adrenal glomerulosa and renal vascular responses to angiotensin II in normal man. Hollenberg NK, et al. *J Clin Invest* 54:34-42, Jul 74
- Changes in plasma cortisol levels after a water load. Davis JC, et al. *J Endocrinol* 61:167-8, Apr 74
- A comparative study of progesterone- and cortisol-binding activity in the uterus and serum of pregnant and non-pregnant women. Guériguan JL, et al. *J Endocrinol* 61:331-45, Jun 74
- Annual cycles of plasma cortisol, testosterone and oestradiol-17 beta in the plaice, *Pleuronectes platessa* L. Wingfield JC, et al. *J Endocrinol* 61:28, Apr 74
- The urinary catecholamine and plasma cortisol levels in patients with subarachnoid haemorrhage. Neil-Dwyer G, et al. *J Neurol Sci* 22:375-82, Jul 74
- Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
- Endocrine manifestations of diphenylhydantoin therapy. Gharib H, et al. *Metabolism* 23:515-24, Jun 74
- Influence of sex and age on the cortisol content of peripheral tissues and adrenal glands in the guinea-pig. Fazekas AT, et al. *N Engl J Med* 291:273-6, 11 Jun 74
- Letter: Adrenal regulation of protein synthesis in protein malnutrition. Enwonwu CO. *Nutr Rev* 32:159-60, May 74
- Plasma free fatty acids, serum cortisol and circulatory response to insulin in acute schizophrenic men. Franzén G. *Psychiatr Clin (Basel)* 5:201-8, 1972
- The three investigators study. Serum uric acid, cholesterol, and cortisol variability during stresses of everyday life. Rahe RH, et al. *Psychosom Med* 36:258-68, May-Jun 74
- Plasma cortisol in the foal during the late fetal and early neonatal period. Rosedale P, et al. *Res Vet Sci* 15:395-7, Nov 73
- Use of subcutaneous silastic implants for the study of 11 beta, 17 alpha, 21-trihydroxy-4-pregnene-3,20-dione (cortisol) metabolism. Graham LS, et al. *Steroids* 23:311-21, Mar 74
- Radioimmunoassay of human plasma corticosterone:

ADRENAL

HYDROCORTISONE

- method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74
- Cortisol responses to normotensive and hypotensive oligemia in unanesthetized primates. Hiebert JM, et al. *Surg Forum* 23:69-72, 1972
- Transvenous adrenal destruction: clinical trials in patients with metastatic malignancy. Zimmerman CE, et al. *Surgery* 75:550-6, Apr 74
- [Parenteral glucocorticoid substitution therapy--cortisol or cortisone preparation?] Kehlet H, et al. *Ugeskr Laeger* 136:965-6, 29 Apr 74 (Eng. Abstr.) (Dan)
- [Growth hormone, gonadotropins and cortisol in the plasma of males under combined application of the insulin-hypoglycaemia-LH-RH test (author's transl)] Wiegelmann W, et al. *Klin Wochenschr* 52:194-6, 15 Feb 74 (Eng. Abstr.) (Ger)
- [Circadian system. Basis of diurnal periodicity and its significance for applied physiology and clinical medicine] Aschoff J. *Verh Dtsch Ges Inn Med* 79:19-31, 1973 (Ger)
- [Influence of hemodialysis on hormone status of terminal kidney failure patients] Bindeballe W, et al. *Verh Dtsch Ges Inn Med* 79:1249-52, 1973 (Ger)
- [Combined corticosteroid and synthetic depot ACTH therapy in chronic obstructive ventilation disorders] Cegla UH, et al. *Verh Dtsch Ges Inn Med* 79:891-4, 1973 (Ger)
- [Influence of ACTH and cortisol on gonadal function] Demisch K, et al. *Verh Dtsch Ges Inn Med* 79:1252-5, 1973 (Ger)
- [Daily rhythm of plasma cortisol following intraarticular injection of overlap or total content of decortin-H crystalline suspensions] Hartmann F, et al. *Verh Dtsch Ges Inn Med* 79:1419-22, 1973 (Ger)
- [Pituitary gland-adrenal cortex regulation in patients with chronic kidney failure during longtime hemodialysis] Hrubesch M, et al. *Verh Dtsch Ges Inn Med* 79:731-4, 1973 (Ger)
- [ACTH and plasma cortisol level under function dynamic conditions in normal weight persons and patients with exogenous obesity] Wagner H, et al. *Verh Dtsch Ges Inn Med* 79:1245-9, 1973 (Ger)
- [Experiences with alternating corticoid therapy of chronic polyarthritis] Wittenborg A, et al. *Verh Dtsch Ges Inn Med* 79:1417-9, 1973 (Ger)
- [Study of the pituitary corticotropin reserve with metyrapone in subjects treated with a steroid association and with the single components] Balestreri R, et al. *Folia Endocrinol (Roma)* 27:168-78, Apr 74 (Eng. Abstr.) (Ita)
- [Activity of the diencephalo-hypophysial-adrenal axis in the Langdon-Down syndrome] Saba P, et al. *Folia Endocrinol (Roma)* 27:224-32, Apr 74 (Eng. Abstr.) (Ita)
- [Determination of steroid hormones by protein binding. Determination of cortisol and testosterone] Fonzo D, et al. *Minerva Med* 65:1749-64, 28 Apr 74 (Eng. Abstr.) (Ita)
- [Effect of hydrocortisone on the multilineal activity of the reticular formation of the mesencephalon] Filaretov AA, et al. *Fiziol Zh SSSR* 59:1678-82, Nov 73 (Eng. Abstr.) (Rus)

DIAGNOSTIC USE

- [Results of study of corticosteroid excretion in Botkin's disease by the method of intravenous administration of radioactive isotope hydrocortisone-4 C14] Matveev AA. *Ter Arkh* 46:103-7, 1974 (Eng. Abstr.) (Rus)

METABOLISM

- Cortisol binding capacity in plasma during anaesthesia and surgery. Kehlet H, et al. *Acta Endocrinol (Kbh)* 75:119-24, Jan 74
- The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. Schwartz U, et al. *Acta Endocrinol (Kbh)* 76:159-71, May 74
- Adrenocortical responses of the Apollo 17 crew members. Leach CS, et al. *Aerosp Med* 45:529-34, May 74
- Binding of receptor-hydrocortisone complexes to isolated nuclei from embryonic neural retina cells.

- Sarkar PK, et al. *Biochem Biophys Res Commun* 57:980-6, 23 Apr 74
- Characterization of the interaction between 17 beta-estradiol and its cytoplasmic receptor in the rat anterior pituitary gland. Korach KS, et al. *Biochemistry* 13:1932-8, 23 Apr 74
- Hypercortisolaemia and lack of skeletal response to oestrogen in postmenopausal women. Aitken JM, et al. *Clin Endocrinol (Oxf)* 3:167-74, Apr 74
- The conversion of cortisol to 11beta-hydroxyandrostenedione by beef adrenal tissue. Hudson RW, et al. *Endocrinology* 95:38-47, Jul 74
- Postnatal development of rat pancreatic esterase. Machovich R. *Enzyme* 17:265-8, 1974
- Studies on a specific glucocorticoid-hormone receptor in the developing chick retina. Wiggert BO, et al. *Exp Eye Res* 18:477-84, May 74
- Regulation of isoproterenol-stimulated DNA synthesis in rat salivary gland in vivo by adrenal glucocorticoids. Roth GS, et al. *Exp Gerontol* 9:13-26, Feb 74
- Renal handling of cortisol in dogs. II. Effect of ACTH on stop flow pattern. Boonayathap U, et al. *Horm Metab Res* 6:154-7, Mar 74
- Possible age-dependent influence of estrogens on the binding of testosterone in plasma of adult men. Kley HK, et al. *Horm Metab Res* 6:213-6, May 74
- Immunochemical quantitation of human transcortin. Van Baelen H, et al. *J Clin Endocrinol Metab* 39:160-3, Jul 74
- A comparative study of progesterone- and cortisol-binding activity in the uterus and serum of pregnant and non-pregnant women. Guérigulan JL, et al. *J Endocrinol* 61:331-45, Jun 74
- Effects of dimethyl sulfoxide and trimethylphosphine oxide on percutaneous absorption of corticosteroids in the rat. Cramer MB, et al. *J Pharm Sci* 63:793-4, May 74
- Absorption of corticosteroids from the rat lung. Burton JA, et al. *Steroids* 23:617-24, May 74
- Uptake and metabolism of cortisone and cortisol by the fetal rabbit lung. Giannopoulos G. *Steroids* 23:845-53, Jun 74
- Use of subcutaneous silastic implants for the study of 11 beta, 17 alpha, 21-trihydroxy-4-pregnene-3,20-dione (cortisol) metabolism. Graham LS, et al. *Steroids* 23:311-21, Mar 74
- The determination in human males of specific testosterone and 5alpha-dihydrotestosterone binding to sex hormone binding globulin by a differential dissociation technique. Horst HJ, et al. *Steroids* 23:833-44, Jun 74
- [Obesity as a disease: a wrong concept] Saltiel H. *Sem Hop Paris* 49:3377-81, 8 Dec 73 (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

- Role of lysosomal damage in the development of pulmonary oxygen poisoning. Takala I, et al. *Acta Chir Scand* 140:167-70, 1974
- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Niechlag E, et al. *Acta Endocrinol (Kbh)* 76:556-69, Jul 74
- Impairment of induction of glycolytic enzymes and development of insulin resistance in rats as a result of continuous insulin treatment. Salganik RI, et al. *Acta Endocrinol (Kbh)* 76:319-31, Jun 74
- Regulation of xanthine dehydrogenase and purine nucleoside phosphorylase levels in chick liver. Fisher JR, et al. *Adv Exp Med Biol* 41:65-74, 1973
- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al. *Am J Obstet Gynecol* 119:283-96, 1 Jun 74
- Regulation of hepatic beta-hydroxy-beta-methylglutaryl coenzyme A reductase by the interplay of hormones. Dugan RE, et al. *Arch Biochem Biophys* 161:499-504, 2 Apr 74
- Regulation of the diurnal rhythm of rat liver beta-hydroxy-beta-methylglutaryl coenzyme A reductase activity by insulin, glucagon, cyclic AMP and hydrocortisone. Nepokroeff CM, et al. *Arch Biochem Biophys* 160:387-96, Feb 74
- The effect of cortisol on biosynthesis and phosphorylation of histones in rat liver. Trajković D, et al. *Arch Int Physiol Biochim* 81:859-69, Dec 73
- Inhibition of messenger RNA accumulation but not

- translation in ultraviolet irradiated hepatoma cells. Bushnell DE, et al.
- Biochem Biophys Res Commun 57:949-56, 8 Apr 74
- Binding of receptor-hydrocortisone complexes to isolated nuclei from embryonic neural retina cells. Sarkar PK, et al.
- Biochem Biophys Res Commun 57:980-6, 23 Apr 74
- Influence of hydrocortisone on bile formation in the rat. Dumont M, et al.
- Biol Gastroenterol (Paris) 6:197-203, 1973
- Effect of pregnancy serum on experimental inflammation. Persellin RH, et al.
- Br J Exp Pathol 55:26-32, Feb 74
- Action of progesterone and related steroids on oocyte maturation in *Xenopus laevis*. An in vitro study. Schorderet-Slatkine S. Cell Differ 1:179-89, Aug 72
- Studies on the mechanism of cytochemical bioassays. Chayen J, et al. Clin Endocrinol (Oxf) 3:349-60, Jul 74
- Application of the cytochemical bioassay for corticotrophin to clinical and physiological studies in man. Daly JR, et al.
- Clin Endocrinol (Oxf) 3:335-45, Jul 74
- Development of glycogen storage ability under cortisol control in primary cultures of rat fetal hepatocytes. Plas C, et al. Dev Biol 32:82-91, May 73
- Metabolic fate of androgens in the pineal organ: uptake binding to cytoplasmic proteins and conversion of testosterone into 5 α -reduced metabolites. Cardinali DP, et al. Endocrinology 95:179-87, Jul 74
- Adaptation of hepatic phenylalanine hydroxylase in the rat. Koller C, et al. Enzyme 17:155-9, 1974
- Effects of benzoquinolizine homologues on proliferative and exudative inflammation. De Cato L Jr, et al. Eur J Pharmacol 26:22-9, Apr 74
- Age-dependent regulation of mammalian DNA synthesis and cell division in vivo by glucocorticoids. Roth GS, et al. Exp Gerontol 9:27-31, Feb 74
- Regulation of isoproterenol-stimulated DNA synthesis in rat salivary gland in vivo by adrenal glucocorticoids. Roth GS, et al. Exp Gerontol 9:13-26, Feb 74
- The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al.
- Horm Res 5:173-81, 1974
- Effect of hydrocortisone on the enzymes involved in the metabolism of L-ascorbic acid in alloxan diabetic rats. Majumder PK, et al.
- Indian J Exp Biol 11:575-6, Nov 73
- Biochemical correlation of oncogenesis with ontogenesis. Wu C. Int J Cancer 11:438-47, 15 Mar 73
- Stimulation by heterologous perfusion of the arginase activity of chicken liver. Traniello S, et al.
- Ital J Biochem 23:29-37, Jan 74
- Studies on the function of glucocorticoid in mouse mammary epithelial cell differentiation in vitro. Stimulation of glucose 6-phosphate dehydrogenase. Oka T, et al. J Biol Chem 249:3586-91, 10 Jun 74
- The effect of theophylline on tryptophan pyrrolase in the hypophysectomized rat and some observations on the validity of tryptophan pyrrolase assays. Young SN, et al. J Biol Chem 249:3932-6, 25 Jun 74
- The nature of the circadian periodicity and suppressibility of immunoreactive ACTH levels in Addison's disease. Krieger DT, et al.
- J Clin Endocrinol Metab 39:46-52, Jul 74
- Increased adenosine triphosphatase in leukocytes of asthmatic children. Coffey RG, et al.
- J Clin Invest 54:138-46, Jul 74
- Evidence for different gestation-dependent effects of cortisol on cultured fetal lung cells. Smith BT, et al.
- J Clin Invest 53:1518-26, Jun 74
- Identification of a novel cell type in peripheral lymphoid organs of mice. 3. Functional properties in vivo. Steinman RM, et al.
- J Exp Med 139:1431-45, 1 Jun 74
- Tissue distribution of I region-associated antigens in the mouse. Hauptfeld V, et al.
- J Immunol 113:181-8, Jul 74
- Cortisone-resistant thymocytes as target cells in lymphocyte-mediated cytotoxicity. Ritter J, et al.
- J Immunol Methods 5:209-12, Jul 74
- Cerebral tryptophan-2,3-dioxygenase (pyrrolase) and its induction in rat brain. Gál EM.
- J Neurochem 22:861-3, May 74
- Proceedings: Effects of hydrocortisone on the submaxillary glands of mice, with special reference to age differences. Sato S, et al.
- Jap J Pharmacol 24:Suppl:130, 1974
- Influence of aldosterone on sodium, water and potassium metabolism in chronic renal disease. Schrier RW, et al. Kidney Int 1:156-68, Mar 72
- Change in the matrix activity and chemical composition of rat-liver chromatin during prolonged induction with hydrocortisone. Argutinskaya SV, et al.
- Mol Biol 7:661-6, May 74
- Localisation of a fibroblast growth factor and its effect alone and with hydrocortisone on 3T3 cell growth. Gospodarowicz D. Nature 249:123-7, 10 May 74
- Adverse interaction between steroid hormones and anticholinesterase drugs. Patten BM, et al.
- Neurology (Minneapolis) 24:442-9, May 74
- Enzyme activities in vitamin B6-deficient, normal and tumor-bearing animals: effect of hydrocortisone. Tryfiates GP, et al.
- Proc Soc Exp Biol Med 145:1363-7, Apr 74
- Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL. Prog Brain Res 39:361-72, 1973 (33 ref.)
- The effect of hormones and vitamin B6 on urinary excretion of metabolites of the kynurenine pathway. Wolf H. Scand J Clin Lab Invest 136:1-186, 1974
- Effect of corticosterone and cortisol on corticosteroidogenesis in isolated rat adrenal cells. Abe K, et al. Tohoku J Exp Med 112:195-6, Feb 74
- [Influence of different hormones on the evolution of embryonic chicken liver in organotypic culture] Anzanel D, et al.
- C R Acad Sci [D] (Paris) 277:1809-11, 29 Oct 73 (Fre)
- [Effect of thymus cells, resistant to the action of hydrocortisone, on the proliferation of hematopoietic stem cells] Kozlov VA, et al.
- Dokl Akad Nauk SSSR 216:438-40, 11 Mar 74 (Rus)
- [Changes in the biosynthesis of nuclear RNA in the liver under the influence of hydrocortisone] Sergeev PV, et al.
- Farmakol Toksikol 26:452-4, Jul-Aug 73 (Eng. Abstr.) (Rus)
- [Effect of hydrocortisone on the multineuronal activity of the reticular formation of the mesencephalon] Filaretov AA, et al.
- Fiziol Zh SSSR 59:1678-82, Nov 73 (Eng. Abstr.) (Rus)
- [Changes in the electrical activity of cat spinal cord neurons under the influence of hydrocortisone] Kiprian TK. Neirofiziologiya 6:260-5, May 74 (Rus)
- [Effect of hydrocortisone and certain adaptogens on the hematogenous dissemination of Ehrlich's tumor cells] Moskalik KG.
- Patol Fiziol Eksp Ter 14:73-4, Sep-Oct 74 (Eng. Abstr.) (Rus)
- [Effect of repeated hydrocortisone injections (alone and in combination with sodium ribonucleinate) on the incorporation of amino acids into the proteins of subcellular fractions of albino rat liver] Germaniuk IaL, et al.
- Probl Endokrinol (Mosk) 20:71-4, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Effect of bacterial tyrosine decarboxylase and tyramine on tyrosine and alanine aminotransferase activity of the liver in white mice] Galaev IaV, et al.
- Vopr Med Khim 20:238-43, May 74 (Eng. Abstr.) (Rus)
- [Changes in the activity of acid and alkaline RNAses during the early embryogenesis of the groundling (*Misgurnus fossilis*)] Kusen' SI, et al.
- Ukr Biokhim Zh 46:168-72, Mar-Apr 74 (Eng. Abstr.) (Ukr)
- [Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al.
- Ukr Biokhim Zh 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)
- [Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al.
- Ukr Biokhim Zh 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)
- [Activity of certain enzymes of carbohydrate-phosphorus metabolism in the brain of adrenalectomized guinea pigs] Mestechkina Aia, et al.
- Ukr Biokhim Zh 45:323-6, May-Jun 73 (Eng. Abstr.) (Ukr)
- [The concentration of soluble proteins and the degree of ionization of their side groups in several regions of the brains of rabbits following administration of hydrocortisone and ACTH] Mestechkina Aia, et al.
- Ukr Biokhim Zh 46:145-51, Mar-Apr 74 (Ukr)
- [Glucocorticoid metabolism and their transport-reserve forms under conditions of isolated

liver perfusion] Treshchyn's'kil' AI, et al.
Ukr Biokhim Zh 46:188-91, Mar-Apr 74 (Eng. Abstr.)
(Ukr)

[Importance of the adrenal glands in regulating iron metabolism in the animal organism] Voroshilovskaya SP.

Ukr Biokhim Zh 45:342-6, May-Jun 73 (Eng. Abstr.)
(Ukr)

PHYSIOLOGY

On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al.
Am J Obstet Gynecol 119:283-96, 1 Jun 74

Arginase activity patterns and their regulation during embryonic development in liver and kidney. Bradley MO. Dev Biol 33:1-17, Jul 73

Development of glycogen storage ability under cortisol control in primary cultures of rat fetal hepatocytes. Plas C, et al. Dev Biol 32:82-91, May 73

[Influence of ACTH and cortisol on gonadal function] Demisch K, et al.

Verh Dtsch Ges Inn Med 79:1252-5, 1973 (Ger)

[Hormonal regulation of protein synthesis of the acute phase] Koj A. Folia Med Cracov 16:131, 1974 (Pol)

SECRETION

Diabetes mellitus and optic atrophy with associated findings of diabetes insipidus and neurosensory hearing loss in two siblings. Marquardt JL, et al. Arch Intern Med 134:32-7, Jul 74

The newborn of diabetic mothers. Observations on 154 cases, 1958-1972. François R, et al. Biol Neonate 24:1-31, 1974

Letter: Circadian rhythm of cortisol secretion in elderly and blind subjects. D'Alessandro B, et al. Br Med J 2:274, 4 May 74

Secretion of 16alpha-hydroxyprogesterone and other steroids by the adult human adrenal. Ramseyer J, et al. J Clin Endocrinol Metab 39:102-7, Jul 74

Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. J Clin Invest 53:1588-98, Jun 74

Variations in the excretion patterns of some metabolites of cortisol as affecting measurement of its secretion rate. Beale RN, et al. Steroids 23:455-67, Mar 74

Radioimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. Steroids 23:363-78, Mar 74

The role of the renin-angiotensin system in the aldosterone response to acute hemorrhage. Modafferi TR, et al. Surg Forum 23:22-3, 1972

[Relationship between the secretion of ACTH, GH and cortisol during insulin hypoglycemia test in the normal and obese child] Cacciari E, et al. Minerva Pediatr 26:401-8, 10 Mar 74 (Eng. Abstr.) (Ita)

[Functional exploration of the hypothalamic-pituitary-adrenal cortex system in the chronic form of Chagas' disease] Kimachi T, et al. Rev Assoc Med Bras 20:57-66, Feb 74 (Eng. Abstr.) (Por)

[Change in the secretory activity of the adrenal cortex in silver foxes in the process of domestication] Bazhan NM, et al.

Dokl Akad Nauk SSSR 216:922-4, 1974 (Rus)

[Functional activity of the hypothalamus-pituitary gland-adrenal cortex system in dogs after prolonged administration of dexamethasone] Razina LG, et al. Probl Endokrinol (Mosk) 20:101-5, Mar-Apr 74 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Glove starch peritonitis. Vandamme JP.

Acta Chir Belg 73:333-40, May 74

Cortisol and cortisone acetate in parenteral glucocorticoid therapy? Kehlet H, et al. Acta Med Scand 195:421-3, May 74

Fulminant viral hepatitis and hepatic failure. Vittal SB. Am Fam Physician 9:110-4, May 74

Hepatocellular dysfunction without jaundice after enflurane anesthesia. Denlinger JK, et al. Anesthesiology 41:86-7, Jul 74

The urinary metabolite of the catecholamines in asthma; its relation to the administration of

corticosuprarenal hormones. Vaccarezza JR, et al. Ann Allergy 33:11-5, Jul 74

Clinical trial design in studies of corticosteroids for bacterial infections. Weltzman S, et al. Ann Intern Med 81:36-42, Jul 74 (49 ref.)

Adrenal causes of hypertension. Kaplan NN. Arch Intern Med 133:1001-6, Jun 74 (49 ref.)

Elapid snake bite. A report of two cases. Casale FF, et al. Br J Anaesth 46:162, Feb 74

Quinuclidine chemistry. 2. Synthesis and antiinflammatory properties of 2-substituted benzhydryl-3-quinuclidinols. Warawa EJ, et al. J Med Chem 17:497-501, May 74

Chemotherapy of Herpesvirus saimiri induced lymphoma-leukemia in the owl monkey. Adamson RH, et al. J Med Primatol 3:68-72, 1974

Anti-inflammatory polysaccharide produced by Serratia piscatorum. Saeki K, et al. Jap J Pharmacol 24:109-18, Feb 74

Adverse interaction between steroid hormones and anticholinesterase drugs. Patten BM, et al. Neurology (Minneapolis) 24:442-9, May 74

Sequelae of early steroid administration to the newborn infant. Fitzhardinge PM, et al. Pediatrics 53:877-83, Jun 74

A prospective controlled study of neonatal hypoglycemia. Pildes RS, et al. Pediatrics 54:5-14, Jul 74

Optic atrophy following treatment with diiodohydroxyquin. Pittman FE, et al. Pediatrics 54:81-3, Jul 74

Tietze's syndrome at the xiphisternal joint. Jelenko C Sd. South Med J 67:818-20, Jul 74

[Parenteral glucocorticoid substitution therapy--cortisol or cortisone preparation?] Kehlet H, et al.

Ugeskr Laeger 136:965-6, 29 Apr 74 (Eng. Abstr.) (Dan)

[Effect of clonazepam in the long-term oral treatment of severe epilepsy in children] Dumermuth G, et al. Schweiz Med Wochenschr 104:608-17, 27 Apr 74 (Eng. Abstr.) (Ger)

[Morton's neuroma] Teleszyński M, et al. Chir Narzadow Ruchu Ortop Pol 39:199-203, 1974 (Eng. Abstr.) (Pol)

[Effects of corticosteroids on experimental epileptogenic foci] Domžal T, et al. Neurol Neurochir Pol 8:397-401, May-Jun 74 (Eng. Abstr.) (Pol)

[Necrosis of the synovial membrane of the knee joint as a cause of intense pain. Case report] Brzozowska-Jurkowska A, et al.

Reumatologia 12:153-7, 1974 (Eng. Abstr.) (Pol)

[Iatrogenic hypercalcemia] Mihalca E, et al. Pediatria (Bucur) 22:445-52, Sep-Oct 73 (Eng. Abstr.) (Rum)

[Combined treatment of certain nonspecific diseases of the ligament-articular apparatus] Geller AN. Klin Khir 10:51-4, Oct 73 (Rus)

[Epicondylitis of the humerus in miners] Tischenko VG. Ortop Travmatol Protez 34:24-7, 1974 (Eng. Abstr.) (Rus)

[Possibility of treatment of sympathetic ophthalmia] Arkhipova LT. Vestn Oftalmol 2:76-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

[Our experience in the treatment of severe pulmonary embolism] Laudanno O, et al. Angiologia 26:170-3, Jul 74 (Eng. Abstr.) (Spa)

URINE

Adrenocortical responses of the Apollo 17 crew members. Leach CS, et al. Aerosp Med 45:529-34, May 74

Cortisol and cortisol binding characteristics in girls with "cushingoid" syndrome. Krawczuk A, et al. Endokrinologie 62:350-8, 1973

Renal handling of cortisol in dogs. II. Effect of ACTH on stop flow pattern. Boonayathap U, et al. Horm Metab Res 6:154-7, Mar 74

Variations in the excretion patterns of some metabolites of cortisol as affecting measurement of its secretion rate. Beale RN, et al. Steroids 23:455-67, Mar 74

Use of subcutaneous silastic implants for the study of 11 beta, 17 alpha, 21-trihydroxy-4-pregnene-3,20-dione(cortisol) metabolism. Graham LS, et al. Steroids 23:311-21, Mar 74

HYDROCORTISONE

- [Steroid hormones in arteriosclerosis with different types of hyperlipoproteinemia] Gerasimova EN, et al. *Kardiologiya* 15:14-9, 1974 (Eng. Abstr.) (Rus)
[Neurohumoral aspects of myocardial infarct and its complications] Malaia IT, et al. *Kardiologiya* 14:39-47, Apr 74 (Eng. Abstr.) (Rus)

HYDROCORTISONE, TOPICAL

ADMINISTRATION & DOSAGE

- Gels and other topical corticosteroids.
Med Lett Drugs Ther 18:50-2, 7 Jun 74

ADVERSE EFFECTS

- [Complications of local use of hydrocortisone]
Riumshin GI.
Ortop Travmatol Protez 34:62-4, 1974 (Rus)

PHARMACODYNAMICS

- Topically active corticosteroids. A quantitative evaluation of McKenzie's skin-blanching test. Engel DJ, et al. *Arch Dermatol* 109:863-5, Jun 74
[Effect of the degree of dispersion and of the type of ointment base on the skin absorption of hydrocortisone and prednisolone ointments] Skripkin IuK, et al.
Vestn Dermatol Venerol 48:19-21, May 74 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

- Treatment of otitis externa: a controlled bacteriological-clinical evaluation. Dadagian AJ, et al. *Curr Ther Res* 16:431-6, May 74
The rapidity of the effect of different types of topical corticosteroids: a double-blind comparison between Diproderm ointment 0.05 percent and Calmuril-Hydrocortisone 1 percent. Gip L, et al. *Curr Ther Res* 16:300-5, Apr 74
Gels and other topical corticosteroids.
Med Lett Drugs Ther 18:50-2, 7 Jun 74

17-HYDROXYCORTICOSTEROIDS

- Evidence of the direct aromatization of testosterone and different aromatization sites for testosterone and androstenedione in human placental microsomes. Bellino FL, et al. *Biochemistry* 13:1925-31, 23 Apr 74
[Effect of 6-methylthiouracil and cholesterol on corticosteroid biosynthesis in the adrenal glands of dogs] Tsomik VA.
Probl Endokrinol (Mosk) 20:84-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

- [General adaptation of piglets to the replacement of prestarters with various content of nitrogenous substances during weaning] Dvofák M, et al.
Vet Med (Praha) 19:197-204, Apr 74 (Eng. Abstr.) (Cze)

BLOOD

- Hyperresponsiveness to lysine-vasopressin in Cushing's disease. Coslovsky R, et al. *Acta Endocrinol (Kbh)* 75:125-32, Jan 74
Adrenal contribution to plasma oestrogens in adrenal disorders. Yuen BH, et al. *Acta Endocrinol (Kbh)* 76:117-26, May 74
Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia. Reschini E, et al. *Clin Endocrinol (Oxf)* 3:209-13, Apr 74
Hyperthecosis syndrome. Farber M, et al. *Obstet Gynecol* 44:35-41, Jul 74
[Indications for special endocrinologic diagnosis in gynecology] Breckwoldt M, et al. *Fortschr Med* 92:727-31, 13 Jun 74 (Ger)
[Determination of adrenocorticotrophic hormone and 17-hydroxycorticosteroids in cancer of the corpus uteri as well as in its recurrences and metastases] Glebov BF, et al.
Pediatr Akush Ginekol 3:57-60, 1973 (Ukr)

METABOLISM

- Adrenocortical responses of the Apollo 17 crew

ADRENAL

- members. Leach CS, et al.
Aerosp Med 45:529-34, May 74
Cystic dilatation of sex accessory organs in common and inbred Syrian Hamsters. Bells JA, et al. *J Gerontol* 29:382-92, Jul 74
[Sleep deprivation (review of the literature)] Vlasov NA.
Zh Nevropatol Psikhiatr 73:1233-41, 1973 (162 ref.) (Rus)
[Glucocorticoid metabolism and their transport-reserve forms under conditions of isolated liver perfusion] Treshchynskii AI, et al.
Ukr Biokhim Zh 46:188-91, Mar-Apr 74 (Eng. Abstr.) (Ukr)

PHARMACODYNAMICS

- Evidence for different gestation-dependent effects of cortisol on cultured fetal lung cells. Smith BT, et al. *J Clin Invest* 53:1518-26, Jun 74

URINE

- Pituitary adenoma associated with inappropriate antidiuretic hormone secretion. Greiss KC, et al. *Acta Endocrinol (Kbh)* 76:59-66, May 74
Growth retardation in the Leach-Nyhan syndrome. Skyler JS, et al. *Acta Endocrinol (Kbh)* 75:3-10, Jan 74
Adrenocortical responses of the Apollo 17 crew members. Leach CS, et al.
Aerosp Med 45:529-34, May 74
The Mauriac syndrome. Mandell F, et al. *Am J Dis Child* 127:900-2, Jun 74
Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia. Reschini E, et al. *Clin Endocrinol (Oxf)* 3:209-13, Apr 74
An infant with an XXXYY karyotype. Lecluse-van der Bilt FA, et al. *Clin Genet* 5:263-70, 1974
The eliminations of 17 hydroxycorticosteroids and total neutral 17 ketosteroids in subjects long-term occupationally exposed to ionizing radiations. Lancranjan I, et al. *Health Phys* 26:575-7, Jun 74
Effects of glucocorticosteroids on the urinary excretion of cyclic AMP and electrolytes by asthmatic children. Coffey RG, et al.
J Allergy Clin Immunol 54:41-53, Jul 74
Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. *J Clin Invest* 53:1588-98, Jun 74
Differentiation in breast cancer. Young S, et al. *J Clin Pathol [Suppl]* 7:94-102, 1974
Endocrine manifestations of diphenylhydantoin therapy. Gharib H, et al. *Metabolism* 23:515-24, Jun 74
A controlled trial of beclomethasone dipropionate in asthma. Holat PE, et al. *NZ Med J* 79:769-73, 27 Mar 74
[Control of thyrotrophic and corticotrophic functions in acromegaly] Jaquet P, et al.
Neurochirurgie 19:531-6, Nov 73 (Eng. Abstr.) (Fre)
[Klinefelter's syndrome. Clinical, laboratory, psychiatric, cytogenetic and histopathologic study of 28 personal cases] Molinatti GM, et al.
Minerva Med 65:1009-31, 14 Mar 74 (Ita)
[Juvenile fibromas] Pańnikowski T, et al.
Otolaryngol Pol 28:245-9, 1974 (Pol)
[Steroid hormones in arteriosclerosis with different types of hyperlipoproteinemia] Gerasimova EN, et al. *Kardiologiya* 15:14-9, 1974 (Eng. Abstr.) (Rus)
[Functional state of sympathetic-adrenal system and glucocorticoid indicators in newborn infants with pneumopathies and pneumonias] Svetlova AK, et al. *Pediatrics* 53:36-9, 1974 (Eng. Abstr.) (Rus)
[Glucocorticoid function of the adrenal cortex in typhoid] Povorekko IA. *Sov Med* 4:151, 1974 (Rus)
[Excretion of 17-hydroxycorticosteroid fractions in eczema and neurodermatitis] Lashmanova AP, et al. *Vestn Dermatol Venerol* 47:16-20, Dec 73 (Eng. Abstr.) (Rus)
[Glucocorticoid activity of adrenal cortex and uropepsinogen content after surgical intervention in complicated ulcer disease] Mordvinkina TN.
Vestn Khir 112:137-41, May 74 (98 ref.) (Rus)
[Metabolism of estrogens in the adrenogenital syndrome] Serrera Contreras JL.
Rev Iber Endocrinol 21:217-38, May 74 (Eng. Abstr.) (Spa)
[Determination of adrenocorticotrophic hormone and 17-hydroxycorticosteroids in cancer of the corpus uteri as well as in its recurrences and metastases] Glebov BF, et al.
Pediatr Akush Ginekol 3:57-60, 1973 (Ukr)

HYDROXYCORTICOSTEROIDS

ANALYSIS

[Circadian system. Basis of diurnal periodicity and its significance for applied physiology and clinical medicine] Aschoff J.

Verh Dtsch Ges Inn Med 79:19-31, 1973 (Ger)

BLOOD

Antibodies against Sertoli cells in human infertility. Wall JR, et al. Clin Endocrinol (Oxf) 3:187-94, Apr 74

SECRETION

The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. Zuccarello WA, et al. Steroids 23:443-54, Mar 74

URINE

[Latent adrenal gland insufficiency in ketonemic vomiting] Zimprich H, et al. Helv Paediatr Acta 29:43-50, Apr 74 (Eng. Abstr.) (Ger)

[Urinary steroid excretion in obese children] Haberfellner H, et al. Wien Med Wochenschr 124:437-42, 6 Jul 74 (Ger)

17-KETOSTEROIDS

BLOOD

Adrenal contribution to plasma oestrogens in adrenal disorders. Yuen BH, et al. Acta Endocrinol (Kbh) 76:117-26, May 74

Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia. Reschini E, et al. Clin Endocrinol (Oxf) 3:209-13, Apr 74

17-Oxosteroid control of porphyrin biosynthesis. Moore MR, et al. Enzyme 16:314-25, 1973

Hyperthecosis syndrome. Farber M, et al. Obstet Gynecol 44:35-41, Jul 74

[Indications for special endocrinologic diagnosis in gynecology] Breckwoldt M, et al. Fortschr Med 92:727-31, 13 Jun 74 (Ger)

CHEMICAL SYNTHESIS

[Steroids and sexual hormones. 249. The transformation of dehydroabietic acid into 14 alpha-methylsteroids. I. The partial synthesis of 5-methoxy-17-oxo-14 alpha-methyl-delta(5,7,9)-des-A-estratriene] Wirthlin T, et al. Helv Chim Acta 57:351-68, Feb 74 (Ger)

METABOLISM

17-Oxosteroid control of porphyrin biosynthesis. Moore MR, et al. Enzyme 16:314-25, 1973

Stereochemistry of C-1,2-dehydrogenation during cholesterol degradation by Mycobacterium phlei. Phillips GT, et al. Eur J Biochem 44:603-10, 15 May 74

[Stein-Leventhal syndrome] Stoppelli I, et al. Minerva Ginecol 26:255-81, May 74 (204 ref.) (Eng. Abstr.) (Ita)

PHARMACODYNAMICS

Effects of intracerebral implants of steroid hormones on scent marking in the ovariectomized female gerbil (Meriones unguiculatus). Owen K, et al. Physiol Behav 12:755-60, May 74

URINE

Pituitary adenoma associated with inappropriate antidiuretic hormone secretion. Grells KC, et al. Acta Endocrinol (Kbh) 76:59-66, May 74

Growth retardation in the Lesch-Nyhan syndrome. Skyler JS, et al. Acta Endocrinol (Kbh) 75:3-10, Jan 74

The Mauriac syndrome. Mandell F, et al. Am J Dis Child 127:900-2, Jun 74

Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Oakley RE, et al. Clin Endocrinol (Oxf) 3:131-48, Apr 74

Circadian rhythm of plasma corticosteroids in

congenital adrenal hyperplasia. Reschini E, et al. Clin Endocrinol (Oxf) 3:209-13, Apr 74

Successful treatment of galactorrhoea and amenorrhoea and subsequent restoration of ovarian function by a new ergot alkaloid

2-brom-alpha-ergocryptine. Rolland R, et al.

Clin Endocrinol (Oxf) 3:155-66, Apr 74

An infant with an XXXYY karyotype. Lecluse-van der Bilt FA, et al. Clin Genet 5:263-70, 1974

17-Oxosteroid control of porphyrin biosynthesis. Moore MR, et al. Enzyme 16:314-25, 1973

The eliminations of 17 hydroxycorticosteroids and total neutral 17 ketosteroids in subjects long-term occupationally exposed to ionizing radiations.

Lancranjan I, et al. Health Phys 26:575-7, Jun 74

Gastric acidity uropepsin and urinary 17-ketosteroids in burns. Mathur PN, et al.

Indian J Med Res 61:1618-24, Nov 73

The excretion of 17 oxosteroids by rats deficient in vitamin E. Barnes MM, et al.

Int J Vitam Nutr Res 44:46-52, 1974

Plasma testosterone, androstenedione and urinary 17-oxosteroids in hirsutism. Andre CM, et al.

J Endocrinol 61:xxx-xxxii, Apr 74

The effect of hypophyseal hormones and human chorionic gonadotrophin (HCG) on the anencephalic fetal adrenal cortex and on parturition in the human. Honnebler WJ, et al.

J Obstet Gynaecol Br Commonw 81:423-38, Jun 74

Seasonal variation in urinary 17-oxosteroids and seminal fructose in male Japanese macaque monkeys (Macaca fuscata fuscata). Matsubayashi K.

Lab Anim 8:253-5, May 74

Endocrine manifestations of diphenylhydantoin therapy. Gharib H, et al. Metabolism 23:515-24, Jun 74

[The effect of beclomethasone dipropionate aerosol on suprarenal cortical function of normal individuals] Mygind N.

Ugeskr Laeger 136:1185-7, 27 May 74 (Eng. Abstr.) (Dan)

[Qualitative and quantitative analysis of 17-ketosteroids and 20-hydroxy-21-deoxysteroids in urine by gas-liquid chromatography and mass spectrum analysis] Desgres J, et al.

Clin Chim Acta 52:381-405, 17 May 74 (Eng. Abstr.) (Fre)

[Urinary steroid excretion in obese children] Haberfellner H, et al.

Wien Med Wochenschr 124:437-42, 6 Jul 74 (Ger)

[Study of the pituitary corticotropin reserve with metyrapone in subjects treated with a steroid association and with the single components] Balestreri R, et al.

Folia Endocrinol (Roma) 27:168-78, Apr 74 (Eng. Abstr.) (Ita)

[The pituitary and testicular response to clomiphene during hepatic cirrhosis] Rolandi E, et al.

Folia Endocrinol (Roma) 27:290-302, Jun 74 (Eng. Abstr.) (Ita)

[Klinefelter's syndrome. Clinical, laboratory, psychiatric, cytogenetic and histopathologic study of 28 personal cases] Molinatti GM, et al.

Minerva Med 65:1009-31, 14 Mar 74 (Ita)

[Juvenile fibromas] Padnikowski T, et al.

Otolaryngol Pol 28:245-9, 1974 (Pol)

[Pubertal-adolescent dyspituitarism in girls] Mirimanova RP, et al.

Aktuel Probl Klin Biochem 49:64-7, Jul 73 (Rus)

[Steroid hormones in arteriosclerosis with different types of hyperlipoproteinemia] Gerasimova EN, et al.

Kardiologia 15:14-9, 1974 (Eng. Abstr.) (Rus)

[Neurohumoral aspects of myocardial infarct and its complications] Malaia IT, et al.

Kardiologia 14:39-47, Apr 74 (Eng. Abstr.) (Rus)

[Glucocorticoid activity of adrenal cortex and uropepsinogen content after surgical intervention in complicated ulcer disease] Mordvinkina TN.

Vestn Khir 112:137-41, May 74 (98 ref.) (Rus)

[Metabolism of estrogens in the adrenogenital syndrome] Serrera Contreras JL.

Rev Iber Endocrinol 21:217-38, May 74 (Eng. Abstr.) (Spa)

[Clinical characteristics of the patients and the endocrine disturbances in inflammation of the uterine adnexa] Koreneva GP, et al.

Pediatr Akush Ginekoi 3:53-6, 1973 (Ukr)

KETOSTEROIDS

KETOSTEROIDS

Enzyme catalysis: conflicting requirements of substrate access and transition state affinity. Wolfenden R. *Mol Cell Biochem* 3:207-11, 30 May 74
An NMR technique for carbon-5 configurations in 6-keto-delta7-steroids. Smith WB, et al. *Steroids* 23:579-83, Apr 74

ADMINISTRATION & DOSAGE

Glucose tolerance and serum insulin in rats and insulin sensitivity of rat adipose cells following treatment with the progestogen clomegestone acetate. Schillinger E, et al. *Acta Endocrinol (Kbh)* 75:305-13, Feb 74
[Comparative study of the vasoconstrictive activity of preparations containing topical corticosteroids] Henschel V, et al. *J Pharm Belg* 29:3-15, Jan-Feb 74 (Eng. Abstr.) (Fre)

ANALYSIS

[Improvement of fluorimetric estimation of delta 4-3-ketosteroids by means of lithium hydroxide reaction for analysis at the nanogram level (author's transl)] Kaplan HG, et al. *Clin Chim Acta* 51:113-7, 15 Mar 74 (Eng. Abstr.) (Ger)

BIOSYNTHESIS

Biosynthesis of 3beta, 17beta-dihydroxyandrost-5-en-16-one by hepatic microsomes from previsible and anencephalic human fetuses. Tabel T, et al. *Acta Endocrinol (Kbh)* 76:576-82, Jul 74
Differentiation between the steroidogenic effects of cholera enterotoxin and adrenocorticotropin through use of a mutant adrenal cell line. Donta ST. *J Infect Dis* 129:728-31, Jun 74
[Regulation of enzyme biosynthesis in a culture of *Mycobacterium globiforme*, strain 193, which transforms steroids] Gotovtseva VA, et al. *Mikrobiologiya* 42:434-40, May-Jun 73 (Eng. Abstr.) (Rus)

BLOOD

An assessment of the possible role of 17alpha,20alpha-dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. Bruijn HW de, et al. *J Endocrinol* 61:401-10, Jun 74

CHEMICAL SYNTHESIS

Steroids and sex hormones. Transformation of dehydroabietic acid into 14-methyl-steroids. II. The synthesis of 3-oxo-17beta-acetoxy-14alpha-methyl-delta4-8alpha, 9beta, 10alpha, 13alpha-estrone. Wirthlin T, et al. *Helv Chim Acta* 57:368-70, Feb 74
An efficient synthesis of 19-nor-9beta,10alpha-steroids. Scott JW, et al. *J Org Chem* 37:3183-4, 6 Oct 72
Intramolecular catalysis. VII: The nature of side chain shielding of the 12alpha-hydroxyl group of steroids. Atkinson KF, et al. *Steroids* 23:895-908, Jun 74

ISOLATION & PURIFICATION

[Qualitative and quantitative analysis of 17-ketosteroids and 20-hydroxy-21-deoxysteroids in urine by gas-liquid chromatography and mass spectrum analysis] Desgres J, et al. *Clin Chim Acta* 52:381-405, 17 May 74 (Eng. Abstr.) (Fre)

METABOLISM

Metabolism of pregnenolone and pregnenolone sulphate in human foetal liver tissue in vitro. Huhtaniemi I. *Acta Endocrinol (Kbh)* 76:525-38, Jul 74
Stereochemistry of C-1,2-dehydrogenation during cholesterol degradation by *Mycobacterium phlei*. Phillips GT, et al. *Eur J Biochem* 44:803-10, 15 May 74
Affinities of progestogen and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. *Steroids* 23:909-19, Jun 74
[Comparative study of the vasoconstrictive activity of preparations containing topical corticosteroids]

ADRENAL

Henschel V, et al. *J Pharm Belg* 29:3-15, Jan-Feb 74 (Eng. Abstr.) (Fre)
[The reaction of the adrenal cortex to formalin stress in intact and castrated rodents] Sokolov VI. *Zh Evol Biokhim Fiziol* 10:171-5, Mar-Apr 74 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Biologic and biochemical effects of anti-androgens on rat ventral prostate. Geller J, et al. *Acta Endocrinol (Kbh)* 75:385-97, Feb 74
Glucose tolerance and serum insulin in rats and insulin sensitivity of rat adipose cells following treatment with the progestogen clomegestone acetate. Schillinger E, et al. *Acta Endocrinol (Kbh)* 75:305-13, Feb 74
Effects of membrane steroid modification on human erythrocyte glucose transport. Masiak SJ, et al. *Arch Biochem Biophys* 162:442-7, Jun 74
The combined effects of pregnanolone and porphyrinogenic agents on hepatic delta-aminolevulinic acid synthetase in mice. Weissman EB, et al. *Biochem Med* 9:334-41, Apr 74
Induction of ethylmorphine demethylation and aniline p-hydroxylation by various catatonic steroids in regenerating rat liver. Japundžić I, et al. *Eur J Biochem* 43:79-85, 15 Mar 74
An assessment of the possible role of 17alpha,20alpha-dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. Bruijn HW de, et al. *J Endocrinol* 61:401-10, Jun 74
Protection by catatonic steroids against the paralysis caused by combined treatment with thyroxine and methylphenidate. Selye H, et al. *Neuropharmacology* 11:693-6, Sep 72
The biological profile of a new synthetic progestagen--GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74
[Comparative study of the vasoconstrictive activity of preparations containing topical corticosteroids] Henschel V, et al. *J Pharm Belg* 29:3-15, Jan-Feb 74 (Eng. Abstr.) (Fre)

URINE

Analysis of steroids by high-resolution gas-liquid chromatography. II. Application to urinary samples. Luyten JA, et al. *J Chromatogr* 91:393-406, 24 Apr 74
[Latent adrenal gland insufficiency in ketonemic vomiting] Zimprich H, et al. *Helv Paediatr Acta* 29:43-50, Apr 74 (Eng. Abstr.) (Ger)

METHYLPREDNISOLONE

Transplantation in the military. I. Guidelines for cadaver organ donation. Perloff LJ, et al. *Am J Surg* 128:79-84, Jul 74

ADMINISTRATION & DOSAGE

Letter: Beclomethasone aerosol in treatment of non-specific pulmonary fibrosis. Linklater JP. *Br Med J* 2:872, 22 Jun 74
Corticosteroid injection effects on the biomechanical properties of rabbit patellar tendons. Phelps D, et al. *Clin Orthop* 100:345-8, May 74
Local graft irradiation as an adjunct to pharmacologic immunosuppression. Foster RS Jr. *J Surg Res* 16:457-62, May 74
Influence of DMSO distribution upon renal function following freezing and thawing. Kubota S, et al. *J Surg Res* 16:582-91, Jun 74
Splenectomy in renal transplantation. Kauffman HM, et al. *Surg Gynecol Obstet* 139:33-40, Jul 74
[Evaluation of methyl-prednisolone in the treatment of acute laryngitis in children] Massicotte P, et al. *Union Med Can* 102:2064-72, Oct 73 (Eng. Abstr.) (Fre)
[Use of cortisone-antibiotic ointment in the treatment of burns in pediatric surgery] Rizzo A. *Minerva Chir* 29:463-9, 30 Apr 74 (Eng. Abstr.) (Ita)
[Use of delayed-action high-dosage parenteral 6-methyl-prednisolone in oncology] Rizzo SC. *Minerva Med* 65:1078-81, 17 Mar 74 (Eng. Abstr.) (Ita)
[Electroencephalographic and neurologic changes in children with acute lymphoblastic leukemia subjected to intraspinal prevention with

amethopterin and methylprednisolone] Iannetti P, et al.
Minerva Pediatr 26:223-34, 18 Feb 74 (Eng. Abstr.) (Ita)

ADVERSE EFFECTS

Letter: Steroid aerosols and candidiasis. Godfrey S, et al. *Br Med J* 2:387, 18 May 74
 [Steroid-induced mediastinal lipomatosis following kidney transplantation] Wolf A, et al.
Wien Z Inn Med 54:248-53, 1973 (Eng. Abstr.) (Ger)

BLOOD

Effect of pregnancy serum on experimental inflammation. Persellin RH, et al.
Br J Exp Pathol 55:26-32, Feb 74

PHARMACODYNAMICS

Steroid effect on the release of the lysosomal enzyme acid phosphatase in shock. Clermont HG, et al. *Ann Surg* 179:917-21, Jun 74
 Alterations in adenylate cyclase activity of the rat prostate gland. Sutherland DJ, et al.
Biochim Biophys Acta 343:238-49, 20 Mar 74
 Effect of pregnancy serum on experimental inflammation. Persellin RH, et al.
Br J Exp Pathol 55:26-32, Feb 74
 Effects of glucocorticosteroids on the urinary excretion of cyclic AMP and electrolytes by asthmatic children. Coffey RG, et al.
J Allergy Clin Immunol 54:41-53, Jul 74
 Release of neutral protease and beta-glucuronidase from human neutrophils in the presence of cartilage treated with various immunologic reactants. Ignarro LJ. *J Immunol* 113:298-308, Jul 74
 Ischemic damage to nuclei is not altered by steroids. Lazarus HM, et al. *J Surg Res* 16:404-11, Apr 74
 Adverse interaction between steroid hormones and anticholinesterase drugs. Patten BM, et al.
Neurology (Minneapolis) 24:442-9, May 74
 Role of lysosomal enzyme release in the pathogenesis of stress-induced gastric ulceration. Ferguson WW, et al. *Surg Forum* 23:380-2, 1972
 Steroid protection of a pulmonary xenograft model. Speilner PB, et al. *Surg Forum* 23:272-3, 1972
 Lysosomal enzyme release and vascular resistance changes in the isolated perfused kidney: Influence of methylprednisolone. Starling JR, et al.
Surg Forum 23:259-61, 1972
 Effects of methylprednisolone on pulmonary microcirculation. Kusajima K, et al.
Surg Gynecol Obstet 139:1-5, Jul 74
 [The bronchial mucosa after long-term treatment with beclomethasone dipropionate (Becotide)] Andersson E, et al.
Ugeskr Laeger 136:1192-4, 27 May 74 (Eng. Abstr.) (Dan)
 [The effect of beclomethasone dipropionate aerosol on suprarenal cortical function of normal individuals] Mygind N.
Ugeskr Laeger 136:1185-7, 27 May 74 (Eng. Abstr.) (Dan)
 [Morphological examination of the epithelium of the pharyngeal tonsil, with special reference to reticulation] Mootz W.
Ann Univ Sarav [Med] 20:245-305, 1973 (Ger)
 [Ultrastructural aspects of the rabbit aortic endothelial surface in the early phases of experimental cholesterol-induced atherogenesis, under the influence of Tween 80 and methylprednisolone, respectively] Weber G, et al.
Boll Soc Ital Biol Sper 49:748-50, 30 Jul 73 (Ita)
 [Study of the pituitary corticotropin reserve with metyrapone in subjects treated with a steroid association and with the single components] Balestreri R, et al.
Folia Endocrinol (Roma) 27:168-78, Apr 74 (Eng. Abstr.) (Ita)
 [Use of cortisone-antibiotic ointment in the treatment of burns in pediatric surgery] Rizzo A.
Minerva Chir 29:463-9, 30 Apr 74 (Eng. Abstr.) (Ita)
 [Use of delayed-action high-dosage parenteral 6-methyl-prednisolone in oncology] Rizzo SC.
Minerva Med 65:1078-81, 17 Mar 74 (Eng. Abstr.) (Ita)

THERAPEUTIC USE

The action of corticosteroid hormones in an experimental brain tumour model. Shapiro WR.
Afr J Med Sci 4:351-8, Oct 73
 Experience with elective surgery in renal allograft recipients. Hirsche BL, et al.
Am J Surg 127:730-2, Jun 74
 Clinical trial design in studies of corticosteroids for bacterial infections. Weltzman S, et al.
Ann Intern Med 81:36-42, Jul 74 (49 ref.)
 Steroid effect on the release of the lysosomal enzyme acid phosphatase in shock. Clermont HG, et al.
Ann Surg 179:917-21, Jun 74
 The ineffectiveness of steroid therapy in treating aspiration of hydrochloric acid. Chapman RL Jr, et al.
Arch Surg 108:858-61, Jun 74
 A panel by correspondence. Fat embolism. Peltier LF, et al. *Arch Surg* 109:12-6, Jul 74
 Leukocyte interferon production, RNA synthesis, and PHA response in patients with infectious mononucleosis. Pidot AL, et al.
Blood 42:175-85, Aug 73
 Evaluation of clearance studies in lupus nephritis. Rosenbaum JL, et al. *Clin Nephrol* 2:47-51, 1974
 Grand rounds: Intraperitoneal infection and emergency operation in patients on long-term corticosteroid therapy. Oldfather T, et al.
J Ky Med Assoc 72:280-2, May 74
 The medical and surgical treatment of nasal polyps. Myers D, et al. *Laryngoscope* 84:833-47, May 74
 A controlled trial of beclomethasone dipropionate in asthma. Holst PE, et al. *NZ Med J* 79:769-73, 27 Mar 74
 A controlled trial of beclomethasone dipropionate by aerosol in chronic asthmatics. Martin PD, et al.
NZ Med J 79:773-8, 27 Mar 74
 Effects of methylprednisolone on pulmonary microcirculation. Kusajima K, et al.
Surg Gynecol Obstet 139:1-5, Jul 74
 Early treatment of blunt chest trauma. Jarem BJ, et al.
Tex Med 70:89-94, May 74
 [Beclomethasone dipropionate aerosol (Becotide) in severe bronchial asthma] Bruun E, et al.
Ugeskr Laeger 136:1179-81, 27 May 74 (Eng. Abstr.) (Dan)
 [Editorial: Beclomethasone] Georg J.
Ugeskr Laeger 136:1211-2, 27 May 74 (Dan)
 [The local effect of beclomethasone dipropionate aerosol intranasally in hayfever] Mygind N, et al.
Ugeskr Laeger 136:1182-4, 27 May 74 (Eng. Abstr.) (Dan)
 [Beclomethasone dipropionate inhalation in the treatment of chronic respiratory insufficiency] Rorbaek Madsen PE.
Ugeskr Laeger 136:1188-91, 27 May 74 (Eng. Abstr.) (Dan)
 [Evaluation of methyl-prednisolone in the treatment of acute laryngitis in children] Massicotte P, et al.
Union Med Can 102:2064-72, Oct 73 (Eng. Abstr.) (Fre)
 [Acute lymphatic leukemia in adults. Therapy and prognosis in comparison with acute myelogenous leukemia] Abbrederis K, et al.
Med Klin 69:427-31, 8 Mar 74 (Eng. Abstr.) (Ger)
 [Use of cortisone-antibiotic ointment in the treatment of burns in pediatric surgery] Rizzo A.
Minerva Chir 29:463-9, 30 Apr 74 (Eng. Abstr.) (Ita)
 [Use of delayed-action high-dosage parenteral 6-methyl-prednisolone in oncology] Rizzo SC.
Minerva Med 65:1078-81, 17 Mar 74 (Eng. Abstr.) (Ita)

TOXICITY

Corticosteroid injection effects on the biomechanical properties of rabbit patellar tendons. Phelps D, et al.
Clin Orthop 100:345-8, May 74

MINERALOCORTICOIDS

ADVERSE EFFECTS

Renin and aldosterone and the pathogenesis of hypertensive vascular damage. Gavras H, et al.
Prog Cardiovasc Dis 17:39-49, Jul-Aug 74 (65 ref.)

METABOLISM

Adrenodoxin, ferredoxins and other iron-sulphur (nonheme-iron) proteins. II. Wickramasinghe RH.
Enzyme 17:227-64, 1974 (326 ref.)
 Renal handling of calcium and phosphate during

MINERALOCORTICOIDS

- mineralocorticoid "escape" in man. Rastegar A, et al. *Kidney Int* 2:279-86, Nov 72
- [Kidney and calcium metabolism. Physiology and pathophysiology of renal calcium excretion] Heidebreder E, et al. *Dtsch Med Wochenschr* 99:537-41, 15 Mar 74 (40 ref.) (Ger)

PHARMACODYNAMICS

- Hormones and avoidance behavior: a different approach points to a role for mineralocorticoids. Weiss JM, et al. *Prog Brain Res* 39:471-80, 1973

PHYSIOLOGY

- [Is essential hypertension still a disease entity? Definition of hyporeninemic hypertension] Distler A. *Internist (Berlin)* 15:146-54, Mar 74 (Ger)

THERAPEUTIC USE

- Reset of osmoreceptors in association with normovolemic hyponatremia. Michellis MF, et al. *Am J Med Sci* 267:267-73, May 74
- [Primary hypo- and hyperreninism] Werning C. *Internist (Berlin)* 15:174-8, Mar 74 (21 ref.) (Ger)

PARAMETHASONE

THERAPEUTIC USE

- The idiopathic nephrotic syndrome of childhood. A clinical reevaluation of 148 cases. Makker SP, et al. *Am J Dis Child* 127:830-7, Jun 74

PREDNISOLONE

- [Crystalline growth in an injectable suspension of chloramphenicol and prednisolone] Delonca H, et al. *J Pharm Belg* 29:16-30, Jan-Feb 74 (Eng. Abstr.) (Fre)
- [Dispersivity of drugs with special reference to suspension ointments. 3. Photometric process for the determination of the dispersivity of aggregates and a comparison with microscopic results] Horsch W, et al. *Pharmazie* 29:129-31, Feb 74 (Ger)
- [Transformation of steroids by cells and a cell-free preparation of *Mycobacterium globiforme* 193 cultures enclosed in polyacrylamide gel] Skriabin GK, et al. *Dokl Akad Nauk SSSR* 215:737-9, 21 Mar 74 (Rus)
- [Experimental infection of mice with bacterial L forms against a background of immunodepressants] Ermakova GL, et al. *Zh Mikrobiol Epidemiol Immunobiol* 51:91-4, Apr 74 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

- Letter: Skin tumors with immunosuppressive therapy. Dupont C. *Arch Dermatol* 109:912, Jun 74
- Effect of chronic administration of glucocorticoid (prednisolone) on the rate of healing of experimental osseous defects. Hellewell AB, et al. *Clin Orthop* 100:349-55, May 74
- Platelet survival and platelet production in idiopathic thrombocytopenic purpura (ITP) before and during treatment with corticosteroids. Branchög I, et al. *Scand J Haematol* 12:69-79, 1974
- [Therapeutic results of osmic acid synovio-orthesis] Boussina I, et al. *Schweiz Med Wochenschr* 104:693-6, 11 May 74 (Eng. Abstr.) (Fre)
- [Suture techniques, scars and their correction (author's transl)] Haas E. *Laryngol Rhinol Otol (Stuttg)* 53:234-40, Apr 74 (Eng. Abstr.) (Ger)
- [Function of renal homotransplants under intravenous administration of steroids] Pinggera WF. *Wien Z Inn Med* 54:234-47, 1973 (Eng. Abstr.) (Ger)
- [Effect of strophanthin and prednisolone on catecholamine content in different parts of the heart in experimental myocardial infarct in dogs] Popov VG, et al. *Kardiologia* 15:29-35, 1974 (Eng. Abstr.) (Rus)
- [Glucocorticoid function of the adrenal cortex in patients with pulmonary tuberculosis in connection with anesthesia and surgery] Gulla DI, et al. *Probl Tuberk* 52:26-30, Mar 74 (Eng. Abstr.) (Rus)
- [Present-day principles of cytostatic therapy of acute

ADRENAL

- leukemia] Kovaleva LG. *Sov Med* 36:111-6, Aug 73 (34 ref.) (Rus)
- [Changes in the organ of vision during general experimental steroid therapy] Koretakala IuM, et al. *Vestn Oftalmol* 2:45-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Chloroquine induced neuropathy] Gärding S, et al. *Lakartidningen* 71:1923-4, 8 May 74 (Swe)

ADVERSE EFFECTS

- Prednisolone-induced mucormycosis in rhesus monkeys. Baker RD, et al. *Drugs* 7:75-80, 1974
- [Incidence of chronic gastritis in progressive chronic polyarthritis] Klugmann HJ, et al. *Z Gesamte Inn Med* 29:104-10, 1 Feb 74 (Eng. Abstr.) (Ger)

- [Pathways of glucocorticoid influence on erythropoiesis] Riabov SI, et al. *Probl Gematol Pereliv Krovi* 19:48-51, 1974 (Eng. Abstr.) (Rus)
- [Combination chemotherapy in Hodgkin's disease] Andersson T, et al. *Lakartidningen* 71:1844-6, 2 May 74 (15 ref.) (Eng. Abstr.) (Swe)

ANALYSIS

- Determination of prednisolone sodium phosphate by ion-pair extraction. Kaplan GB, et al. *J Assoc Off Anal Chem* 57:735-7, May 74

DIAGNOSTIC USE

- Frequency of manifest, latent and latent chemical diabetes mellitus in patients of ischaemic heart disease with myocardial infarction. Mangla DP, et al. *J Assoc Physicians India* 21:11-5, Jan 73

METABOLISM

- Glucocorticoid tight binding in rat liver and thymus particles. Ambellan E. *Biochem Biophys Res Commun* 57:520-5, 25 Mar 74
- Permeability of the isolated rabbit cornea to corticosteroids. Hull DS, et al. *Invest Ophthalmol* 13:457-9, Jun 74

PHARMACODYNAMICS

- Effect of ascorbic acid on urinary hydroxyproline of children receiving corticosteroids. Liakakos D, et al. *Arch Dis Child* 49:400-3, May 74
- Response to prednisolone of cultured immunoglobulin-producing human lymphoid cells. Strong JE, et al. *Blood* 44:109-15, Jul 74
- Effects of I.D.U. and corticosteroids on corneal epithelium. Krejčí L, et al. *Can J Ophthalmol* 9:221-4, Apr 74
- Studies on genomic interactions in hybrids between enzymic variants of a human cell line. Barlati S, et al. *Cell Differ* 2:325-35, Mar 74
- Action of progesterone and related steroids on oocyte maturation in *Xenopus laevis*. An in vitro study. Schorderet-Slatkine S. *Cell Differ* 1:179-89, Aug 72
- Effect of chronic administration of glucocorticoid (prednisolone) on the rate of healing of experimental osseous defects. Hellewell AB, et al. *Clin Orthop* 100:349-55, May 74
- Protein-prednisolone interaction in the regulation of the activity of some liver and kidney enzymes in growth-plateaued rats. Nath N, et al. *Enzyme* 17:287-296, 1974
- Adverse interaction between steroid hormones and anticholinesterase drugs. Patten BM, et al. *Neurology (Minneapolis)* 24:442-9, May 74
- Protection by catatoxic steroids against the paralysis caused by combined treatment with thyroxine and methylphenidate. Selye H, et al. *Neuropharmacology* 11:693-6, Sep 72
- Influence of antiplogistic drugs on prostaglandin E1 stimulated cyclic 3',5'-AMP levels and glycosaminoglycan synthesis in fibroblast tissue cultures. Schönhöfer PS, et al. *Pol J Pharmacol Pharm* 26:51-60, Jan-Apr 74
- Adrenal corticosteroids enhance production of type-C virus induced by 5-iodo-2'-deoxyuridine from cultured mouse fibroblasts. Paran M, et al. *Proc Natl Acad Sci USA* 70:2391-5, Aug 73
- Binding of wheat germ agglutinin by HeLa cells: effects

- of prednisolone. Salvato JA, et al.
Proc Soc Exp Biol Med 145:1348-52, Apr 74
- Preparation of peroxisomes from mouse liver by rate-zonal centrifugation. Thomson JF, et al.
Proc Soc Exp Biol Med 145:1174-7, Apr 74
- Platelet survival and platelet production in idiopathic thrombocytopenic purpura (ITP) before and during treatment with corticosteroids. Branehög I, et al.
Scand J Haematol 12:69-79, 1974
- The use of in vitro lymphocyte responsiveness to specific mitogenic agents in the immunological monitoring of human renal allograft recipients. Copeland D, et al. Tissue Antigens 4:106-14, 1974
- Influence of prednisolone on PHA induced euchromatization of human lymphocytes] Drings P, et al. Verb Dtsch Ges Inn Med 79:609-13, 1973 (Ger)
- Daily rhythm of plasma cortisol following intraarticular injection of overlap or total content of decortin-H crystalline suspensions] Hartmann F, et al. Verb Dtsch Ges Inn Med 79:1419-22, 1973 (Ger)
- Function of renal homotransplants under intravenous administration of steroids] Pinggera WF.
Wien Z Inn Med 54:234-47, 1973 (Eng. Abstr.) (Ger)
- Study of the pituitary corticotropin reserve with metyrapone in subjects treated with a steroid association and with the single components] Balestreri R, et al.
Folia Endocrinol (Roma) 27:168-78, Apr 74 (Eng. Abstr.) (Ita)
- Changes of mucopolysaccharase, protease and collagenolytic activities in rats with adjuvant arthritis and the effects of various anti-inflammatory drugs] Suzuki Y, et al.
Folia Pharmacol Jap 69:947-68, Nov 73 (Eng. Abstr.) (Jap)
- Effect of strophanthin and prednisolone on catecholamine content in different parts of the heart in experimental myocardial infarct in dogs] Popov VG, et al.
Kardiologia 15:29-35, 1974 (Eng. Abstr.) (Rus)
- Changes in the organ of vision during general experimental steroid therapy] Koretskaya IuM, et al.
Vestn Oftalmol 2:45-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- ### THERAPEUTIC USE
- Ten cases of so-called long survival in children with acute lymphoblastic leukemia. Armata J, et al.
Acta Paediatr Scand 63:369-72, May 74
- Coombs-negative autoimmune hemolytic anemia and immunoglobulin deficiency. Ghosh ML, et al.
Am J Clin Pathol 62:40-6, Jul 74
- The idiopathic nephrotic syndrome of childhood. A clinical reevaluation of 148 cases. Makker SP, et al.
Am J Dis Child 127:830-7, Jun 74
- Effect of ascorbic acid on urinary hydroxyproline of children receiving corticosteroids. Liakakos D, et al.
Arch Dis Child 49:400-3, May 74
- The effect of autologous serum on lymphocyte response to human leukemia cells. Bryan JH, et al.
Blood 43:781-7, Jun 74
- Pustular psoriasis in association with renal amyloidosis. Mackie RM, et al. Br J Dermatol 90:567-71, May 74
- Blood and neoplastic diseases. Thrombocytopenia. Barkhan P. Br Med J 2:324-5, 11 May 74
- Blood and neoplastic diseases. Other purpuras. Barkhan P. Br Med J 2:376-8, 18 May 74
- Response to rimiterol and salbutamol aerosols administered by intermittent positive-pressure ventilation. Cooke NJ, et al. Br Med J 2:250-2, 4 May 74
- Letter: Beclomethasone aerosol in treatment of non-specific pulmonary fibrosis. Linklater JP.
Br Med J 2:872, 22 Jun 74
- Letter: Growth after renal transplantation. Potter DE.
Br Med J 2:223, 27 Apr 74
- Letter: Polyarteritis after influenza vaccination. Wharton CF, et al. Br Med J 2:331-2, 11 May 74
- Late bronchial obstructive reaction to experimental inhalation of house dust extract. Booi-Noord H, et al.
Clin Allergy 2:43-61, Mar 72
- Effect of chronic administration of glucocorticoid (prednisolone) on the rate of healing of experimental osseous defects. Hellewell AB, et al.
Clin Orthop 100:349-55, May 74
- Dermatomyositis. Sachdev YR, et al.
Indian J Pediatr 40:439-41, Dec 73
- Observations on tuberculous pleural effusion. Banerjee SK, et al. J Indian Med Assoc 61:427-9, 16 Nov 73
- A case of desquamative interstitial pneumonia progressing to "honeycomb lung". McCann BG, et al.
J Pathol 112:199-202, Apr 74
- Pathways of complement activation in glomerulonephritis. Holland NH, et al.
Kidney Int 1:106-14, Feb 72
- Riboflavin and adrenal cortex.
Nutr Rev 31:95-6, Mar 73 (6 ref.)
- Pancreatic exocrine deficiency, chronic active hepatitis and familial autoallergic haemolytic anaemia. Pounder RE. Proc R Soc Med 67:323-4, May 74
- Cardiac infarction and yellow nail syndrome. Scott J.
Proc R Soc Med 67:323, May 74
- Platelet survival and platelet production in idiopathic thrombocytopenic purpura (ITP) before and during treatment with corticosteroids. Branehög I, et al.
Scand J Haematol 12:69-79, 1974
- Unusual cases of myelomatosis. Ghosh ML, et al.
Scand J Haematol 12:147-54, 1974
- Experimental Escherichia coli mastitis in cattle, its pathogenesis and treatment. Said AH.
Tijdschr Diergeneesk 98:387-96, 15 Apr 73
- The use of in vitro lymphocyte responsiveness to specific mitogenic agents in the immunological monitoring of human renal allograft recipients. Copeland D, et al. Tissue Antigens 4:106-14, 1974
- [Beclomethasone dipropionate inhalation in the treatment of chronic respiratory insufficiency] Rorbaek Madsen PE.
Ugeskr Laeger 136:1188-91, 27 May 74 (Eng. Abstr.) (Dan)
- [Therapeutic results of osmic acid synovio-orthesis] Bouassina I, et al.
Schweiz Med Wochenschr 104:693-6, 11 May 74 (Eng. Abstr.) (Fre)
- [Oral therapy of bovine acetoneuria with 6 alpha-9 alpha-difluor-16 alpha-methyl-prednisolone] Manger HG.
Berl Munch Tierarztl Wochenschr 87:205-7, 1 Jun 74 (Eng. Abstr.) (Ger)
- [Therapy of thyroid crises] Kallee E.
Dtsch Med Wochenschr 99:1369-71, 21 Jun 74 (Ger)
- [Combined corticosteroid and synthetic depot ACTH therapy in chronic obstructive ventilation disorders] Cegla UH, et al.
Verb Dtsch Ges Inn Med 79:891-4, 1973 (Ger)
- [Polymyalgia rheumatica] Kaiser H.
Verb Dtsch Ges Rheumatol 3:77-80, 1974 (Eng. Abstr.) (Ger)
- [Arthropathies in Boeck's disease] Taubner A.
Verb Dtsch Ges Rheumatol 3:66-9, 1974 (Ger)
- [Clinical picture of rheumatic diseases. Experiences with interval corticoid therapy] Wittenborg A, et al.
Verb Dtsch Ges Rheumatol 3:268-9, 1974 (Ger)
- [Increased frequency of erythema exudativum multiforme minus in young males] Ratzmann KP, et al. Z Aerzt Fortbild (Jena) 67:1192-3, 1 Dec 73 (Ger)
- [Incidence of chronic gastritis in progressive chronic polyarthritis] Klugmann HJ, et al.
Z Gesamte Inn Med 29:104-10, 1 Feb 74 (Eng. Abstr.) (Ger)
- [Agranulocytosis and cholestatic hepatitis occurring during tetran therapy] Jakó J, et al.
Orv Hetil 115:995-8, 28 Apr 74 (Hun)
- [Several mechanisms of the effect of prednisolone on vascular permeability under conditions of ischemic myocardial necrosis] Gubarev EA.
Farmakol Toksikol 26:426-9, Jul-Aug 73 (Eng. Abstr.) (Rus)
- [Treatment of the articular complications of hemophilia] Epifanov NS, et al.
Probl Gematol Perellv Krovi 19:22-6, 1974 (Eng. Abstr.) (Rus)
- [Nitrogen metabolic indices in viral hepatitis patients against a background of treatment with L-glutamine and other drug agents] Fomina TN.
Sov Med 4:89-93, 1974 (Eng. Abstr.) (Rus)
- [Possibility of treatment of sympathetic ophthalmia] Arkhipova LT.
Vestn Oftalmol 2:76-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Myxedematous coma] Gri E, et al.
Rev Iber Endocrinol 21:159-69, Mar-Apr 74 (Eng. Abstr.) (Spa)
- [Pregnancy following renal transplantation] Ahimén J, et al.
Lakartidningen 71:2549-52, 19 Jun 74 (Eng. Abstr.) (Swe)
- [Effect of prednisolone on the bioelectrical activity of the brain in children with rheumocarditis and chorea] Zinchenko AM.
Pediatr Akush Ginekol 3:17-9, 1973 (Ukr)

TOXICITY

Effects of I.D.U. and corticosteroids on corneal epithelium. Krejčí L, et al.
Can J Ophthalmol 9:221-4, Apr 74

PREDNISOLONE, TOPICAL

PHARMACODYNAMICS

[Effect of the degree of dispersion and of the type of ointment base on the skin absorption of hydrocortisone and prednisolone ointments] Skripkin IuK, et al.
Vestn Dermatol Venerol 48:19-21, May 74 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

[Experiences with the symptomatic topical drug Corti-Dynexan in naval dentistry] Löpelmann J.
ZWR 83:531-5, 10 Jun 74 (Ger)

PREDNISONE

[Transformation of steroids by cells and a cell-free preparation of Mycobacterium globiforme 193 cultures enclosed in polyacrylamide gel] Skriabin GK, et al. Dokl Akad Nauk SSSR 215:737-9, 21 Mar 74 (Rus)

ADMINISTRATION & DOSAGE

Osteonecrosis in three young men previously treated with steroid for aplastic anaemia. Dyreborg E, et al. Acta Orthop Scand 45:199-205, 1974
Granulomatous pulmonary arteritis. A hypereosinophilic syndrome. Clausen KP, et al. Am J Clin Pathol 62:82-7, Jul 74
Nonsurgical treatment of subdural hematomas. Bender MB, et al. Arch Neurol 31:73-9, Aug 74
Nasal septal perforation in systemic lupus erythematosus. Snyder GG 3d, et al. Arch Otolaryngol 99:458-7, Jun 74
Intensive chemotherapy in children with acute lymphoblastic leukemia (L-2 protocol). Hagbin M, et al. Cancer 33:1491-8, Jun 74
Combination chemotherapy of Hodgkin's disease. Nison DW, et al. Cancer 33:1499-504, Jun 74
Selection of patients for cromolyn therapy. Toogood JH. Clin Pediatr (Phila) 13:428-31, May 74
Fatal herpes hepatitis associated with pemphigus vulgaris and steroids in an adult. Orenstein JM, et al. Hum Pathol 5:489-93, Jul 74
Effect of corticosteroids on exercise-induced asthma. König P, et al. J Allergy Clin Immunol 54:14-9, Jul 74
Local graft irradiation as an adjunct to pharmacologic immunosuppression. Foster RS Jr. J Surg Res 16:457-62, May 74
Sex, ascites and alcoholism in survival of patients with cirrhosis. Effect of prednisone. N Engl J Med 291:271-3, 8 Aug 74
Reduced susceptibility to scrapie in mice after steroid administration. Outram GW, et al. Nature 249:855-6, 28 Jun 74
Treatment of childhood nephrotic syndrome with Imuran. Alatas H, et al. Paediatr Indones 12:363-71, Sep 72
Protection from chemotherapeutic epilation by prior irradiation. Cassady JR, et al. Radiology 112:197-8, Jul 74
Letter: Treatment of tuberculosis in children. S Afr Med J 48:897-8, 4 May 74
[Case of follicular mucinosis] Raszeja-Kotelba B, et al. Przegl Dermatol 60:243-6, Mar-Apr 73 (Eng. Abstr.) (Pol)

ADVERSE EFFECTS

Osteonecrosis in three young men previously treated with steroid for aplastic anaemia. Dyreborg E, et al. Acta Orthop Scand 45:199-205, 1974
Granulomatous pulmonary arteritis. A hypereosinophilic syndrome. Clausen KP, et al. Am J Clin Pathol 62:82-7, Jul 74
Metabolic complications of aggressive therapy of chronic lymphocytic leukemia. Morse BM, et al. Am J Med Sci 267:311-4, May 74
Pseudomonas blepharconjunctivitis: a complication of combination chemotherapy. Rosenoff SH, et al. Arch Ophthalmol 91:490-1, Jun 74

Cutaneous complications in immunosuppressed renal homograft recipients. Koranda FC, et al. JAMA 229:419-24, 22 Jul 74
Letter: Possible adverse effect of prednisone in SSPE. Paine TF Jr. N Engl J Med 290:1326, 6 Jun 74
Letter: Calcitonin in steroid-induced osteoporosis. Palmieri GM, et al. N Engl J Med 290:1490-1, 27 Jun 74
Sex, ascites and alcoholism in survival of patients with cirrhosis. Effect of prednisone. N Engl J Med 291:271-3, 8 Aug 74
[Hepatic peliosis: possible etiologic role of medication] Delage C, et al. Union Med Can 102:1888-93, Sep 73 (Eng. Abstr.) (Fre)
[Danger of hyperuricemia in the treatment of acute leukemia, lymphosarcoma and reticulosarcoma] Armata J. Pol Tyg Lek 29:1005-6, 10 Jun 74 (17 ref.) (Pol)

DIAGNOSTIC USE

Value of prednisone test in the differential diagnosis of viral hepatitis and extrahepatic biliary obstruction. Misra MP, et al. J Assoc Physicians India 21:211-3, Feb 73

METABOLISM

[Regulation of enzyme biosynthesis in a culture of Mycobacterium globiforme, strain 193, which transforms steroids] Gotovtseva VA, et al. Mikrobiologiya 42:434-40, May-Jun 73 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Prevention of vessel wall damage in experimental irradiation. Smit Sibinga CT. Bibi Anat 12:242-8, 1973
Intestinal absorption of calcium and the effect of renal insufficiency. Coburn JW, et al. Kidney Int 4:98-104, Aug 73 (93 ref.)
Letter: Cyclophosphamide activation and corticosteroids. Faber OK, et al. N Engl J Med 291:211, 25 Jul 74
Adverse interaction between steroid hormones and anticholinesterase drugs. Patten BM, et al. Neurology (Minneapolis) 24:442-9, May 74
[Effect of glucocorticoids and the level of ACTH, TSH, LH and FSH in the human serum] Wagner H, et al. Verh Dtsch Ges Rheumatol 3:271-6, 1974 (Eng. Abstr.) (Ger)
[Repetitive chronic atrial tachycardia] Orha I, et al. Med Interna (Bucur) 26:201-8, Feb 74 (Eng. Abstr.) (Rum)

THERAPEUTIC USE

The effect of extracorporeal irradiation of the blood in necrokidney transplantation. Three years' follow-up study. Weeke E, et al. Acta Med Scand 195:485-91, Jun 74
Osteonecrosis in three young men previously treated with steroid for aplastic anaemia. Dyreborg E, et al. Acta Orthop Scand 45:199-205, 1974
Thrombocytokinetic examination in patients with hereditary thrombocytopenia. Fortýnová J, et al. Acta Univ Carol [Med Monogr] (Praha) 53:345-51, 1972
Granulomatous pulmonary arteritis. A hypereosinophilic syndrome. Clausen KP, et al. Am J Clin Pathol 62:82-7, Jul 74
Acute megakaryocytic myelofibrosis. Case report of an unusual myeloproliferative syndrome. Estevez JM, et al. Am J Clin Pathol 62:52-9, Jul 74
Transient peripheral plasmacytosis. Moake JL, et al. Am J Clin Pathol 62:8-15, Jul 74
Chronic eosinophilic pneumonia, a manifestation of allergic aspergillosis. Warnock ML, et al. Am J Clin Pathol 62:73-81, Jul 74
Retrograde cholangiography and sclerosing cholangitis. Abbruzzese AA. Am J Dig Dis 19:571-4, Jun 74
Idiopathic bell palsy in a 2-month-old child. Fishbein JF, et al. Am J Dis Child 128:112-3, Jul 74
The idiopathic nephrotic syndrome of childhood. A clinical reevaluation of 148 cases. Makker SP, et al. Am J Dis Child 127:830-7, Jun 74
Acquired "storage pool disease" of platelets associated with circulating antiplatelet antibodies. Zahavi J, et al. Am J Med 56:883-90, Jun 74
Metabolic complications of aggressive therapy of

- chronic lymphocytic leukemia. Morse BM, et al. *Am J Med Sci* 267:311-4, May 74
- Development of sympathetic uveitis in spite of corticosteroid therapy. Kay ML, et al. *Am J Ophthalmol* 78:90-4, Jul 74
- Paroxysmal nocturnal hemoglobinuria associated with hepatic and portal venous thrombosis. Grossman JA, et al. *Am J Surg* 127:733-6, Jun 74
- Multiple myeloma with pleural involvement. Badrinas F, et al. *Am Rev Respir Dis* 110:82-7, Jul 74
- Letter: Hyperphosphatemia and hypocalcemia in myeloproliferative disorder. Ajlouni K, et al. *Ann Intern Med* 81:119-20, Jul 74
- Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Dluhy RG, et al. *Ann Intern Med* 80:693-6, Jun 74
- Letter: Sarcoidosis and hyperprolactinemia. Malarkey WB, et al. *Ann Intern Med* 81:116, Jul 74
- Clinical trial design in studies of corticosteroids for bacterial infections. Weitzman S, et al. *Ann Intern Med* 81:36-42, Jul 74 (49 ref.)
- The present status of therapy of bell's paralysis: a critical evaluation. Wolferman A. *Ann Otol Rhinol Laryngol* 83:Suppl 12:1-15, May-Jun 74 (54 ref.)
- Successful treatment of radiation pericarditis with corticosteroids. Keelan MH Jr, et al. *Arch Intern Med* 134:145-7, Jul 74
- Acute fulminant Wegener granulomatosis. Therapy with immunosuppression, hemodialysis, and renal transplantation. Kjellstrand CM, et al. *Arch Intern Med* 134:40-3, Jul 74
- Nonsurgical treatment of subdural hematomas. Bender MB, et al. *Arch Neurol* 31:73-9, Aug 74
- Optic neuritis in systemic lupus erythematosus. Hackett ER, et al. *Arch Neurol* 31:9-11, Jul 74
- Pseudomonas blepharconjunctivitis: a complication of combination chemotherapy. Rosenoff SH, et al. *Arch Ophthalmol* 91:490-1, Jun 74
- Malignant lymphoma invading the facial nerve. Palva T, et al. *Arch Otolaryngol* 99:433-6, Jun 74
- Nasal septal perforation in systemic lupus erythematosus. Snyder GG 3d, et al. *Arch Otolaryngol* 99:456-7, Jun 74
- A syndrome of platelet-release abnormality and mild hemophilia. Chesney C, et al. *Blood* 43:821-30, Jun 74
- Hodgkin's disease in childhood. Young RC, et al. *Blood* 42:163-74, Aug 73
- Pemphigus and Hodgkin's disease. Sood VD, et al. *Br J Dermatol* 90:575-8, May 74
- Annotation: pure red cell aplasia. Krantz SB. *Br J Haematol* 25:1-6, Jul 73 (29 ref.)
- T-lymphoblastic leukaemia: a distinct variant of acute leukaemia. Catovsky D, et al. *Br Med J* 2:843-6, 22 Jun 74
- Alpha-chain disease with clinical, immunological, and histological recovery. Manousos ON, et al. *Br Med J* 2:409-12, 25 May 74
- Thyroiditis and giant-cell arteritis. Thomas RD, et al. *Br Med J* 2:408-9, 25 May 74
- Editorial: Children with jaundice. *Br Med J* 2:573-4, 15 Jun 74
- The 1972 annual meeting of the American Rheumatism Association. Jasin HE, et al. *Bull Rheum Dis* 23:708-11, 1972 (23 ref.)
- Letter: Reaction to acetaminophen. MacKinnon H, et al. *Can Med Assoc J* 110:1237-39, 8 Jun 74
- Combination chemotherapy of Hodgkin's disease. Nison DW, et al. *Cancer* 33:1499-504, Jun 74
- Chromosomes and causation of human cancer and leukemia. IX. Prognostic and therapeutic value of chromosomal findings in acute myeloblastic leukemia. Sakurai M, et al. *Cancer* 33:1548-57, Jun 74
- Combination chemotherapy with adriamycin (NSC-123127) in metastatic mammary carcinoma. Brambilla C, et al. *Cancer Chemother Rep* 58:251-3, Mar-Apr 74
- Selection of patients for cromolyn therapy. Toogood JH. *Clin Pediatr (Phila)* 13:428-31, May 74
- Asthma. Panel discussion. Question and answer session. *Clin Pediatr (Phila)* 13:432-5, May 74
- Numerical taxonomic analysis of cirrhosis. II. Clinical significance of classifications. Winkel P, et al. *Comput Biomed Res* 7:117-26, Apr 74
- Sarcoidosis. Klokke AH. *Dermatologica* 148:60, 1974
- Pyoderma gangraeniosum. Wakkers-Garritsen BG. *Dermatologica* 148:57-9, 1974
- Fourteen relapses of acute lymphoblastic leukaemia in a child. Armata J, et al. *Haematologia (Budap)* 7:413-7, 1973
- Fatal herpes hepatitis associated with pemphigus vulgaris and steroids in an adult. Orenstein JM, et al. *Hum Pathol* 5:489-93, Jul 74
- Nasal congestion as a side effect of cromolyn sodium. Block SH. *J Allergy Clin Immunol* 53:243-4, Apr 74
- Systemic (allergic?) vasculitis. Claman HN, et al. *J Allergy Clin Immunol* 54:54-64, Jul 74
- Effects of glucocorticosteroids on the urinary excretion of cyclic AMP and electrolytes by asthmatic children. Coffey RG, et al. *J Allergy Clin Immunol* 54:41-53, Jul 74
- Effect of corticosteroids on exercise-induced asthma. König P, et al. *J Allergy Clin Immunol* 54:14-9, Jul 74
- Surgery in corticosteroid-dependent asthmatics. Oh SH, et al. *J Allergy Clin Immunol* 53:345-51, Jun 74
- Pulmonary infiltrates with eosinophilia. Patterson R, et al. *J Allergy Clin Immunol* 53:245-55, Apr 74
- Grand rounds: Intraperitoneal infection and emergency operation in patients on long-term corticosteroid therapy. Oldfather T, et al. *J Ky Med Assoc* 72:280-2, May 74
- Inflammatory sub-glottic stenosis. Croft CB, et al. *J Laryngol Otol* 88:479-82, May 74
- Effect of chemotherapy with cyclophosphamide on the buoyant density separation and volume distributions of lymphocytes in chronic lymphocytic leukemia and lymphosarcoma. Zucker RM, et al. *J Natl Cancer Inst* 52:1691-7, Jun 74
- Editorial: Focus on cutaneous host-defense failure in transplant recipients. Hersh EM, et al. *JAMA* 229:457-8, 22 Jul 74
- Goodpasture syndrome with recovery after renal failure. Strauch BS, et al. *JAMA* 229:444, 22 Jul 74
- Idiopathic membranous nephropathy in children. Olbing H, et al. *Kidney Int* 3:381-90, Jun 73
- The medical and surgical treatment of nasal polyps. Myers D, et al. *Laryngoscope* 84:833-47, May 74
- Assessment of activity in chronic active liver disease. Serum bile acids compared with conventional tests and histology. Korman MG, et al. *N Engl J Med* 290:1399-402, 20 Jun 74
- Letter: Calcitonin in steroid-induced osteoporosis. Palmieri GM, et al. *N Engl J Med* 290:1490-1, 27 Jun 74
- Sex, ascites and alcoholism in survival of patients with cirrhosis. Effect of prednisone. *N Engl J Med* 291:271-3, 8 Aug 74
- Reduced susceptibility to scrapie in mice after steroid administration. Outram GW, et al. *Nature* 249:855-6, 28 Jun 74
- Chronic meningitis caused by *Propionibacterium* *acnes*. A potentially important clinical entity. French RS, et al. *Neurology (Minneapolis)* 24:624-8, Jul 74
- Postpubertal adrenogenital syndrome. Treatable cause of infertility. Grayzel EF. *NY State J Med* 74:1038-9, Jun 74
- A controlled trial of beclomethasone dipropionate in asthma. Holst PE, et al. *NZ Med J* 79:769-73, 27 Mar 74
- Combination chemotherapy in disseminated carcinoma of the breast. Stutz FH, et al. *Oncology* 29:139-46, 1974
- Treatment of childhood nephrotic syndrome with Imuran. Alatas H, et al. *Paediatr Indones* 12:363-71, Sep 72
- Diphenylhydantoin-induced hepatic necrosis. Dhar GJ, et al. *Postgrad Med* 56:128-34, Jul 74
- Multiple myeloma. II. The value of melphalan. Bernard DB, et al. *S Afr Med J* 48:1026-8, 18 May 74
- Local experience in the treatment of acute non-lymphoblastic leukaemia. Bezwoda WR, et al. *S Afr Med J* 48:963-7, 11 May 74
- Letter: Treatment of tuberculosis in children. *S Afr Med J* 48:897-8, 4 May 74
- Depletion of thymus dependent lymphocytes in Hodgkin's disease. Andersen E. *Scand J Haematol* 12:263-9, 1974
- Cyclic thrombocytopenia. Case report and review of literature. Cohen T, et al. *Scand J Haematol* 12:9-17, 1974
- Tetracycline-induced immune hemolytic anemia. Wenz B, et al. *Transfusion* 14:265-9, May-Jun 74
- A controlled trial of anticoagulants in cadaveric renal transplantation. Barnes AD, et al. *Transplantation* 17:491-4, May 74
- Histiocytic medullary reticulosis. Clinical and pathological studies in Uganda. Amsel S, et al. *Trop Geogr Med* 26:31-8, Mar 74
- Testicular involvement in plasma-cell leukemia. Andaloro VA JR, et al. *Urology* 3:636-8, May 74
- Medical grand rounds from the West Virginia University Medical Center. 2. Subacute thyroiditis. *W Va Med J* 70:138-9, Jun 74

- [Sclerodema adutorum (Buschke) in children] Pfenosil J, et al.
 [Letter: Prednisone treatment of breast cancer with metastases] Billund JK.
 Ugeskr Laeger 136:1306, 10 Jun 74 (Dan)
 [Beclomethasone dipropionate aerosol (Becotide) in severe bronchial asthma] Bruun E, et al.
 Ugeskr Laeger 136:1179-81, 27 May 74 (Eng. Abstr.) (Dan)
 [Anaphylactoid purpura. Report of a case with fulminating course and microangiopathic hemolytic anemia] Laursen B, et al.
 Ugeskr Laeger 136:1158-61, 20 May 74 (Eng. Abstr.) (Dan)
 [Histiocytic reticulosis with rapidly fatal development in an African] Marchand JP, et al.
 Bull Soc Med Afr Noire Lang Fr 19:33-5, 1974 (Eng. Abstr.) (Fre)
 [Polymyalgia rheumatica (comprehensive review)] Vojtisek O, et al.
 Fysiater Reumatol Vestn 51:193-8, Aug 73 (Eng. Abstr.) (Fre)
 [Letter: Unusual inflammation after subtotal thyroidectomy for toxic multinodular goiter. Thyroiditis?] Bricaire H, et al.
 Nouv Presse Med 3:751-2, 23 Mar 74 (Fre)
 [Hepatic peliosis: possible etiologic role of medication] Delage C, et al.
 Union Med Can 102:1888-93, Sep 73 (Eng. Abstr.) (Fre)
 [Meningitis due to *Listeria monocytogenes*. Presentation of a case and literature review] Houde M, et al.
 Union Med Can 103:1701-5, Aug 73 (Eng. Abstr.) (Fre)
 [Detection of antibodies to soluble nucleoprotein and to deoxyribonucleic acid using a radioimmunologic method] Robitaille P.
 Union Med Can 103:691-8, Apr 74 (Eng. Abstr.) (Fre)
 [Hair cell leukaemia clinical, light- and electronmicroscopical findings (author's transl)] Düllmann J, et al.
 Dtsch Med Wochenschr 99:859-63, 26 Apr 74 (Eng. Abstr.) (Ger)
 [IgM paraproteinaemia in lymphoblastic lymphosarcoma in a child (author's transl)] Karitzky D, et al.
 Dtsch Med Wochenschr 99:954-7, May 74 (Eng. Abstr.) (Ger)
 [Acute renal failure after massive myolysis in pseudomyopathic polymyositis (author's transl)] Korz R, et al.
 Dtsch Med Wochenschr 99:1084-7, 17 May 74 (Eng. Abstr.) (Ger)
 [Malabsorption syndrome and intestinal pseudoobstruction in primary vascular and heart amyloidosis] Schulz HJ, et al.
 Dtsch Z Verdau Stoffwechselkr 33:233-44, 1973 (Ger)
 [Chemotherapy of lymphogranulomatosis] Schmidt CG. Internist (Berlin) 15:93-102, Feb 74 (Ger)
 [Some aspects of idiopathic hemosiderosis of the lungs (author's transl)] Braun OH, et al.
 Klin Paediatr 186:14-22, Jan 74 (Eng. Abstr.) (Ger)
 [Cellular immune reactions towards homologous liver-specific antigens (HLP) in chronic inflammatory liver diseases (author's transl)] Meyer zum Büschenfelde, et al.
 Klin Wochenschr 52:246-8, 1 Mar 74 (Eng. Abstr.) (Ger)
 [Macromolecular glycoproteins in gastric fluid and gastric mucus during the influence of cortisone-derivatives (author's transl)] Kuhn D. Med Klin 69:894-8, 19 Apr 74 (Eng. Abstr.) (Ger)
 [Cooper's combination chemotherapy of metastasizing breast carcinomas] Kalck G van, et al.
 Verh Dtsch Ges Inn Med 79:1371-3, 1973 (Ger)
 [Childhood hypoglycemia with convulsions] Fischer HU, et al. Z Aerztl Fortbild (Jena) 68:2-7, Jan 74 (Ger)
 [Intrahepatic cholestasis following ovariectomy] Kraatz G, et al.
 Z Aerztl Fortbild (Jena) 67:1194-6, 1 Dec 73 (Ger)
 [Modern treatment of adult acute non-lymphocytic leukemia] Mintz U, et al.
 Harefuah 86:255-8, 1 Mar 74 (Heb)
 [Effects of antilymphocytic globulin on the histo-immunological lesions and on the clinical aspect of glomerular nephropathy in adults] Vangelista A, et al. Minerva Nefrol 20:236-42, Jul-Oct 73 (Ita)
 [Subacute non-purulent thyroiditis] Janeczko J, et al. Pol Tyg Lek 30:937-9, 3 Jun 74 (Eng. Abstr.) (Pol)
 [Case of follicular mucinosis] Raszeja-Kotelba B, et al.

- Przegl Dermatol 60:243-6, Mar-Apr 73 (Eng. Abstr.) (Pol)
 [Diagnostic difficulties in Besnier-Boeck-Schaumann disease] Dybek M.
 Wlad Lek 27:151-2, 15 Jan 74 (Eng. Abstr.) (Pol)
 [Case of immunothrombocytopenia with hypersensitivity to various drugs] Dyk T, et al.
 Wlad Lek 27:535-8, 15 Mar 74 (Eng. Abstr.) (Pol)
 [Therapeutic difficulties in chronic active hepatitis in a 12-year-old girl] Sliwa F, et al.
 Wlad Lek 27:657-62, Apr 74 (Eng. Abstr.) (Pol)
 [Painful ophthalmoplegia. Report of 3 cases] Perpétuo FO.
 Arq Neuropsiquiatr 32:56-60, Mar 74 (Eng. Abstr.) (Por)
 [Indications, method and effectiveness of immunosuppressive treatment in chronic active hepatopathies. I. Changes in the general dynamics of the disease. II. Slowing-down of the chronicization process] Nicolaescu T, et al.
 Med Interna (Bucur) 26:453-64, Apr 74 (Eng. Abstr.) (Rum)
 [Indications, method and effectiveness of immunosuppressive treatment in chronic active hepatopathies. 3. Evolution of the immunologic picture. IV. Improvement of the functional parameters] Nicolaescu T, et al.
 Med Interna (Bucur) 26:465-78, Apr 74 (Eng. Abstr.) (Rum)

PREGNANETRIOL

BLOOD

- Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia. Reschini E, et al. Clin Endocrinol (Oxf) 3:209-13, Apr 74
 Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. Laatikainen TJ, et al. J Clin Invest 53:1709-15, Jun 74

URINE

- Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia. Reschini E, et al. Clin Endocrinol (Oxf) 3:209-13, Apr 74
 Urinary excretion of steroids in a case of hydatidiform mole with ascites. Moneta E, et al. Obstet Gynecol 44:47-52, Jul 74
 [Qualitative and quantitative analysis of 17-ketosteroids and 20-hydroxy-21-deoxysteroids in urine by gas-liquid chromatography and mass spectrum analysis] Desgres J, et al. Clin Chim Acta 52:381-405, 17 May 74 (Eng. Abstr.) (Fre)
 [Urinary steroid excretion in obese children] Haberfeilner H, et al.
 Wien Med Wochenschr 124:437-42, 6 Jul 74 (Ger)
 [Metabolism of estrogens in the adrenogenital syndrome] Serrera Contreras JL.
 Rev Iber Endocrinol 21:217-38, May 74 (Eng. Abstr.) (Spa)

TRIAMCINOLONE

ADMINISTRATION & DOSAGE

- Recent therapeutic advances for common cutaneous problems. Zuehlke RL.
 Am Fam Physician 9:70-4, Jun 74
 [Evaluation of aerosol dispersions in inflammatory skin diseases] Melchior M, et al.
 Cesk Dermatol 49:88-95, Apr 74 (Eng. Abstr.) (Cze)

ADVERSE EFFECTS

- [Local dermatological complications secondary to corticosteroid injections] Rimbaud P, et al.
 Nouv Presse Med 3:665-8, 16 Mar 74 (Fre)
 [Cortisone-myopathy] Kaiser H.
 Verh Dtsch Ges Rheumatol 3:269-71, 1974 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

- Effect of triamcinolone treatment, starvation and diabetes on rat liver protein kinase activity. Gorin E, et al. Biochim Biophys Acta 343:510-8, 24 May 74
 Fructose-1,6-diphosphatase from rat liver. Purification

- and properties. Traniello S.
Biochim Biophys Acta 341:129-37, 21 Mar 74
 Induction of tyrosine aminotransferase by
 triamcinolone during rat liver development in vitro.
 Luppi B, et al. *Dev Biol* 33:482-6, Aug 73
 [Intestinal lipodystrophy (Wipple's disease). Report of
 a case with nearly fatal outcome (author's transl)]
 Göbel D.
Leber Magen Darm 4:117-21, May 74 (Eng. Abstr.)
 (Ger)

THERAPEUTIC USE

- The idiopathic nephrotic syndrome of childhood. A
 clinical reevaluation of 148 cases. Makker SP, et al.
Am J Dis Child 127:830-7, Jun 74
 The urinary metabolite of the catecholamines in
 asthma; its relation to the administration of
 corticosteroid hormones. Vaccarezza JR, et al.
Ann Allergy 33:11-5, Jul 74
 The role of steroids in prevention of circumferential
 capsular scarring in augmentation mammoplasty.
 Peterson HD, et al. *Plast Reconstr Surg* 54:28-30, Jul 74
 [Intestinal lipodystrophy (Wipple's disease). Report of
 a case with nearly fatal outcome (author's transl)]
 Göbel D.
Leber Magen Darm 4:117-21, May 74 (Eng. Abstr.)
 (Ger)
 [Combined corticosteroid and synthetic depot ACTH
 therapy in chronic obstructive ventilation disorders]
 Cegla UH, et al.
Verh Dtsch Ges Inn Med 79:891-4, 1973 (Ger)

TRIAMCINOLONE ACETONIDE

ADMINISTRATION & DOSAGE

- Recent therapeutic advances for common cutaneous
 problems. Zuehlke RL.
Am Fam Physician 9:70-4, Jun 74
 [Diagnosis and treatment of psoriasis unguis et
 arthropatica] Duchková H, et al.
Cesk Dermatol 49:167-71, Jun 74 (Eng. Abstr.) (Cze)

- [Intra-articular treatment using triamcinolone
 acetonide] Vojtěšek O, et al.
Fysiatr Reumatol Vestn 52:117-22, Apr 74 (Eng.
 Abstr.) (Cze)
 [Comparative clinical trials of three topical
 preparations in various forms of eczema] Weitgasser
 N. *Hautarzt* 24:555-8, Dec 73 (Ger)

PHARMACODYNAMICS

- Release of neutral protease and beta-glucuronidase
 from human neutrophils in the presence of cartilage
 treated with various immunologic reactants. Ignarro
 LJ. *J Immunol* 113:298-308, Jul 74

THERAPEUTIC USE

- Recent therapeutic advances for common cutaneous
 problems. Zuehlke RL.
Am Fam Physician 9:70-4, Jun 74
 The medical and surgical treatment of nasal polyps.
 Myers D, et al. *Laryngoscope* 84:833-47, May 74
 Oral psoriasis. Salmon TN, et al.
Oral Surg 32:48-54, Jul 74
 [Diagnosis and treatment of psoriasis unguis et
 arthropatica] Duchková H, et al.
Cesk Dermatol 49:167-71, Jun 74 (Eng. Abstr.) (Cze)
 [Comparative clinical trials of three topical
 preparations in various forms of eczema] Weitgasser
 N. *Hautarzt* 24:555-8, Dec 73 (Ger)
 [Comparative studies with Halcinonide and
 fluocortolone in local administration] Reinhard W, et
 al. *Z Hautkr* 49:267-72, 1 Apr 74 (Ger)
 [Treatment of certain dermatoses with aerosols of
 Polish manufacture] Butov IuS, et al.
Vestn Dermatol Venerol 48:75-8, May 74 (Rus)
 [Use of kenakort and kenacomb in the therapy of
 certain dermatoses] Vladimirov VV, et al.
Vestn Dermatol Venerol 48:78-80, May 74 (Eng. Abstr.)
 (Rus)

ADRENAL

IV. Related Topics

AMINOGLUTETHIMIDE

ADMINISTRATION & DOSAGE

Effects of inhibition of steroid biosynthesis on the lymphoid system. Morales A, et al.
Invest Urol 12:54-6, Jul 74

CHEMICAL SYNTHESIS

Analogues of the abortifacient aminoglutethimide. Paul R, et al. J Med Chem 17:539-41, May 74

PHARMACODYNAMICS

A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al.
Biochem Biophys Res Commun 58:983-9, 18 Jun 74
Effect of "medical" and surgical adrenalectomy on the ventral prostate and other accessory sex glands of the male rat. Mobbs BG, et al. Can J Surg 17:162-6, May 74
Subcellular localization of adrenal cholesterol by autoradiography and digitonin reaction after aminoglutethimide-induced inhibition of corticosterone synthesis. Szabó D, et al.
Histochemie 38:213-21, 6 Mar 74
Effects of inhibition of steroid biosynthesis on the lymphoid system. Morales A, et al.
Invest Urol 12:54-6, Jul 74
Mitochondrial cytochrome p450. A component of chick kidney 25-hydrocholecalciferol-1 α -hydroxylase. Ghazarian JG, et al. J Clin Invest 53:3026-33, Jun 74
Proceedings: Effects of aminoglutethimide and SU 10'603 on the biosynthesis of C19 steroids. Lyne C, et al. J Endocrinol 61:xvixvii, Apr 74
Analogues of the abortifacient aminoglutethimide. Paul R, et al. J Med Chem 17:539-41, May 74
Adrenal function and macromolecular transport across rat intestine. Nutr Rev 32:185-8, Jun 74 (12 ref.)

THERAPEUTIC USE

Multiple hormones in a bronchial tumor. Rees LH, et al.
J Clin Endocrinol Metab 38:1090-7, Jun 74

DDD

ANALYSIS

Dietary intake of pesticide chemicals in the United States. 3. June 1968--April 1970. Duggan RE, et al.
Pestic Monit J 5:331-41, Mar 72
Pesticide residues in onions and soil--1969. Wiersma GB, et al. Pestic Monit J 5:345-7, Mar 72
Limited accumulation of DDT in eggs, fat and livers of Japanese quail. McBlain WA, et al.
Poult Sci 53:84-8, Jan 74

METABOLISM

Limited accumulation of DDT in eggs, fat and livers of Japanese quail. McBlain WA, et al.
Poult Sci 53:84-8, Jan 74

PHARMACODYNAMICS

DDT and related substances on myelinated nerve: effects on permeability properties. Arhem P, et al.
Acta Physiol Scand 91:130-2, May 74
The effect of 1-(o-chlorophenyl)-1-(p-chlorophenyl)-2,2-dichloroethane(o,p'-DDD) on the immune response in malnutrition. Hamid J, et al.
Br J Exp Pathol 55:94-100, Feb 74

THERAPEUTIC USE

[Letter to the editor] Komissarenko VP.
Klin Med (Mosk) 51:143-4, Sep 73 (Rus)

METYRAPONE

Pseudomonas putida cytochrome P-450. Binding of a spin-labeled analog of the inhibitor metyrapone. Griffin BW, et al.
Arch Biochem Biophys 160:323-32, Jan 74

DIAGNOSTIC USE

Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al.
J Clin Endocrinol Metab 38:1083-9, Jun 74
[Study of the pituitary corticotropin reserve with metyrapone in subjects treated with a steroid association and with the single components] Balestreri R, et al.
Folia Endocrinol (Roma) 27:168-78, Apr 74 (Eng. Abstr.) (Ita)
Paradoxical response to dexamethasone. A contribution to the differential diagnosis of adrenal hyperfunction? Serrera Contreras JL, et al.
Rev Iber Endocrinol 21:127-48, Mar-Apr 74 (Eng. Abstr.) (Spa)

PHARMACODYNAMICS

The cell-types in the adenohipophysis of the Indian catfish Heteropneustes fossilis (Bloch). Baker BI, et al. Cell Tissue Res 148:347-58, 30 Apr 74
Mitochondrial cytochrome p450. A component of chick kidney 25-hydrocholecalciferol-1 α -hydroxylase. Ghazarian JG, et al. J Clin Invest 53:3026-33, Jun 74
Adrenal function and macromolecular transport across rat intestine. Nutr Rev 32:185-8, Jun 74 (12 ref.)
[Effect of DOPA and metopirone on the monamine oxidase activity and catecholamine and ascorbic acid content in guinea pig tissues] Lokoshko EA.
Ukr Biokhim Zh 46:384-8, May-Jun 74 (Eng. Abstr.) (Ukr)

TOXICITY

Gonitrogenic action of some anti-adrenal drugs (metopirone-dexamethasone) in the hedgehog, Hemiechinus auritus Collaris. Dixit VP, et al.
Indian J Exp Biol 11:566-7, Nov 73

PITUITARY-ADRENAL SYSTEM

Hypothalamic serotonin content and pituitary-adrenal function following hypothalamic deafferentation. Vermes I, et al.
Acta Physiol Acad Sci Hung 43:239-45, 1973
Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. Daly JR, et al.
Br Med J 2:521-4, 8 Jun 74
Application of the cytochemical bioassay for corticotrophin to clinical and physiological studies in man. Daly JR, et al.
Clin Endocrinol (Oxf) 3:335-45, Jul 74
Trilabeled corticosteroid metabolism in intact and adenohipophysectomized ducks (Anas platyrhynchos). Holmes WN, et al.
Gen Comp Endocrinol 22:417-27, Apr 74
Effects of "hypophysectomy" by surgical decapitation on histochemically demonstrable peroxidase activity in the thyroid gland of the developing chick embryo. Thommes RC, et al.
Gen Comp Endocrinol 23:52-7, May 74
Modulatory influences of central nervous structures on pituitary-adrenocortical activity: effect of chronic deafferentation of the hypothalamus in the pigeon. Bouillé C, et al. J Physiol (Paris) 66:437-46, 1973

- Riboflavin and adrenal cortex.
Nutr Rev 31:95-6, Mar 73 (6 ref.)
- Effects of light environment on emotionality and endocrine system of inbred mice. Mos L, et al. *Physiol Behav* 12:981-9, Jun 74
- Alteration of pituitary-adrenal dynamics induced by a water deprivation regimen. Sakellaris PC, et al. *Physiol Behav* 12:1067-70, Jun 74
- Pituitary-adrenal function in adult androgenized female rats. Dunn JD.
Proc Soc Exp Biol Med 146:75-7, May 74
- [Effect of propranolol on the function of the hypothalamo-pituitary-adrenal system in normal and obese subjects during insulin test of hypoglycemia] Balestreri R, et al.
Arch E Maragliano Patol Clin 29:15-35, Jan 73 (Eng. Abstr.) (Ita)
- [Activity of the diencephalo-hypophysial-adrenal axis in the Langdon-Down syndrome] Saba P, et al.
Folia Endocrinol (Roma) 27:224-32, Apr 74 (Eng. Abstr.) (Ita)
- [Functional exploration of the hypothalamo-pituitary-adrenal cortex system in the chronic form of Chagas' disease] Kimachi T, et al.
Rev Assoc Med Bras 20:57-66, Feb 74 (Eng. Abstr.) (Por)
- [Effect of electric stimulation of different parts of hypothalamus of rats on functional activity of the hypophyseal-adrenocortical system] Konovalova LK.
Probl Endokrinol (Mosk) 20:58-62, Mar-Apr 74 (Eng. Abstr.) (Rus)

DRUG EFFECTS

- Proceedings: Pituitary-adrenocortical function in the reserpine-treated rat. Hodges JR, et al.
J Endocrinol 61:xxvi, Apr 74
- Plasma free fatty acids, serum cortisol and circulatory response to insulin in acute schizophrenic men. Franzén G. *Psychiatr Clin (Basel)* 5:201-8, 1972
- [Comparative pharmacological effect on some reactive links in the body of experimental animals] Neshev G. *Eksp Med Morfol* 13:50-4, 1974 (Eng. Abstr.) (Bul)
- [Effect of propranolol on the function of the hypothalamo-pituitary-adrenal system in normal and obese subjects during insulin test of hypoglycemia] Balestreri R, et al.
Arch E Maragliano Patol Clin 29:15-35, Jan 73 (Eng. Abstr.) (Ita)
- [Function of the genital system and its effect on the pituitary-adrenal complex in male white rats in groups and in isolation] Naumova EV, et al.
Zh Obshch Biol 35:440-7, May-Jun 74 (Eng. Abstr.) (Rus)

RENIN

ADVERSE EFFECTS

- The evolution of acute hypertensive arterial disease. Byrom FB.
Prog Cardiovasc Dis 17:31-7, Jul-Aug 74 (29 ref.)
- Renin and aldosterone and the pathogenesis of hypertensive vascular damage. Gavras H, et al.
Prog Cardiovasc Dis 17:39-49, Jul-Aug 74 (65 ref.)

ANALYSIS

- Pressor activity in bovine kidney homogenate: enhancement by cadmium and zinc ions. Maler GD, et al. *Arch Environ Health* 29:110-4, Aug 74
- Hypertension-1974. Cohn JN.
Arch Intern Med 133:911-3, Jun 74
- Comparative studies of the juxtaglomerular apparatus. Sokabe H, et al. *Int Rev Cytol* 37:271-327, 1974
- Flank pain and hematuria in a young man with renal artery arteriosclerosis: remission of symptoms during administration of dipyridamole. Howenstine JA, et al. *J Urol* 112:13-5, Jul 74
- The transcellular fluid forming factor and renin in the kidney of hypertensive or salt-loaded rats. Hiramatsu Y, et al. *Jap Circ J* 37:1433-7, Dec 73
- Effect of renin immunization on mercuric chloride and glycerol-induced renal failure. Flamenbaum W, et al. *Kidney Int* 1:406-12, Jun 72
- Enzyme activities of the single juxtaglomerular apparatus in the rat kidney. Granger P, et al. *Kidney Int* 1:78-88, Feb 72
- Effect of reserpine on the juxtaglomerular granular

- cells and renal nerves. Silverman AJ, et al.
Lab Invest 30:723-31, Jun 74
- [Indication for surgical treatment of hypertension in patients with renal artery stenosis] Lohmann FW.
Med Welt 25:542-5, 29 Mar 74 (Ger)
- [Studies on renin concentration and on granulopoiesis in cells of the juxtaglomerular apparatus in perinatal time] Brühl U, et al.
Verh Anat Ges 67:151-8, 1972 (Eng. Abstr.) (Ger)
- [Renin-angiotensin system in persisting orthostatic hypotension following guanaciline] Wende W, et al.
Verh Dtsch Ges Inn Med 79:752-4, 1973 (Ger)
- [Combined laboratory rotary vacuum evaporator and lyophilizer] Rodionov IuA, et al.
Lab Delo 5:317-8, 1974 (Rus)

ANTAGONISTS & INHIBITORS

- Pressor activity in bovine kidney homogenate: enhancement by cadmium and zinc ions. Maler GD, et al. *Arch Environ Health* 29:110-4, Aug 74
- Letter: New pepstatins, pepstatins Bu, Pr and Ac produced by *Streptomyces*. Aoyagi T, et al.
J Antibiot (Tokyo) 26:539-41, Sep 73
- Letter: Hydroxyepstatin, a new peptatin produced by *Streptomyces*. Umezawa H, et al.
J Antibiot (Tokyo) 26:615-7, Oct 73
- Proceedings: Peptide antagonists of the renin-angiotensin system and the elucidation of the receptors for angiotensin-induced drinking. Epstein N, et al. *J Physiol (Lond)* 238:34P-35P, Apr 74
- Suppression of plasma renin activity by propranolol: correlation with plasma propranolol levels. Forman BH, et al. *Proc Soc Exp Biol Med* 146:530-3, Jun 74
- [Is essential hypertension still a disease entity? Definition of hyporeninemic hypertension] Distler A.
Internist (Berlin) 15:146-54, Mar 74 (Ger)

BIOSYNTHESIS

- Effect of reserpine on the juxtaglomerular granular cells and renal nerves. Silverman AJ, et al.
Lab Invest 30:723-31, Jun 74

BLOOD

- Adrenal contribution to plasma oestrogens in adrenal disorders. Yuen BH, et al.
Acta Endocrinol (Kbh) 76:117-26, May 74
- Renal vein native plasma pressor activity. Debreczeni LA, et al. *Acta Med Acad Sci Hung* 30:271-6, 1973
- Plasma renin and angiotensin I converting enzyme activity in anaphylactic shock. Igic R, et al.
Acta Med Jugosl 28:177-81, 1974
- The effect of propranolol on plasma renin activity and blood pressure in mild essential hypertension. Hansson L, et al. *Acta Med Scand* 195:397-401, May 74
- "Malignant" hypertension resulting from atheromatous embolization predominantly of one kidney. Dalakos TG, et al. *Am J Med* 57:135-8, Jul 74
- Plasma renin activity (PRA) and some fluid equilibrium values in recumbent and upright positions in non-pregnant women and in normal and complicated term pregnancy. Ylikorkala O, et al.
Ann Chir Gynaecol Fenn 63:39-42, 1974
- Renin: A risk factor for cardiovascular disease? Christlieb AR, et al. *Ann Intern Med* 81:7-10, Jul 74
- Malignant hypertension: kidneys too good to be extirpated. Mroczek WJ.
Ann Intern Med 80:754-7, Jun 74 (39 ref.)
- Renal and renovascular hypertension. A reasoned approach to diagnosis and management. Hunt JC, et al.
Arch Intern Med 133:988-99, Jun 74
- Hypertension in chronic renal failure. Treatment with hemodialysis and nephrectomy. Lazarus JM, et al.
Arch Intern Med 133:1059-66, Jun 74 (76 ref.)
- Prazosin: preliminary report and comparative studies with other antihypertensive agents. Stokes GS, et al.
Br Med J 2:298-300, 11 May 74
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Berger VM, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. Vetter H, et al. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
- Comparison of the renin response to dopamine and noradrenaline in normal subjects and patients with autonomic insufficiency. Wilcox CS, et al.
Clin Sci Mol Med 46:481-8, Apr 74
- Pharmacodynamic properties of beta-adrenergic

- receptor blocking drugs in man. Gibson DG. *Drugs* 7:8-38, 1974 (170 ref.)
- Plasma renin activity and aldosterone concentration of patients with hyperthyroidism and hypothyroidism. Ogiwara T, et al. *Endocrinol Jap* 20:433-7, Oct 73
- Relationship between plasma concentrations of angiotensin I, angiotensin II and plasma renin activity during cardio-pulmonary bypass in man. Favre L, et al. *Eur J Clin Invest* 4:135-40, Apr 74
- Extraction and production of renin and angiotensin II across several vascular beds in dogs. Fagard R, et al. *Experientia* 30:598-600, 15 Jun 74
- Plasma renin activity after the use of a new beta-adrenergic blocking agent (I.C.I. 66,032). Aberg H. *Int J Clin Pharmacol* 9:98-100, Mar 74
- Editorial: Reninism.
- J Assoc Physicians India 21:710-2, Aug 73
- Regulation of aldosterone in the syndrome of inappropriate antidiuretic hormone secretion (SIADH). Fichman MP, et al.
- J Clin Endocrinol Metab 39:136-44, Jul 74
- Proceedings: Effects of hypoxia on maternal and foetal renin and angiotensin II in sheep. Pipkin FB, et al. *J Physiol (Lond)* 238:67P-68P, Apr 74
- Effect of renin immunization on mercuric chloride and glycerol-induced renal failure. Flamenbaum W, et al. *Kidney Int* 1:406-12, Jun 72
- The renin system: Variations in man measured by radioimmunoassay or bioassay. Sealey JE, et al. *Kidney Int* 1:240-53, Apr 72
- Use of ventriculo-cisternal perfusion in conscious sheep. Mouw DR, et al. *Lab Anim Sci* 24:505-9, Jun 74
- Therapeutic alternatives in hypertension. Brest AN, et al. *Lab Invest* 29:491-4, Oct 73 (15 ref.)
- Effect of reserpine on the juxtaglomerular granular cells and renal nerves. Silverman AJ, et al. *Lab Invest* 30:723-31, Jun 74
- Letter: Hypertension and hydronephrosis. Simon NM, et al. *N Engl J Med* 290:1381, 13 Jun 74
- The influence of renin on the intrarenal distribution of blood flow and autoregulation. Brech WJ, et al. *Nephron* 12:44-58, 1974
- Use of metolazone, a new diuretic, in patients with renal disease. Craaswell PW, et al. *Nephron* 12:63-73, 1974
- A study of the renin-angiotensin system in the nephrotic syndrome. Medina A, et al. *Nephron* 12:233-40, 1974
- The nature of pressor responsiveness to angiotensin II in human pregnancy. Gant NF, et al. *Obstet Gynecol* 43:854, Jun 74
- The renin-angiotensin system in the fetal lamb. Smith FG Jr, et al. *Pediatr Res* 8:611-20, Jun 74
- Disturbances of the control of renin secretion in chronic one-kidney-Goldblatt hypertension in the rat. Helmchen U, et al. *Pfluegers Arch* 348:197-204, 22 Apr 74
- Effects of positive and negative pressure breathing on plasma renin concentration in the dog. Ziegler M, et al. *Pfluegers Arch* 348:185-96, 22 Apr 74
- Renin-angiotensin activation in hyperacute renal xenograft rejection. Belitsky P, et al. *Proc Soc Exp Biol Med* 145:1192-6, Apr 74
- Suppression of plasma renin activity by propranolol: correlation with plasma propranolol levels. Forman BH, et al. *Proc Soc Exp Biol Med* 146:530-3, Jun 74
- Effect of intermittent electric shock on plasma renin activity in rats. Leenen FH, et al. *Proc Soc Exp Biol Med* 146:534-8, Jun 74
- Renin and aldosterone and the pathogenesis of hypertensive vascular damage. Gavras H, et al. *Prog Cardiovasc Dis* 17:39-49, Jul-Aug 74 (65 ref.)
- Hypertension, pressor agents, and cardiovascular injury: introduction. Laragh JH. *Prog Cardiovasc Dis* 17:1-4, Jul-Aug 74
- Malignant hypertension in a patient with Conn's syndrome. Baxter RH, et al. *Scott Med J* 19:161-3, Jul 74
- Significance of altered renin substrate in the hepatorenal syndrome. Berkowitz HD, et al. *Surg Forum* 23:342-3, 1972
- Aldosterone secretion following experimental surgical trauma. Gee BR, et al. *Surg Forum* 23:56-7, 1972
- The role of the renin-angiotensin system in the aldosterone response to acute hemorrhage. Modafferi TR, et al. *Surg Forum* 23:22-3, 1972
- Chronic salt-loading of donor and recipient in renal transplantation. Silber SJ. *Surgery* 75:573-7, Apr 74
- Effect of alpha-methyl dopa and of spironolactone on angiotensin responsiveness in man. Káldor A, et al. *Ther Hung* 20:148-9, 1972
- Acute transient renin-mediated hypertension in children following urinary diversion. Belman AB, et al. *Urology* 3:693-6, Jun 74
- [31 weeks of a regime of diuretics and low-salt diets. Illustration of several unwanted side effects] François B. *Nouv Presse Med* 3:661-4, 16 Mar 74 (Fre)
- [Exchangeable sodium, total-body potassium, plasma volume, and hypotensive effect of various diuretics in patients with essential hypertension and low plasma renin level (author's transl)] Distler A, et al. *Dtsch Med Wochenschr* 99:864-9, 26 Apr 74 (Eng. Abstr.) (Ger)
- [Plasma aldosterone and renin activity in healthy subjects during sodium administration and sodium withdrawal (author's transl)] Rösaler R, et al. *Dtsch Med Wochenschr* 99:685-9, 5 Apr 74 (Ger)
- [Is essential hypertension still a disease entity? Definition of hyporeninemic hypertension] Distler A. *Internist (Berlin)* 15:146-54, Mar 74 (Ger)
- [Efficacy and limits of diagnostic procedures in hypertension] Jahnecke J. *Internist (Berlin)* 15:132-8, Mar 74 (Ger)
- [Differential therapeutic principles in the drug therapy of high blood pressure] Rahn KH. *Internist (Berlin)* 15:157-64, Mar 74 (Ger)
- [Primary hypo- and hyperreninism] Werning C. *Internist (Berlin)* 15:174-6, Mar 74 (21 ref.) (Ger)
- [Plasma renin and plasma aldosterone following kidney allotransplantation] Beckerhoff R, et al. *Verh Dtsch Ges Inn Med* 79:757-9, 1973 (Ger)
- [High-dose spironolactone therapy in essential hypertension patients with low plasma renin] Distler A, et al. *Verh Dtsch Ges Inn Med* 79:770-3, 1973 (Ger)
- [Renin activity in renal vein blood and its stimulation by various drugs] Klumpp F, et al. *Verh Dtsch Ges Inn Med* 79:767-70, 1973 (Ger)
- [Plasma renin concentration during hypokalemia induced by pneumoencephalography] Krause DK, et al. *Verh Dtsch Ges Inn Med* 79:754-7, 1973 (Ger)
- [Plasma aldosterone and plasma renin activity during hemodialysis] Vetter W, et al. *Verh Dtsch Ges Inn Med* 79:763-7, 1973 (Ger)
- [Present trends in the diagnosis of primary hyperaldosteronism] Ripa R. *G Ital Cardiol* 4:270-6, 1974 (72 ref.) (Ita)
- [Behavior of intradialysis curves of the PRA (Plasma Renin Activity) in a group of uremic patients during a periodic hemodialysis treatment] Farinelli A, et al. *Minerva Nefrol* 20:376-89, Nov-Dec 73 (Ita)
- [Primary- and secondary aldosteronism and electrolyte (author's transl)] Yamamoto T, et al. *Jap J Clin Pathol* 22:106-10, Feb 74 (Jap)
- [Measurement of plasma renin activity by angiotensin I radioimmunoassay] Ogiwara T, et al. *Jap J Nucl Med* 10:555-63, Dec 73 (Eng. Abstr.) (Jap)
- [Neurohumoral aspects of myocardial infarct and its complications] Malala IT, et al. *Kardiologia* 14:39-47, Apr 74 (Eng. Abstr.) (Rus)
- [Urinary aldosterone excretion, plasma renin activity and certain indicators of potassium and sodium metabolism in patients with congenital virilizing hyperplasia of the adrenal cortex] Egart FM, et al. *Probl Endokrinol (Mosk)* 20:42-7, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Surgical treatment of vasorenal hypertension] Spiridonov AA, et al. *Vestn Akad Med Nauk SSSR* 29:83-8, 1974 (Eng. Abstr.) (Rus)
- [Serum renin activity in women during the normal course of pregnancy and in late toxemias] Grishchenko VI, et al. *Pediatr Akush Ginekolog* 3:33-6, 1973 (Ukr)

METABOLISM

- Effect of intraruminal inoculation on adaptation of lambs and heifers to a high-energy ration. Huber TL. *Am J Vet Res* 35:639-41, May 74
- Effect of prazosin on blood pressure and renin release in man. Esler MD. *Clin Pharmacol Ther* 15:484-9, May 74
- Extraction and production of renin and angiotensin II across several vascular beds in dogs. Fagard R, et al. *Experientia* 30:598-600, 15 Jun 74
- Reciprocal influence of salt intake on adrenal glomerulosa and renal vascular responses to angiotensin II in normal man. Hollenberg NK, et al. *J Clin Invest* 54:34-42, Jul 74

- Proceedings: Renin and lysosomal enzyme activities in the kidney of spontaneously hypertensive rats. Saito N, et al. *Jap Heart J* 15:197-200, Mar 74
- Proceedings: Effect of calcium ion on renin release from renal cortex slices and isolated renin granules. Yamamoto K, et al. *Jap J Pharmacol* 24:Suppl:32, 1974
- Enzyme activities of the single juxtaglomerular apparatus in the rat kidney. Granger P, et al. *Kidney Int* 1:78-88, Feb 72
- Effect of reserpine on the juxtaglomerular granular cells and renal nerves. Silverman AJ, et al. *Lab Invest* 30:723-31, Jun 74
- Catecholamine metabolism in health and disease. Hoeldtke R. *Metabolism* 23:863-83, Jul 74 (216 ref.)
- Juxtaglomerular cell granulation and renal cortical renin activity in normal and adrenalectomized guinea pigs. Bucher O, et al. *Nephron* 12:178-87, 1974
- The renin-angiotensin system in the fetal lamb. Smith FG Jr, et al. *Pediatr Res* 8:611-20, Jun 74
- Saral-Ala⁸ angiotensin II blocks renin-angiotensin but not beta-adrenergic dipsogenesis. Tang M, et al. *Pharmacol Biochem Behav* 2:401-8, May 74
- [The juxtaglomerular apparatus of the kidney in diabetes insipidus (author's transl)] Sonderegger P. *Beitr Pathol* 151:361-72, Apr 74 (Eng. Abstr.) (Ger)
- [Pathophysiological aspects of hypertension (author's transl)] Thureau K. *Munch Med Wochenschr* 116:595-602, 22 Mar 74 (Eng. Abstr.) (Ger)
- [The evaluation of arterial hypertension (author's transl)] Cottier P. *Praxis* 63:605-11, 21 May 74 (Eng. Abstr.) (Ger)
- [Primary and secondary aldosteronism in hypertension] Mertz DP. *Z Allgemeinmed* 50:566-71, 30 Apr 74 (Ger)
- [Syndrome of total hypercorticism in a patient with pheochromoblastoma] Gerasimenko PP, et al. *Probl Endokrinol (Mosk)* 20:38-41, Mar-Apr 74 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

- Action of levorenline and papaverine on the local cerebral blood flow after chronic sylvian artery obstruction in the cat. Preliminary report. Capon A, et al. *Acta Neurol Belg* 73:384-8, Nov-Dec 73 (Eng. Abstr.) (Ger)
- Effect of practolol on blood pressure and renin release in man. Esler MD. *Clin Pharmacol Ther* 15:484-9, May 74
- Proceedings: Peptide antagonists of the renin-angiotensin system and the elucidation of the receptors for angiotensin-induced drinking. Epstein N, et al. *J Physiol (Lond)* 238:34P-35P, Apr 74
- Effect of renin immunization on mercuric chloride and glycerol-induced renal failure. Flamenbaum W, et al. *Kidney Int* 1:406-12, Jun 72
- Saral-Ala⁸ angiotensin II blocks renin-angiotensin but not beta-adrenergic dipsogenesis. Tang M, et al. *Pharmacol Biochem Behav* 2:401-8, May 74

PHYSIOLOGY

- Kidney function during anesthesia and hemorrhage. Deutsch S. *Int Anesthesiol Clin* 12:109-25, Spring 74 (27 ref.)
- Comparative studies of the juxtaglomerular apparatus. Sokabe H, et al. *Int Rev Cytol* 37:271-327, 1974
- Effect of renin immunization on mercuric chloride and glycerol-induced renal failure. Flamenbaum W, et al. *Kidney Int* 1:406-12, Jun 72
- The influence of renin on the intrarenal distribution of blood flow and autoregulation. Brech WJ, et al. *Nephron* 12:44-58, 1974
- Saral-Ala⁸ angiotensin II blocks renin-angiotensin but not beta-adrenergic dipsogenesis. Tang M, et al. *Pharmacol Biochem Behav* 2:401-8, May 74
- [Exchangeable sodium, total-body potassium, plasma volume, and hypotensive effect of various diuretics in patients with essential hypertension and low plasma renin level (author's transl)] Distler A, et al. *Dtsch Med Wochenschr* 99:864-9, 26 Apr 74 (Eng. Abstr.) (Ger)
- [Etiology and pathogenesis of hypertension] Ledingham JM. *Internist (Berlin)* 15:114-23, Mar 74 (Ger)
- [Kidney and hypertension (author's transl)] Truniger B. *Praxis* 63:579-83, 14 May 74 (Eng. Abstr.) (Ger)

SECRETION

- Some factors affecting the intrarenal secretion of renin in cats. Gan EK, et al. *Arch Int Physiol Biochim* 81:881-900, Dec 73
- Hypertension and the kidney. Tobian L Jr. *Arch Intern Med* 133:959-67, Jun 74 (36 ref.)
- The renin system: Variations in man measured by radioimmunoassay or bioassay. Sealey JE, et al. *Kidney Int* 1:240-53, Apr 72
- Letter: Endotoxaemia in liver disease. Wardle EN. *Lancet* 1:930-1, 11 May 74
- The influence of renin on the intrarenal distribution of blood flow and autoregulation. Brech WJ, et al. *Nephron* 12:44-58, 1974
- Disturbances of the control of renin secretion in chronic one-kidney-Goldblatt hypertension in the rat. Helmchen U, et al. *Pfluegers Arch* 348:197-204, 22 Apr 74
- The influence of ouabain on in vitro renin secretion. Lyons HJ, et al. *Proc Soc Exp Biol Med* 145:1148-50, Apr 74
- Renin and aldosterone and the pathogenesis of hypertensive vascular damage. Gavras H, et al. *Prog Cardiovasc Dis* 17:39-49, Jul-Aug 74 (65 ref.)
- [Severe hypertension with cardiac failure and nephrosclerosis after oral contraceptives (author's transl)] Girndt J, et al. *Dtsch Med Wochenschr* 99:404-7, 1 Mar 74 (Eng. Abstr.) (Ger)
- [Is essential hypertension still a disease entity? Definition of hyporeninemic hypertension] Distler A. *Internist (Berlin)* 15:146-54, Mar 74 (Ger)
- [Primary hypo- and hyperreninism] Werning C. *Internist (Berlin)* 15:174-6, Mar 74 (21 ref.) (Ger)
- [In-vitro inhibition of renin secretion by angiotensin II] Ochs HG, et al. *Med Welt* 25:939-40, 24 May 74 (Ger)
- [The Renin-Angiotensin-Aldosterone system in kidney diseases] Distler A. *Z Allgemeinmed* 50:576-9, 30 Apr 74 (Ger)

THERAPEUTIC USE

- Effect of renin immunization on mercuric chloride and glycerol-induced renal failure. Flamenbaum W, et al. *Kidney Int* 1:406-12, Jun 72

SPIRONOLACTONE

ADMINISTRATION & DOSAGE

- Spiroolactone and testicular cytochrome P-450: decreased testosterone formation in several species and changes in hepatic drug metabolism. Menard RH, et al. *Endocrinology* 94:1628-36, Jun 74
- [High-dose spironolactone therapy in essential hypertension patients with low plasma renin] Distler A, et al. *Verh Dtsch Ges Inn Med* 79:770-3, 1973 (Ger)
- [New aspects of the use of spironolactone and its association with thiazide (per os and in injections) in the treatment of grave cardiac insufficiency] Căruntu M, et al. *Med Interna (Bucur)* 26:177-88, Feb 74 (Eng. Abstr.) (Rum)
- [Diuretic treatment of hepatic cirrhosis: use of distal diuretics] Escartin Marín P, et al. *Rev Clin Esp* 132:65-70, 15 Jan 74 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

- Editorial: Gynecomastia. Hussey HH. *JAMA* 228:1423, 10 Jun 74
- [31 weeks of a regime of diuretics and low-salt diets. Illustration of several unwanted side effects] François B. *Nouv Presse Med* 3:661-4, 16 Mar 74 (Fre)

DIAGNOSTIC USE

- [Present trends in the diagnosis of primary hyperaldosteronism] Ripa R. *G Ital Cardiol* 4:270-6, 1974 (72 ref.) (Ita)

PHARMACODYNAMICS

- Sodium intake induced by aldactazide and formalin injections. Wong R, et al. *Behav Biol* 11:127-30, May 74
- Editorial: Drugs for gastric ulceration. *Br Med J* 2:186, 27 Apr 74
- Spiroolactone and testicular cytochrome P-450: decreased testosterone formation in several species

- and changes in hepatic drug metabolism. Menard RH, et al. *Endocrinology* 94:1628-36, Jun 74
- Induction of ethylmorphine demethylation and aniline p-hydroxylation by various catatoxic steroids in regenerating rat liver. Japundžić I, et al. *Eur J Biochem* 43:79-85, 15 Mar 74
- Regulation of aldosterone in the syndrome of inappropriate antidiuretic hormone secretion (SIADH). Fichman MP, et al. *J Clin Endocrinol Metab* 39:136-44, Jul 74
- Influence of aldosterone on sodium, water and potassium metabolism in chronic renal disease. Schrier RW, et al. *Kidney Int* 1:156-68, Mar 72
- Short stature, hyperkalemia and acidosis: A defect in renal transport of potassium. Spitzer A, et al. *Kidney Int* 3:251-7, Apr 73
- Protection by catatoxic steroids against the paralysis caused by combined treatment with thyroxine and methylphenidate. Selye H, et al. *Neuropharmacology* 11:693-6, Sep 72
- Effect of alpha-methyl dopa and of spironolactone on angiotensin responsiveness in man. Káldor A, et al. *Ther Hung* 20:148-9, 1972
- [Urinary excretion of sodium and potassium after administration of aldosterone antagonist (Aldactone) in newborn infants and infants] Solc J. *Cesk Pediatr* 29:206-7, Apr 74 (Eng. Abstr.) (Cze)
- [Exchangeable sodium, total-body potassium, plasma volume, and hypotensive effect of various diuretics in patients with essential hypertension and low plasma renin level (author's transl)] Distler A, et al. *Dtsch Med Wochenschr* 99:864-9, 26 Apr 74 (Eng. Abstr.) (Ger)
- [Sodium-potassium ratio and electrical potential of colon in the screening of hyperaldosteronism (author's transl)] Pessina AC, et al. *G Ital Cardiol* 4:167-72, 1974 (Eng. Abstr.) (Ita)

THERAPEUTIC USE

- Functional black adenoma of the adrenal cortex. A rare cause of primary aldosteronism. Caplan RH, et al. *Am J Clin Pathol* 62:97-103, Jul 74
- Adrenal causes of hypertension. Kaplan NN. *Arch Intern Med* 133:1001-6, Jun 74 (49 ref.)
- Renal tubular secretion of digoxin. Steinness E. *Circulation* 50:103-7, Jul 74
- Idiopathic membranous nephropathy in children. Olbing H, et al. *Kidney Int* 3:381-90, Jun 73
- Therapeutic alternatives in hypertension. Brest AN, et al. *Lab Invest* 29:491-4, Oct 73 (15 ref.)
- Formation and treatment of cerebral edema. Baethmann A, et al. *Neurochirurgia (Stuttg)* 17:37-47, Mar 74
- Clinico-pharmacological investigation with verospirone. Szám I, et al. *Ther Hung* 21:56-60, 1973
- [Exchangeable sodium, total-body potassium, plasma volume, and hypotensive effect of various diuretics in patients with essential hypertension and low plasma renin level (author's transl)] Distler A, et al. *Dtsch Med Wochenschr* 99:864-9, 26 Apr 74 (Eng. Abstr.) (Ger)
- [Treatment of cerebral oedema with high doses of furosemide (author's transl)] Thilman J, et al. *Dtsch Med Wochenschr* 99:932-5, May 74 (Eng. Abstr.) (Ger)
- [Is essential hypertension still a disease entity? Definition of hyporeninemic hypertension] Distler A. *Internist (Berlin)* 15:146-54, Mar 74 (Ger)
- [Differential therapeutic principles in the drug therapy of high blood pressure] Rahn KH. *Internist (Berlin)* 15:157-64, Mar 74 (Ger)
- [Hypertension in pregnancy (author's transl)] Zander J, et al. *Munch Med Wochenschr* 116:699-706, 5 Apr 74 (Eng. Abstr.) (Ger)
- [High-dose spironolactone therapy in essential hypertension patients with low plasma renin] Distler A, et al. *Verh Dtsch Ges Inn Med* 79:770-3, 1973 (Ger)

- [Aldosteronism in cardiopulmonary diseases] Bolte HD, et al. *Z Allgemeinmed* 50:583-5, 30 Apr 74 (Ger)
- [Aldosteronism in liver diseases] Wildhirt E. *Z Allgemeinmed* 50:580-2, 30 Apr 74 (Ger)
- [Clinical and metabolic results of a particular combination thiazide-antialdosterone in heart failure] Miraglia G, et al. *Clin Ter* 68:445-51, 15 Mar 74 (Ita)
- [Sodium-potassium ratio and electrical potential of colon in the screening of hyperaldosteronism (author's transl)] Pessina AC, et al. *G Ital Cardiol* 4:167-72, 1974 (Eng. Abstr.) (Ita)
- [New aspects of the use of spironolactone and its association with thiazide (per os and in injections) in the treatment of grave cardiac insufficiency] Căruntu M, et al. *Med Interna (Bucur)* 26:177-88, Feb 74 (Eng. Abstr.) (Rum)
- [Place of saluretics in the treatment of hypertension] Erina EV. *Kardiologiya* 14:151-7, Apr 74 (Rus)
- [Diuretic treatment of hepatic cirrhosis: use of distal diuretics] Escartin Marín P, et al. *Rev Clin Esp* 132:65-70, 15 Jan 74 (Eng. Abstr.) (Spa)
- [A comparative study of spironolactone and chlorthalidone in treatment of hypertension] Fagerberg SE, et al. *Lakartidningen* 71:175-7, 16 Jan 74 (Eng. Abstr.) (Swe)

TRANSCORTIN

- Competitive protein-binding assay for corticoids in the peripheral plasma of the immature chicken. Buckland RB, et al. *Poult Sci* 53:241-5, Jan 74
- [Determination of 17-alpha hydroxyprogesterone in plasma using competitive protein binding] Roux H, et al. *Ann Biol Clin (Paris)* 32:65-9, 1974 (Eng. Abstr.) (Fre)

ADVERSE EFFECTS

- Drugs for relief of nausea and vomiting. *Med Lett Drugs Ther* 16:46-8, 24 May 74

ANALYSIS

- Porcine corticosteroid-binding globulin: binding properties and levels in stress-susceptible swine. Marple DN, et al. *J Anim Sci* 38:1224-8, Jun 74

BLOOD

- Cortisol binding capacity in plasma during anaesthesia and surgery. Kehlet H, et al. *Acta Endocrinol (Kbh)* 75:119-24, Jan 74
- Immunochemical quantitation of human transcortin. Van Baelen H, et al. *J Clin Endocrinol Metab* 39:160-3, Jul 74

METABOLISM

- Cortisol binding capacity in plasma during anaesthesia and surgery. Kehlet H, et al. *Acta Endocrinol (Kbh)* 75:119-24, Jan 74
- The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. Schwartz U, et al. *Acta Endocrinol (Kbh)* 76:159-71, May 74

PHARMACODYNAMICS

- [Interaction of glucocorticoids with cytoplasmic proteins of rat liver and thymus cells] Volchek AG, et al. *Probl Endokrinol (Mosk)* 20:65-71, Mar-Apr 74 (Eng. Abstr.) (Rus)

ADRENAL

V. Adrenal Medulla

ADRENAL MEDULLA

Immunological approach to the characterization of cholinergic vesicular protein. Ulmar G, et al. *J Neurochem* 22:451-4, Mar 74
Preoperative blood transfusion in the safe surgical management of pheochromocytoma: a review of 46 cases. Deoreo GA Jr, et al. *J Urol* 111:715-21, Jun 74
Endocrine profiles in the clinical laboratory. Bacchus H. *Prog Clin Pathol* 4:1-110, 1972 (217 ref.)

ANALYSIS

An immunochemical study of the induction of tyrosine hydroxylase in rat adrenal glands. Hoeldtke R, et al. *Biochem Biophys Res Commun* 57:1045-53, 23 Apr 74
Distribution of histamine in adrenal gland. Endo Y, et al. *Jap J Pharmacol* 24:171-3, Feb 74

CYTOLOGY

Cytochemical localization of 5-hydroxydopamine in adrenergic elements of cat adrenal medulla. Prentice FD, et al. *Experientia* 30:645-8, 15 Jun 74

DRUG EFFECTS

Effects of methoxyflurane anesthesia on adrenal medullary catecholamine secretion: inhibition of spontaneous secretion and secretion evoked by splanchnic-nerve stimulation. Dreyer C, et al. *Anesthesiology* 41:18-26, Jul 74
An immunochemical study of the induction of tyrosine hydroxylase in rat adrenal glands. Hoeldtke R, et al. *Biochem Biophys Res Commun* 57:1045-53, 23 Apr 74
Studies on cyclic nucleotides in the adrenal gland. 3. Properties of cyclic AMP- and GMP-dependent protein kinases in the adrenal gland. Shima S, et al. *Biochim Biophys Acta* 341:56-64, 21 Mar 74
The effect of prolonged glucagon infusions on the urinary excretion of catecholamines and 4-hydroxy-3-methoxymandellic acid and on adrenal medullary tissue levels of catecholamines in patients with severe cardiac disease. Hinterberger H, et al. *Clin Chim Acta* 52:153-61, Apr 74
Interaction between acetylcholine and sotalol (MJ-1999) in adrenal medulla. Proakis AG, et al. *Proc Soc Exp Biol Med* 145:1368-71, Apr 74

ENZYMOLGY

pH-dependent deuterium solvent isotope effects on bovine adrenal medullary dopamine-beta-hydroxylase. Aunis D, et al. *Biochem Biophys Res Commun* 57:1192-9, 23 Apr 74
An immunochemical study of the induction of tyrosine hydroxylase in rat adrenal glands. Hoeldtke R, et al. *Biochem Biophys Res Commun* 57:1045-53, 23 Apr 74
Studies on cyclic nucleotides in the adrenal gland. 3. Properties of cyclic AMP- and GMP-dependent protein kinases in the adrenal gland. Shima S, et al. *Biochim Biophys Acta* 341:56-64, 21 Mar 74
Proceedings: Studies on cyclic nucleotides in the adrenal gland. V. Adenyl and guanyl cyclase activities in the cortex and medulla of the adrenal gland. Shima S, et al. *Jap J Pharmacol* 24:Suppl:46, 1974

INNERVATION

Cytochemical localization of 5-hydroxydopamine in adrenergic elements of cat adrenal medulla. Prentice FD, et al. *Experientia* 30:645-8, 15 Jun 74

METABOLISM

Ontogenesis of sympathetic fibers after neonatal 6-hydroxydopamine treatment in the rat. Singh B, et al. *Can J Physiol Pharmacol* 52:304-18, Apr 74
The effect of prolonged glucagon infusions on the urinary excretion of catecholamines and

4-hydroxy-3-methoxymandellic acid and on adrenal medullary tissue levels of catecholamines in patients with severe cardiac disease. Hinterberger H, et al. *Clin Chim Acta* 52:153-61, Apr 74
Cytochemical localization of 5-hydroxydopamine in adrenergic elements of cat adrenal medulla. Prentice FD, et al. *Experientia* 30:645-8, 15 Jun 74
Proceedings: Serum dopamine-beta-hydroxylase (regulation of catecholamine-release by various agents). Ouchi T, et al. *Jap J Pharmacol* 24:Suppl:25, 1974
Hypothalamic control of blood glucose level. *Nutr Rev* 31:224-6, Jul 73
Interaction between acetylcholine and sotalol (MJ-1999) in adrenal medulla. Proakis AG, et al. *Proc Soc Exp Biol Med* 145:1368-71, Apr 74
[Syndrome of total hypercorticism in a patient with pheochromoblastoma] Gerasimenko PP, et al. *Probl Endokrinol (Mosk)* 20:38-41, Mar-Apr 74 (Eng. Abstr.) (Rus)
[Disorders of certain aspects of the bioenergetic process in the adrenal glands of animals during acute radiation injury] Musagalieva GM, et al. *Radiobiologiya* 14:190-4, Mar-Apr 74 (Eng. Abstr.) (Rus)

PATHOLOGY

Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al. *Pathol Annu* 8:205-30, 1973 (62 ref.)

PHYSIOLOGY

Proceedings: Neural and humoral control of apocrine glands. Robertshaw D. *J Invest Dermatol* 63:160-7, Jul 74 (50 ref.)
Proceedings: Pituitary adrenocorticotrophic activity after adrenalectomy and adrenal enucleation in the rat. Buckingham J, et al. *N Engl J Med* 291:ixvixvi, 11 Jun 74
Hypothalamic control of blood glucose level. *Nutr Rev* 31:224-6, Jul 73
Similar response of spontaneously hypertensive and normotensive rats to adrenal enucleation. Koletsky S, et al. *Proc Soc Exp Biol Med* 146:126-31, May 74

PHYSIOPATHOLOGY

Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al. *Pathol Annu* 8:205-30, 1973 (62 ref.)
[Functions of the sympathetic-adrenal system in euthyroid endemic goiter patients] Zejanlov AS. *Klin Khir* 4:56-8, Apr 74 (Rus)

SECRETION

Effects of methoxyflurane anesthesia on adrenal medullary catecholamine secretion: inhibition of spontaneous secretion and secretion evoked by splanchnic-nerve stimulation. Dreyer C, et al. *Anesthesiology* 41:18-26, Jul 74

CATECHOLAMINES

The nature of the venous systems in the adrenal gland. Dempster WJ. *Tohoku J Exp Med* 112:63-77, Jan 74

ADMINISTRATION & DOSAGE

Cardiovascular injury induced by sympathetic catecholamines. Haft JI. *Prog Cardiovasc Dis* 17:73-86, Jul-Aug 74 (70 ref.)

ADVERSE EFFECTS

Cardiovascular injury induced by sympathetic catecholamines. Haft JI. *Prog Cardiovasc Dis* 17:73-86, Jul-Aug 74 (70 ref.)

- [Electrocardiographic changes in patients with pheochromocytoma] Dąbrowska B, et al.
Kardiolog Pol 17:161-7, 1974 (Pol)

ANALYSIS

- [Methodology of acute experiments on rabbits] Khlitrov NK, et al.
Patol Fiziol Eksp Ter 10:76-8, May 74 (Eng. Abstr.) (Rus)
- [Effect of DOPA and metoprolol on the monamine oxidase activity and catecholamine and ascorbic acid content in guinea pig tissues] Lokoshko EA.
Ukr Biokhim Zh 46:384-8, May-Jun 74 (Eng. Abstr.) (Ukr)
- [Effect of diethyldithiocarbamate on the monoamine oxidase activity and catecholamine and serotonin content in the tissues of guinea pigs administered ascorbic acid] Lokoshko EA.
Ukr Biokhim Zh 45:698-701, Nov-Dec 73 (Eng. Abstr.) (Ukr)

BIOSYNTHESIS

- [Adaptation mechanism in cerebral and cardiovascular regulation processes of albino rats exposed to increasing levels of physical training] Hecht K, et al.
Acta Biol Med Ger 31:827-40, 1973 (Eng. Abstr.) (Ger)

BLOOD

- Effects of methoxyflurane anesthesia on adrenal medullary catecholamine secretion: inhibition of spontaneous secretion and secretion evoked by splanchnic-nerve stimulation. Dreyer C, et al.
Anesthesiology 41:18-26, Jul 74
- The effect of atropine on the levels of adrenaline and noradrenaline changed by acute poisoning with disynton in rats. Brzeziński J.
Pol J Pharmacol Pharm 25:611-5, Nov-Dec 73
- [Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al.
Union Med Can 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)
- [Activity of sympatho-adrenal system in essential hypertension patients] Lohmann FW, et al.
Verh Dtsch Ges Inn Med 79:809-12, 1973 (Ger)
- [Electrocardiographic changes in patients with pheochromocytoma] Dąbrowska B, et al.
Kardiolog Pol 17:161-7, 1974 (Pol)
- [On the diagnosis and treatment of pheochromocytoma] Manasia M, et al.
Oeff Gesundheitswes 36:1215-24, Apr 74 (Eng. Abstr.) (Rum)
- [Neurogenic arteriosclerosis and the mechanisms of its development] Khomulo PS.
Kardiologiya 14:140-7, May 74 (Rus)

METABOLISM

- Effects of benzoquinolizine homologues on proliferative and exudative inflammation. De Cato L Jr, et al. Eur J Pharmacol 26:22-9, Apr 74
- Effects of ethanol on central and peripheral noradrenergic neurons. Pohorecky LA.
J Pharmacol Exp Ther 189:380-91, May 74
- [Proceedings: Catecholamine release by ouabain from perfused adrenal glands of dogs. Nishikawa T, et al.
Jap J Pharmacol 24:Suppl:27, 1974
- Hypothalamic control of blood glucose level.
Nutr Rev 31:224-6, Jul 73
- Interaction between acetylcholine and sotalol (MJ-1999) in adrenal medulla. Proakis AG, et al.
Proc Soc Exp Biol Med 145:1368-71, Apr 74
- Endocrine profiles in the clinical laboratory. Bacchus H. Prog Clin Pathol 4:1-110, 1972 (217 ref.)
- [Biological determination of urine catecholamines as screening method for pheochromocytoma--with special reference to drug influence on catecholamine metabolism] Ebel H, et al.
Verh Dtsch Ges Inn Med 79:814-7, 1973 (Ger)
- [Electrocardiographic changes in patients with pheochromocytoma] Dąbrowska B, et al.
Kardiolog Pol 17:161-7, 1974 (Pol)
- [Effect of DOPA and metoprolol on the monamine oxidase activity and catecholamine and ascorbic acid content in guinea pig tissues] Lokoshko EA.
Ukr Biokhim Zh 46:384-8, May-Jun 74 (Eng. Abstr.) (Ukr)

PHYSIOLOGY

- Proceedings: Neural and humoral control of apocrine glands. Robertshaw D.
J Invest Dermatol 63:160-7, Jul 74 (50 ref.)
- Hypothalamic control of blood glucose level.
Nutr Rev 31:224-6, Jul 73

SECRETION

- Effects of methoxyflurane anesthesia on adrenal medullary catecholamine secretion: inhibition of spontaneous secretion and secretion evoked by splanchnic-nerve stimulation. Dreyer C, et al.
Anesthesiology 41:18-26, Jul 74
- Diamorphine-induced attack of paroxysmal hypertension in pheochromocytoma. Chaturvedi NC, et al. Br Med J 2:538, 8 Jun 74
- Letter: Intravenous aminophylline. Atuk NO.
Lancet 1:1056, 25 May 74

TOXICITY

- Cardiovascular injury induced by sympathetic catecholamines. Haft JJ.
Prog Cardiovasc Dis 17:73-86, Jul-Aug 74 (70 ref.)

URINE

- Recurrence of benign pheochromocytoma by intraoperative implantation. Sivula A.
Acta Chir Scand 140:334-9, 1974
- Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1:59, Jun 74 (161 ref.)
- Preoperative blood transfusion in the safe surgical management of pheochromocytoma: a review of 46 cases. Deoreo GA Jr, et al. J Urol 111:715-21, Jun 74
- The effect of atropine on the levels of adrenaline and noradrenaline changed by acute poisoning with disynton in rats. Brzeziński J.
Pol J Pharmacol Pharm 25:611-5, Nov-Dec 73
- [Biological determination of urine catecholamines as screening method for pheochromocytoma--with special reference to drug influence on catecholamine metabolism] Ebel H, et al.
Verh Dtsch Ges Inn Med 79:814-7, 1973 (Ger)
- [Changes in the sympathetic-adrenal system in nephrogenic hypertonia and hypertension] Iunda IF, et al. Klin Med (Mosk) 51:28-33, Sep 73 (Rus)
- [State of the sympathetic-adrenal system in healthy and sick children and adolescents with primary arterial hypotension] Namazova AA, et al.
Pediatrics 53:33-7, Apr 74 (Eng. Abstr.) (Rus)
- [Functional state of sympathetic-adrenal system and glucocorticoid indicators in newborn infants with pneumopathies and pneumonias] Svetlova AK, et al.
Pediatrics 53:36-9, 1974 (Eng. Abstr.) (Rus)

CHROMAFFIN SYSTEM

- Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1:59, Jun 74 (161 ref.)
- The nature of the venous systems in the adrenal gland.
Dempster WJ. Tohoku J Exp Med 112:63-77, Jan 74

ANALYSIS

- [Quantitative determination of the luminescence of norepinephrine in paraganglia] Smitten NA, et al.
Dokl Akad Nauk SSSR 215:234-6, 1 Mar 74 (Rus)

ANATOMY & HISTOLOGY

- The relationship between the changes in the interrenal, gonadal and thyroidal tissue of the air breathing fish, Heteropneustes fossilis (Bloch) at different periods of the breeding cycle. Singh BR, et al.
J Endocrinol 61:309-16, Jun 74

DRUG EFFECTS

- [Quantitative determination of the luminescence of norepinephrine in paraganglia] Smitten NA, et al.
Dokl Akad Nauk SSSR 215:234-6, 1 Mar 74 (Rus)

ENZYMOLGY

- The interaction of dopamine-beta-hydroxylase with concanavalin A and its use in enzyme purification.

ADRENAL

EPINEPHRINE

Rush RA, et al.
Biochem Biophys Res Commun 57:1301-5, 23 Apr 74

METABOLISM

Endocrine profiles in the clinical laboratory. Bacchus H. *Prog Clin Pathol* 4:1-110, 1972 (217 ref.)

DOPA

METABOLISM

Neonatal 6-hydroxydopamine sympathectomy in normotensive and spontaneously hypertensive rat. Pappas BA, et al.
Pharmacol Biochem Behav 2:381-6, May 74

PHARMACODYNAMICS

[Effect of DOPA and metopirone on the monamine oxidase activity and catecholamine and ascorbic acid content in guinea pig tissues] Lokoshko EA.
Ukr Biokhim Zh 46:384-8, May-Jun 74 (Eng. Abstr.) (Ukr)

URINE

[Functional state of sympathetic-adrenal system and glucocorticoid indicators in newborn infants with pneumopathies and pneumonias] Svetlova AK, et al.
Pediatrilia 53:36-9, 1974 (Eng. Abstr.) (Rus)

DOPAMINE

METABOLISM

The effect of prolonged glucagon infusions on the urinary excretion of catecholamines and 4-hydroxy-3-methoxymandellic acid and on adrenal medullary tissue levels of catecholamines in patients with severe cardiac disease. Hinterberger H, et al.
Clin Chim Acta 52:153-61, Apr 74

URINE

The effect of prolonged glucagon infusions on the urinary excretion of catecholamines and 4-hydroxy-3-methoxymandellic acid and on adrenal medullary tissue levels of catecholamines in patients with severe cardiac disease. Hinterberger H, et al.
Clin Chim Acta 52:153-61, Apr 74
 [State of the sympathetic-adrenal system in healthy and sick children and adolescents with primary arterial hypotension] Namazova AA, et al.
Pediatrilia 53:33-7, Apr 74 (Eng. Abstr.) (Rus)

EPINEPHRINE

ADVERSE EFFECTS

Cardiovascular injury induced by sympathetic catecholamines. Haft JI.
Prog Cardiovasc Dis 17:73-86, Jul-Aug 74 (70 ref.)

ANALYSIS

An immunochemical study of the induction of tyrosine hydroxylase in rat adrenal glands. Hoeldtke R, et al.
Biochem Biophys Res Commun 57:1045-53, 23 Apr 74
 Daily fluctuations in adrenal catecholamine concentration. Dunn JD, et al.
Experientia 30:348-9, 15 Apr 74
 [Characteristics of the autonomic regulation of the heart in rabbits following unilateral vagotomy] Khitrov NK, et al.
Fiziol Zh SSSR 59:1225-30, Aug 73 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

[Adaptation mechanism in cerebral and cardiovascular regulation processes of albino rats exposed to increasing levels of physical training] Hecht K, et al.
Acta Biol Med Ger 31:827-40, 1973 (Eng. Abstr.) (Ger)

BLOOD

Phenylethanolamine-N-methyl transferase activity in the avian adrenal following immobilization or adrenocorticotropin. Zachariassen RD, et al.
Gen Comp Endocrinol 23:193-8, Jun 74

Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Hull RD, et al. *Med J Aust* 1:381-5, 16 Mar 74
 [Neurohormones of the sympathetic nervous system in myocardial infarct] Katsman RF, et al.
Kardiologiya 15:44-51, 1974 (Rus)

DIAGNOSTIC USE

Calcification in benign adrenal adenoma. Paster SB, et al. *Urology* 3:646-8, May 74

METABOLISM

Enhanced specificity of epinephrine binding by rat liver plasma membranes in the presence of EDTA. Lacombe ML, et al.
Biochem Biophys Res Commun 58:667-73, 4 Jun 74
 The effect of prolonged glucagon infusions on the urinary excretion of catecholamines and 4-hydroxy-3-methoxymandellic acid and on adrenal medullary tissue levels of catecholamines in patients with severe cardiac disease. Hinterberger H, et al.
Clin Chim Acta 52:153-61, Apr 74
 Catecholamine content and histology of the adrenal glands of the nutria (*Myocastor coypus*). Katomski PA, et al.
Comp Biochem Physiol [A] 48:539-46, 1 Jul 74
 Daily fluctuations in adrenal catecholamine concentration. Dunn JD, et al.
Experientia 30:348-9, 15 Apr 74
 Phenylethanolamine-N-methyl transferase activity in the avian adrenal following immobilization or adrenocorticotropin. Zachariassen RD, et al.
Gen Comp Endocrinol 23:193-8, Jun 74
 Induction of adrenal tyrosine hydroxylase in organ culture. Silberstein SD, et al.
Neuropharmacology 11:721-6, Sep 72
 The effect of atropine on the levels of adrenaline and noradrenaline changed by acute poisoning with disyton in rats. Brzezinski J.
Poi J Pharmacol Pharm 25:611-5, Nov-Dec 73

PHARMACODYNAMICS

Effects of adrenaline on insulin-induced release of growth hormone and cortisol in man. Müller-Hess R, et al. *Acta Endocrinol (Kbh)* 75:260-73, Feb 74
 Inhibition by phenothiazines of adenylate cyclase in adrenal and brain tissue. Free CA, et al.
Adv Biochem Psychopharmacol 9:739-48, 1974
 Enhanced specificity of epinephrine binding by rat liver plasma membranes in the presence of EDTA. Lacombe ML, et al.
Biochem Biophys Res Commun 58:667-73, 4 Jun 74
 Effect of trauma on insulin response to glucose in thyroidectomized rats. Vigaš M, et al.
Endocrinol Exp (Bratisl) 8:147-51, Jun 74
 Proceedings: Serum dopamine-beta-hydroxylase (regulation of catecholamine-release by various agents). Ouchi T, et al.
Jap J Pharmacol 24:Suppl:25, 1974
 Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL.
Prog Brain Res 39:361-72, 1973 (33 ref.)
 [Hypoglycemic action of certain heterocyclic carboxylic acid derivatives] Takasaki K, et al.
Folia Pharmacol Jap 69:977-94, Nov 73 (Eng. Abstr.) (Jap)
 [Characteristics of the autonomic regulation of the heart in rabbits following unilateral vagotomy] Khitrov NK, et al.
Fiziol Zh SSSR 59:1225-30, Aug 73 (Eng. Abstr.) (Rus)
 [Possible participation of hypothalamus of a pregnant rat in the reaction of fetuses to stress] Skebel'skaia IuB.
Probl Endocrinol (Mosk) 20:62-5, Mar-Apr 74 (Eng. Abstr.) (Rus)

SECRETION

Effects of methoxyflurane anesthesia on adrenal medullary catecholamine secretion: inhibition of spontaneous secretion and secretion evoked by splanchnic-nerve stimulation. Dreyer C, et al.
Anesthesiology 41:18-26, Jul 74
 Proceedings: Neural and humoral control of apocrine glands. Robertshaw D.
J Invest Dermatol 63:160-7, Jul 74 (50 ref.)
 [Possible participation of hypothalamus of a pregnant

EPINEPHRINE

rat in the reaction of fetuses to stress] Skebel'skala IuB.

Probl Endocrinol (Mosk) 20:62-5, Mar-Apr 74 (Eng. Abstr.) (Rus)

[Do extra-adrenal pheochromocytomas excrete adrenaline? Study on fluorimetric interference in the differential measurement of catecholamines] Chávez Lara B, et al.

Arch Inst Cardiol Mex 44:263-6, Mar-Apr 74 (Eng. Abstr.) (Spa)

URINE

Effects of adrenaline on insulin-induced release of growth hormone and cortisol in man. Müller-Hess R, et al. Acta Endocrinol (Kbh) 75:260-73, Feb 74
Letter: Pheochromocytoma and hyperparathyroidism. Bouillon R, et al. Ann Intern Med 81:131, Jul 74
The effect of prolonged glucagon infusions on the urinary excretion of catecholamines and 4-hydroxy-3-methoxymandellic acid and on adrenal medullary tissue levels of catecholamines in patients with severe cardiac disease. Hinterberger H, et al. Clin Chim Acta 52:153-61, Apr 74

Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Hull RD, et al. Med J Aust 1:381-5, 16 Mar 74

[Efficacy and limits of diagnostic procedures in hypertension] Jahnecke J.

Internist (Berlin) 15:132-8, Mar 74 (Ger)

[Excretion of catecholamines at daytime and night during dispatcher's work] Vasil'ev VN, et al.

Gig Tr Prof Zabol 18:6-11, Feb 74 (Eng. Abstr.) (Rus)

[Neurohumoral aspects of myocardial infarct and its complications] Malala IT, et al.

Kardiologiya 14:39-47, Apr 74 (Eng. Abstr.) (Rus)

[Functions of the sympathetic-adrenal system in euthyroid endemic goiter patients] Zefanlov AS. Klin Khir 4:56-8, Apr 74 (Rus)

[Do extra-adrenal pheochromocytomas excrete adrenaline? Study on fluorimetric interference in the differential measurement of catecholamines] Chávez Lara B, et al.

Arch Inst Cardiol Mex 44:263-6, Mar-Apr 74 (Eng. Abstr.) (Spa)

HYDROXYDOPAMINE

METABOLISM

Cytochemical localization of 5-hydroxydopamine in adrenergic elements of cat adrenal medulla. Prentice FD, et al. Experientia 30:645-8, 15 Jun 74

PHARMACODYNAMICS

An immunochemical study of the induction of tyrosine hydroxylase in rat adrenal glands. Hoeldtke R, et al. Biochem Biophys Res Commun 57:1045-53, 23 Apr 74

Ontogenesis of sympathetic fibers after neonatal 6-hydroxydopamine treatment in the rat. Singh B, et al. Can J Physiol Pharmacol 52:304-18, Apr 74

Substrate mobilization during prolonged exercise in 6-hydroxydopamine treated rats. Sembrowich WL, et al. Pfluegers Arch 349:57-62, 24 May 74

Neonatal 6-hydroxydopamine sympathectomy in normotensive and spontaneously hypertensive rat. Pappas BA, et al.

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

Pharmacol Biochem Behav 2:381-6, May 74

ADRENAL

METHYLDOPA

THERAPEUTIC USE

Present day management of hypertension. Munro AB, et al. South Med J 67:847-52, Jul 74 (15 ref.)

[Hypertensive emergencies] Philipp T, et al. Internist (Berlin) 15:165-9, Mar 74 (Ger)

[Surgery in hypertension (author's transl)] Pichlmaier H.

Munch Med Wochenschr 116:629-32, 22 Mar 74 (Eng. Abstr.) (Ger)

NOREPINEPHRINE

ADVERSE EFFECTS

Cardiovascular injury induced by sympathetic catecholamines. Haft JI.

Prog Cardiovasc Dis 17:73-86, Jul-Aug 74 (70 ref.)

ANALYSIS

Ontogenesis of sympathetic fibers after neonatal 6-hydroxydopamine treatment in the rat. Singh B, et al. Can J Physiol Pharmacol 52:304-18, Apr 74

Daily fluctuations in adrenal catecholamine concentration. Dunn JD, et al.

Experientia 30:348-9, 15 Apr 74

[Quantitative determination of the luminescence of norepinephrine in paraganglia] Smitten NA, et al.

Dokl Akad Nauk SSSR 215:234-6, 1 Mar 74 (Rus)

[Characteristics of the autonomic regulation of the heart in rabbits following unilateral vagotomy] Khitrov NK, et al.

Fiziol Zh SSSR 59:1225-30, Aug 73 (Eng. Abstr.) (Rus)

[Noradrenaline content in the animal brain following removal of the adrenal glands] Rakitakala VV, et al.

Fiziol Zh SSSR 59:1337-40, Sep 73 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Proceedings: Serum dopamine-beta-hydroxylase (regulation of catecholamine-release by various agents). Ouchi T, et al.

Jap J Pharmacol 24:Suppl:25, 1974

BLOOD

Phenylethanolamine-N-methyl transferase activity in the avian adrenal following immobilization or adrenocorticotropin. Zachariassen RD, et al.

Gen Comp Endocrinol 23:193-8, Jun 74

Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Hull RD, et al. Med J Aust 1:381-5, 16 Mar 74

[Neurohormones of the sympathetic nervous system in myocardial infarct] Kataman RF, et al.

Kardiologiya 15:44-51, 1974 (Rus)

METABOLISM

The pharmacodynamics of depression and its relation to therapy. Lewis DO.

Br J Clin Pract 28:21-7, Jan 74 (55 ref.)

Ontogenesis of sympathetic fibers after neonatal 6-hydroxydopamine treatment in the rat. Singh B, et al. Can J Physiol Pharmacol 52:304-18, Apr 74

The effect of prolonged glucagon infusions on the urinary excretion of catecholamines and 4-hydroxy-3-methoxymandellic acid and on adrenal medullary tissue levels of catecholamines in patients with severe cardiac disease. Hinterberger H, et al. Clin Chim Acta 52:153-61, Apr 74

Catecholamine content and histology of the adrenal glands of the nutria (Myocastor coypus). Katomski PA, et al.

Comp Biochem Physiol [A] 48:539-46, 1 Jul 74

Daily fluctuations in adrenal catecholamine concentration. Dunn JD, et al.

Experientia 30:348-9, 15 Apr 74

Cytochemical localization of 5-hydroxydopamine in adrenergic elements of cat adrenal medulla. Prentice FD, et al. Experientia 30:645-8, 15 Jun 74

Phenylethanolamine-N-methyl transferase activity in the avian adrenal following immobilization or adrenocorticotropin. Zachariassen RD, et al.

Gen Comp Endocrinol 23:193-8, Jun 74

Effects of ethanol on central and peripheral

- noradrenergic neurons. Pohorecky LA.
J Pharmacol Exp Ther 189:380-91, May 74
 Neonatal 6-hydroxydopamine sympathectomy in normotensive and spontaneously hypertensive rat. Pappas BA, et al.
Pharmacol Biochem Behav 2:381-6, May 74
 The effect of atropine on the levels of adrenaline and noradrenaline changed by acute poisoning with dlayston in rats. Brzezinski J.
Pol J Pharmacol Pharm 25:611-5, Nov-Dec 73

PHARMACODYNAMICS

- An immunochemical study of the induction of tyrosine hydroxylase in rat adrenal glands. Hoeldtke R, et al.
Biochem Biophys Res Commun 57:1045-53, 23 Apr 74

PHYSIOLOGY

- Proceedings: The role of catecholamines in the regulation of crypt cell proliferation. 3.
 Adrenalectomy. Tutton PJ. *J Anat* 116:468, Dec 73
 Role of brain noradrenaline in the tonic regulation of hypothalamic hypophyseal adrenal axis. Scapagnini U, et al. *Frog Brain Res* 39:171-84, 1973

SECRETION

- Effects of methoxyflurane anesthesia on adrenal medullary catecholamine secretion: inhibition of spontaneous secretion and secretion evoked by splanchnic-nerve stimulation. Dreyer C, et al.
Anesthesiology 41:18-26, Jul 74

THERAPEUTIC USE

- Cardiovascular injury induced by sympathetic catecholamines. Haft JI.
Frog Cardiovasc Dis 17:73-86, Jul-Aug 74 (70 ref.)

URINE

- Effects of adrenaline on insulin-induced release of growth hormone and cortisol in man. Müller-Hess R, et al. *Acta Endocrinol (Kbh)* 75:260-73, Feb 74
 Letter: Pheochromocytoma and hyperparathyroidism. Bouillon R, et al. *Ann Intern Med* 81:131, Jul 74
 The effect of prolonged glucagon infusions on the urinary excretion of catecholamines and 4-hydroxy-3-methoxymandelic acid and on adrenal medullary tissue levels of catecholamines in patients with severe cardiac disease. Hinterberger H, et al. *Clin Chim Acta* 52:153-61, Apr 74
 Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Hull RD, et al. *Med J Aust* 1:381-5, 16 Mar 74
 [Efficacy and limits of diagnostic procedures in hypertension] Jahnecke J.
Internist (Berlin) 15:132-8, Mar 74 (Ger)
 [Excretion of catecholamines at daytime and night during dispatcher's work] Vasil'ev VN, et al.
Gig Tr Prof Zabol 18:6-11, Feb 74 (Eng. Abstr.) (Rus)
 [Neurohumoral aspects of myocardial infarct and its complications] Malala IT, et al.
Kardiologia 14:39-47, Apr 74 (Eng. Abstr.) (Rus)
 [Do extra-adrenal pheochromocytomas excrete adrenaline? Study on fluorimetric interference in the differential measurement of catecholamines] Chávez Lara B, et al.
Arch Inst Cardiol Mex 44:263-6, Mar-Apr 74 (Eng. Abstr.) (Spa)

PHEOCHROMOCYTOMA

BLOOD

- Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Hull RD, et al. *Med J Aust* 1:381-5, 16 Mar 74
 [Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al.
Union Med Can 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)

COMPLICATIONS

- Letter: Pheochromocytoma and hyperparathyroidism. Bouillon R, et al. *Ann Intern Med* 81:131, Jul 74
 Letter: Testing in pheochromocytoma and another

- endocrine tumor. Weiss SR.
Ann Intern Med 81:116-7, Jul 74
 Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)
 Preoperative blood transfusion in the safe surgical management of pheochromocytoma: a review of 46 cases. Deoreo GA Jr, et al. *J Urol* 111:715-21, Jun 74
 Successful control of pheochromocytoma in pregnancy. Griffith MI, et al. *JAMA* 229:437-9, 22 Jul 74
 Present day management of hypertension. Munro AB, et al. *South Med J* 67:847-52, Jul 74 (15 ref.)
 Stenosis of the renal artery and coexistent lesions. Kaufman JJ, et al.
Surg Gynecol Obstet 139:59-64, Jul 74
 [Hypertension. Diagnosis and therapy in the practice] Fleischer H, et al.
Fortschr Med 92:722-4, 13 Jun 74 (Eng. Abstr.) (Ger)
 [Radiological diagnosis of hypertension (author's transl)] Lissner J.
Munch Med Wochenschr 116:689-98, 5 Apr 74 (Eng. Abstr.) (Ger)
 [Endocrine hypertension (author's transl)] Reck G, et al. *Praxis* 63:589-97, 14 May 74 (Eng. Abstr.) (Ger)
 [Renal artery stenosis and pheochromocytoma] Weiss M, et al. *Verh Dtsch Ges Inn Med* 79:812-4, 1973 (Ger)
 [Diagnosis and clinical aspects of arterial hypertension] Sacchetti C.
Arch E Maragliano Patol Clin 29:73-83, Jan 73 (Eng. Abstr.) (Ita)
 [On the diagnosis and treatment of pheochromocytoma] Manasia M, et al.
Oeff Gesundheitswes 36:1215-24, Apr 74 (Eng. Abstr.) (Rum)
 [Syndrome of total hypercorticism in a patient with pheochromoblastoma] Gerasimenko PP, et al.
Probl Endokrinol (Mosk) 20:38-41, Mar-Apr 74 (Eng. Abstr.) (Rus)
 [Cesarean section with simultaneous removal of pheochromoblastoma] Dolgorukov MI, et al.
Vestn Khir 112:126, May 74 (Rus)
 [Pheochromocytoma associated with dysplasia of the renal artery] Ocon J, et al.
Rev Clin Esp 133:65-70, 15 Apr 74 (Spa)

DIAGNOSIS

- Letter: Testing in pheochromocytoma and another endocrine tumor. Weiss SR.
Ann Intern Med 81:116-7, Jul 74
 Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)
 Meningioma mimicking features of a pheochromocytoma. Gabriel R, et al.
Br Med J 2:312, 11 May 74
 Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1:59, Jun 74 (161 ref.)
 Diagnostic tests, drugs, and the geriatric patient. Means BJ, et al. *J Am Geriatr Soc* 22:258-63, Jun 74
 Preoperative blood transfusion in the safe surgical management of pheochromocytoma: a review of 46 cases. Deoreo GA Jr, et al. *J Urol* 111:715-21, Jun 74
 Letter: Vasomotor-like paroxysms. Salomon MI.
JAMA 229:139, 8 Jul 74
 Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Hull RD, et al. *Med J Aust* 1:381-5, 16 Mar 74
 [Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al.
Union Med Can 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)
 [Efficacy and limits of diagnostic procedures in hypertension] Jahnecke J.
Internist (Berlin) 15:132-8, Mar 74 (Ger)
 [Primary hypo- and hyperreninism] Werning C.
Internist (Berlin) 15:174-6, Mar 74 (21 ref.) (Ger)
 [On the diagnosis and treatment of pheochromocytoma] Manasia M, et al.
Oeff Gesundheitswes 36:1215-24, Apr 74 (Eng. Abstr.) (Rum)
 [Case of extraadrenal pheochromocytoma] Sakharov MI, et al.
Probl Endokrinol (Mosk) 20:50-1, Mar-Apr 74 (Rus)

DRUG THERAPY

- Diamorphine-induced attack of paroxysmal hypertension in pheochromocytoma. Chaturvedi NC, et al. *Br Med J* 2:538, 8 Jun 74

- Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1-59, Jun 74 (161 ref.)
 Successful control of pheochromocytoma in pregnancy.
 Griffith MI, et al. *JAMA* 229:437-9, 22 Jul 74
 Therapeutic alternatives in hypertension. Brest AN, et
 al. *Lab Invest* 29:491-4, Oct 73 (15 ref.)
 Cardiovascular injury induced by sympathetic
 catecholamines. Haft JJ.
Prog Cardiovasc Dis 17:73-86, Jul-Aug 74 (70 ref.)
 [Hypertensive emergencies] Philipp T, et al.
Internist (Berlin) 15:165-9, Mar 74 (Ger)

FAMILIAL & GENETIC

- [Diagnostic value of calcitonin and plasma
 catecholamines in Sipple's syndrome] Garrido-Russo
 M, et al.
Union Med Can 102:2098-103, Oct 73 (Eng. Abstr.)
 (Fre)
 [Medullary carcinoma of the thyroid. Description of a
 case and critical review of Sipple's syndrome and of
 neuroectodermal tumoral associations] Andreoli M,
 et al.
Folia Endocrinol (Roma) 27:127-57, Apr 74 (Eng.
 Abstr.) (Ita)

METABOLISM

- Abnormal intradermal histamine reaction and elevated
 serum calcitonin in the syndrome of: medullary
 carcinoma of the thyroid gland, pheochromocytoma,
 and multiple mucosal neuromas. A survey and a case
 in a child with symptoms from early childhood.
 Flensburg EW, et al. *Dan Med Bull* 21:20-6, Mar 74
 [Electrocardiographic changes in patients with
 pheochromocytoma] Dąbrowska B, et al.
Kardiol Pol 17:161-7, 1974 (Pol)
 [Syndrome of total hypercorticism in a patient with
 pheochromoblastoma] Gerasimenko PP, et al.
Probl Endokrinol (Mosk) 20:38-41, Mar-Apr 74 (Eng.
 Abstr.) (Rus)

PATHOLOGY

- Recurrence of benign pheochromocytoma by
 intraoperative implantation. Sivula A.
Acta Chir Scand 140:334-9, 1974
 Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1-59, Jun 74 (161 ref.)
 Ultrastructural and functional relationships of some
 human endocrine tumors. Gould VE, et al.
Pathol Annu 8:205-30, 1973 (62 ref.)

PHYSIOPATHOLOGY

- Ultrastructural and functional relationships of some
 human endocrine tumors. Gould VE, et al.
Pathol Annu 8:205-30, 1973 (62 ref.)
 [Electrocardiographic changes in patients with
 pheochromocytoma] Dąbrowska B, et al.
Kardiol Pol 17:161-7, 1974 (Pol)
 [Do extra-adrenal pheochromocytomas excrete
 adrenaline? Study on fluorimetric interference in the
 differential measurement of catecholamines] Chávez
 Lara B, et al.
Arch Inst Cardiol Mex 44:263-6, Mar-Apr 74 (Eng.
 Abstr.) (Spa)

RADIOGRAPHY

- Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1-59, Jun 74 (161 ref.)
 Preoperative blood transfusion in the safe surgical
 management of pheochromocytoma: a review of 46
 cases. Deoreo GA Jr, et al. *J Urol* 111:715-21, Jun 74
 Renovascular hypertension: a rare complication of
 excision of pheochromocytoma. Julian WA, et al.
J Urol 111:722-3, Jun 74
 Results of screening for pheochromocytoma in 17
 hypertensive patients with episodic symptoms. Hull
 RD, et al. *Med J Aust* 1:381-5, 16 Mar 74
 Stenosis of the renal artery and coexistent lesions.
 Kaufman JJ, et al.
Surg Gynecol Obstet 139:59-64, Jul 74
 [Angiography of retroperitoneal organs in childhood
 (author's transl)] Friedmann G, et al.
Monatsschr Kinderheilkd 122:160-3, Apr 74 (Eng.
 Abstr.) (Ger)
 [Radiological diagnosis of hypertension (author's
 transl)] Lissner J.

- Munch Med Wochenschr* 116:689-98, 5 Apr 74 (Eng.
 Abstr.) (Ger)
 [On the diagnosis and treatment of
 pheochromocytoma] Manasia M, et al.
Oeff Gesundheitswes 36:1215-24, Apr 74 (Eng. Abstr.)
 (Rum)

SURGERY

- Recurrence of benign pheochromocytoma by
 intraoperative implantation. Sivula A.
Acta Chir Scand 140:334-9, 1974
 Hepatocellular dysfunction without jaundice after
 enflurane anesthesia. Denlinger JK, et al.
Anesthesiology 41:86-7, Jul 74
 Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)
 Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1-59, Jun 74 (161 ref.)
 Preoperative blood transfusion in the safe surgical
 management of pheochromocytoma: a review of 46
 cases. Deoreo GA Jr, et al. *J Urol* 111:715-21, Jun 74
 Renovascular hypertension: a rare complication of
 excision of pheochromocytoma. Julian WA, et al.
J Urol 111:722-3, Jun 74
 Successful control of pheochromocytoma in pregnancy.
 Griffith MI, et al. *JAMA* 229:437-9, 22 Jul 74
 Therapeutic alternatives in hypertension. Brest AN, et
 al. *Lab Invest* 29:491-4, Oct 73 (15 ref.)
 Stenosis of the renal artery and coexistent lesions.
 Kaufman JJ, et al.
Surg Gynecol Obstet 139:59-64, Jul 74
 [Diagnostic value of calcitonin and plasma
 catecholamines in Sipple's syndrome] Garrido-Russo
 M, et al.
Union Med Can 102:2098-103, Oct 73 (Eng. Abstr.)
 (Fre)
 [Surgery in hypertension (author's transl)] Pichlmaier
 H.
Munch Med Wochenschr 116:629-32, 22 Mar 74 (Eng.
 Abstr.) (Ger)
 [Renal artery stenosis and pheochromocytoma] Weiss
 M, et al. *Verh Dtsch Ges Inn Med* 79:812-4, 1973 (Ger)
 [On the diagnosis and treatment of
 pheochromocytoma] Manasia M, et al.
Oeff Gesundheitswes 36:1215-24, Apr 74 (Eng. Abstr.)
 (Rum)
 [Case of extraadrenal pheochromocytoma] Sakharov
 MI, et al.
Probl Endokrinol (Mosk) 20:50-1, Mar-Apr 74 (Rus)
 [Cesarean section with simultaneous removal of
 pheochromoblastoma] Dolgorukov MI, et al.
Vestn Khir 112:126, May 74 (Rus)

THERAPY

- [Pheochromocytoma] Yoshinaga K.
Clin Endocrinol (Tokyo) 22:54-5, Jan 74 (Jap)

URINE

- Measurement of the two conjugates of
 3-methoxy-4-hydroxyphenylglycol in urine. Bond PA,
 et al. *Biochem Med* 10:219-28, Jul 74
 Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1-59, Jun 74 (161 ref.)
 Results of screening for pheochromocytoma in 17
 hypertensive patients with episodic symptoms. Hull
 RD, et al. *Med J Aust* 1:381-5, 16 Mar 74
 [Biological determination of urine catecholamines as
 screening method for pheochromocytoma—with
 special reference to drug influence on catecholamine
 metabolism] Ebel H, et al.
Verh Dtsch Ges Inn Med 79:814-7, 1973 (Ger)
 [Do extra-adrenal pheochromocytomas excrete
 adrenaline? Study on fluorimetric interference in the
 differential measurement of catecholamines] Chávez
 Lara B, et al.
Arch Inst Cardiol Mex 44:263-6, Mar-Apr 74 (Eng.
 Abstr.) (Spa)

VANILMANDELIC ACID

BLOOD

- [On the diagnosis and treatment of
 pheochromocytoma] Manasia M, et al.
Oeff Gesundheitswes 36:1215-24, Apr 74 (Eng. Abstr.)
 (Rum)

URINE

- Meningioma mimicking features of a
phaeochromocytoma. Gabriel R, et al.
Br Med J 2:312, 11 May 74
- Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1:59, Jun 74 (161 ref.)
- Results of screening for phaeochromocytoma in 17
hypertensive patients with episodic symptoms. Hull
RD, et al. Med J Aust 1:381-5, 16 Mar 74
- [Efficacy and limits of diagnostic procedures in
hypertension] Jahnecke J. (Ger)
Internist (Berlin) 15:132-8, Mar 74
- [Excretion of vanilmandelic acid in post-traumatic
hypotension] Perli PD, et al.
- Vrach Delo 4:112-3, 1974 (Eng. Abstr.) (Rus)

GONADS

I. Physical and Functional Aspects

GONADS

- Transplantation of nuclei into the polar plasm of *Drosophila* eggs. Zalokar M. *Dev Biol* 32:189-93, May 73
Genetically significant dose from beam therapy in Japan, 1971. Hashizume T, et al.
Health Phys 26:449-59, May 74
Homologous viral interference in trout and Atlantic salmon cell cultures infected with infectious pancreatic necrosis virus. Nicholson BL, et al.
J Virol 14:180-2, Jul 74

ANALYSIS

- Purification and characterization of glycine, arginine, lysine-rich and alanine, leucine, glycine-rich histones from sea urchin gonad. Wouters-Tyrou D, et al.
Biochim Biophys Acta 342:360-6, 11 Apr 74

ANATOMY & HISTOLOGY

- Effects of light environment on emotionality and endocrine system of inbred mice. Mos L, et al.
Physiol Behav 12:981-9, Jun 74

CYTOLOGY

- Male pseudohermaphroditism with 45X-46XYq-mosaicism in a pair of monozygotic twins. Bengtsson B, et al. *Clin Genet* 5:133-43, 1974

DRUG EFFECTS

- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al.
Acta Endocrinol (Kbh) 76:556-69, Jul 74
Effect of cyproterone, cyproterone acetate and ICI 46,474 on gonadal sex differentiation in *Rana esculenta*. Chieffl G, et al.
Gen Comp Endocrinol 22:532-5, Apr 74
Failure of sex hormones and PMS to stimulate gonadal development in young *Rana nigromaculata*. Iwasawa H, et al. *Gen Comp Endocrinol* 22:526-8, Apr 74
Involvement of pineal indoles and polypeptides with the neuroendocrine axis. Reltor RJ.
Frog Brain Res 39:281-7, 1973 (42 ref.)

EMBRYOLOGY

- [Morphological and cytogenetic study of congenital malformations of the genital system in man] Konstantinova B, et al.
Acta Univ Carol [Med Monogr] (Praha) 56:121-4, 1973 (Fre)
[Morphological and cytogenetic study of congenital malformations of the genital system in the woman] Konstantinova B, et al.
Acta Univ Carol [Med Monogr] (Praha) 56:115-9, 1973 (Fre)
[Hydrostatic hyperpressures and survival of embryonal organs in chickens. Effect of compression speed] Mendel C, et al.
C R Acad Sci [D] (Paris) 276:817-20, 29 Jan 73 (Fre)

ENZYMOLGY

- [Hydrostatic hyperpressures and survival of embryonal organs in chickens. Effect of compression speed]

- Mendel C, et al.
C R Acad Sci [D] (Paris) 276:817-20, 29 Jan 73 (Fre)

GROWTH & DEVELOPMENT

- Effect of cyproterone, cyproterone acetate and ICI 46,474 on gonadal sex differentiation in *Rana esculenta*. Chieffl G, et al.
Gen Comp Endocrinol 22:532-5, Apr 74
[Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al.
Dtsch Tierärztl Wochenschr 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)

PHYSIOLOGY

- Homologous radioimmunoassay of thyrotrophin in rat plasma. Kleffer JD, et al.
Acta Endocrinol (Kbh) 76:495-505, Jul 74
Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974
The physiology of adolescence in man. Kulln HE.
J Mammal 55:133-44, May 74
Effects of light environment on emotionality and endocrine system of inbred mice. Mos L, et al.
Physiol Behav 12:981-9, Jun 74
[Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al.
Dtsch Tierärztl Wochenschr 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)
[Influence of ACTH and cortisol on gonadal function] Demisch K, et al.
Verh Dtsch Ges Inn Med 79:1252-5, 1973 (Ger)

PHYSIOPATHOLOGY

- [Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al.
Folia Endocrinol (Roma) 27:303-27, Jun 74 (Eng. Abstr.) (Ita)

RADIATION EFFECTS

- Treatment with unsealed radioisotopes. Greig WR, et al. *Br Med Bull* 29:63-8, Jan 73 (50 ref.)
Early adverse effects of radiation. McLean AS.
Br Med Bull 29:69-73, Jan 73 (33 ref.)
[Exposure of patients to ionizing radiation connected with the use of radionuclides in medical diagnostics] Baltrukiewicz Z.
Pol Przegl Radiol 38:77-83, 1974 (Eng. Abstr.) (Pol)
[Measurements of exposure dosage outside the radiation field under conditions of conventional radiotherapy and telecobalt therapy] Kobierska A, et al. *Pol Przegl Radiol* 38:67-70, 1974 (Eng. Abstr.) (Pol)
[Exposure of human gonads to x-ray dosage and conditions influencing the same during routine radiological diagnosis] Majle T, et al.
Pol Przegl Radiol 38:211-22, 1974 (Eng. Abstr.) (Pol)

SURGERY

- X-XY mosaicism with short y. Berger R, et al.
Clin Genet 5:211-7, 1974

GONADS

GONADS

TRANSPLANTATION

[Hydrostatic hyperpressures and survival of embryonal
organs in chickens. Effect of compression speed]
Mendel C, et al.
C R Acad Sci [D] (Paris) 276:817-20, 29 Jan 73 (Fre)

RESEARCH REPORT NO. 1000

Ovary

CORPUS LUTEUM

- Effect of synthetic luteinizing hormone releasing hormone on ovulation during the oestrous cycle in the rat. Morishita H, et al.
Acta Endocrinol (Kbh) 76:431-7, Jul 74
- The evolutionary history of the corpus luteum. Browning HC. *Biol Reprod* 8:128-57, Mar 73 (156 ref.)
- Proceedings: Comparison of steroid hormone production in the gonadotrophin-stimulated menstrual cycle with that found in the normal human menstrual cycle. Coutts JR, et al.
J Endocrinol 61:28-9, Apr 74
- Effect of cyproterone acetate on steroid levels and hirsutism in two female patients in a long-term study. Irvine WJ, et al. *J Endocrinol* 61:32-3, Apr 74
- Prostaglandin E2 prevents impairment of fertility in rats fed a diet deficient in essential fatty acids. Hafiez AA. *J Reprod Fertil* 38:273-86, Jun 74
- Implantation in rats treated neonatally with testosterone propionate. Kramen MA.
J Reprod Fertil 38:461-3, Jun 74
- The effect of lactation on the resumption of reproductive activity and the preOVULATORY RELEASE OF LH in Finn x Dorset ewes. Shevah Y, et al. *J Reprod Fertil* 38:369-78, Jun 74
- Proceedings: Modifications of the redox bioassay of luteinizing hormones. Kramer RM, et al.
N Engl J Med 291:ix, 11 Jun 74
- Serum progesterone values in the luteal phase defects. Effect of chorionic gonadotropin. Jones GS, et al. *Obstet Gynecol* 44:28-34, Jul 74
- The significance of prostaglandin production by the uterus. Poyser NL.
Pol J Pharmacol Pharm 26:189-203, Jan-Apr 74
- [Teratologic aspects of early abortion and its possible prevention] Dráč P.
Acta Univ Carol [Med Monogr] (Praha) 56:59-61, 1973 (Ger)

ANALYSIS

- Histochemical observations on the granulosa (follicular) cells in the preovulatory and postovulatory follicles of garden lizard ovary. Varma SK, et al. *Acta Anat (Basel)* 85:563-79, 1973

ANATOMY & HISTOLOGY

- Effect of prostaglandin F2alpha on corpora lutea in guinea pigs and Mongolian gerbils. Chalchareon DP, et al. *Am J Vet Res* 35:685-7, May 74
- Breeding activity, preimplantation development, and oviduct histology of the short-tailed fruit bat, *Carollia*, in captivity. De Bonilla H, et al.
Anat Rec 179:385-403, Jul 74
- Effect of actinomycin D on luteal regression induced by intrauterine devices. French LR, et al.
J Anim Sci 39:83-6, Jul 74
- Effect of suckling and associated factors on ovarian compensatory hypertrophy during lactation in the rat. Mena F, et al. *J Endocrinol* 61:317-30, Jun 74
- Production of prostaglandins by the early pregnant guinea-pig uterus. Walker FM, et al.
N Engl J Med 291:265-71, 11 Jun 74

BLOOD SUPPLY

- Dating of the human corpus luteum of menstruation using histological parameters. Visfeldt J, et al. *Acta Pathol Microbiol Scand [A]* 82:137-44, Jan 74
- The effect of prostaglandin F2alpha on ovarian blood flow and corpora lutea regression in the rabbit. Bruce NW, et al. *Nature* 249:176-7, 10 May 74

CYTOLOGY

- Dating of the human corpus luteum of menstruation using histological parameters. Visfeldt J, et al. *Acta Pathol Microbiol Scand [A]* 82:137-44, Jan 74

- The development of the ovary from birth to maturity in the bank vole (*Clethrionomys glareolus*) and the vole (*Microtus agrestis*). Peters H, et al.
Anat Rec 179:241-52, Jun 74
- Properties of gonadotropin receptors in the cell membranes of bovine corpus luteum. Rao CV.
J Biol Chem 249:2864-72, 10 May 74
- The ovulatory cycle. A histologic, thermal, steroid, and gonadotropin correlation. Lundy LE, et al.
Obstet Gynecol 44:14-25, Jul 74
- Relation between fine structure and function of the corpus luteum of wild ruminants. Kayanja FI, et al. *Zentralbl Veterinärmed [C]* 3:45-56, Mar 74

DRUG EFFECTS

- Possible mode of action of clomiphene. Chatterjee A, et al. *Acta Endocrinol (Kbh)* 75:173-80, Jan 74
- Luteolytic effects of prostaglandins in rat pregnancy, and reversal by luteinizing hormone. Fuchs AR, et al. *Acta Endocrinol (Kbh)* 76:583-96, Jul 74
- Effect of prostaglandin F2alpha on corpora lutea in guinea pigs and Mongolian gerbils. Chalchareon DP, et al. *Am J Vet Res* 35:685-7, May 74
- Gonadotropin regulation of nucleotide biosynthesis in corpus luteum. McKerns KW.
Biochemistry 12:5206-11, 4 Dec 73
- Intrauterine development after diapause in the marsupial *Macropus eugenii*. Renfree MB, et al.
Dev Biol 32:28-40, May 73
- Temporal aspects of the regulation of corpus luteum function by luteinizing hormone, prolactin and placental luteotrophin during the first half of pregnancy in the rat. Morishige WK, et al.
Endocrinology 95:280-74, Jul 74
- Effect of actinomycin D on luteal regression induced by intrauterine devices. French LR, et al.
J Anim Sci 39:83-6, Jul 74
- Properties of gonadotropin receptors in the cell membranes of bovine corpus luteum. Rao CV.
J Biol Chem 249:2864-72, 10 May 74
- Proceedings: The luteotrophic and lactogenic activities of prolactin, human chorionic somatomammotrophin and mouse placental extract on mice treated with an ergocornine derivative. Zumppe N, et al.
N Engl J Med 291:ix, 11 Jun 74
- The effect of prostaglandin F2alpha on ovarian blood flow and corpora lutea regression in the rabbit. Bruce NW, et al. *Nature* 249:176-7, 10 May 74
- Effects of prostaglandin F2alpha on human corpora lutea. An enzyme histochemical, ultrastructural, and hormonal study. Okamura H, et al.
Obstet Gynecol 44:127-34, Jul 74
- Effects of sequential treatment with estradiol and PGF2alpha on the length of the primate menstrual cycle. Shaikh AA, et al.
Prostaglandins 6:253-62, 10 May 74
- Control of the estrous cycle with prostaglandins. Downey BR.
Vet Med Small Anim Clin 69:880 passim, Jul 74 (49 ref.)
- [Histological study of the rat ovary. Effect of anaphylactic shock and pertussis vaccine] Becuş-Laurențiu M, et al.
Arch Roum Pathol Exp Microbiol 33:97-106, Mar 74 (Eng. Abstr.) (Fre)
- [Prostaglandins and their role in physiology of reproduction (author's transl)] Marchlewska-Koj A. *Przegl Lek* 31:382-7, 1974 (45 ref.) (Pol)

ENZYMOLGY

- The progesterone content of the fluid and the activity of the steroid-3beta-ol-dehydrogenase within the wall of the ovarian follicles. Friedrich F, et al.
Acta Endocrinol (Kbh) 76:343-52, Jun 74
- Gonadotropin regulation of nucleotide biosynthesis in corpus luteum. McKerns KW.
Biochemistry 12:5206-11, 4 Dec 73
- Steroid-synthesizing cellular sites in amphibian ovary.

GONADS

- A histochemical study. Saldapur SK, et al. *Gen Comp Endocrinol* 22:459-62, Apr 74
- Effects of prostaglandin F₂alpha on human corpora lutea. An enzyme histochemical, ultrastructural, and hormonal study. Okamura H, et al. *Obstet Gynecol* 44:127-34, Jul 74
- [The alkaline phosphatase as an exponent of the secretion of the rat ovary (author's transl)] Miękiewski K, et al. *Acta Histochem (Jena)* 47:148-52, 1973 (Eng. Abstr.) (Ger)

GROWTH & DEVELOPMENT

- The evolutionary history of the corpus luteum. Browning HC. *Biol Reprod* 8:128-57, Mar 73 (156 ref.)

METABOLISM

- The progesterone content of the fluid and the activity of the steroid-3beta-ol-dehydrogenase within the wall of the ovarian follicles. Friedrich F, et al. *Acta Endocrinol (Kbh)* 76:343-52, Jun 74
- A microspectrophotometric technique for determination of respiration in comparison to the Cartesian diver method. Respiratory activity of rat corpus luteum cells with reference to substrate. Herlitz H, et al. *Acta Physiol Scand* 90:594-601, Mar 74
- Gonadotropin regulation of nucleotide biosynthesis in corpus luteum. McKerns KW. *Biochemistry* 12:5206-11, 4 Dec 73
- Initiation of luteinization in rabbit Graafian follicles by dibutyryl cyclic AMP in vitro. Miller JB, et al. *Endocrinology* 95:253-9, Jul 74
- Adrenodoxin, ferredoxins and other iron-sulphur (nonheme-iron) proteins. I. Wickramasinghe RH, et al. *Enzyme* 17:210-26, 1974
- Properties of gonadotropin receptors in the cell membranes of bovine corpus luteum. Rao CV. *J Biol Chem* 249:2864-72, 10 May 74
- Proceedings: Binding of porcine 125 I-labelled luteinizing hormone by luteal tissues under superfused conditions. Leask JT, et al. *J Endocrinol* 61:xxii, Apr 74
- Binding of luteinizing hormone and human chorionic gonadotropin to ovarian cells and activation of adenylate cyclase. Koch Y, et al. *N Engl J Med* 291:179-91, 11 Jun 74
- Prostaglandin receptors in the bovine corpus luteum cell membranes. Rao CV. *Prostaglandins* 6:533-6, 25 Jun 74

PATHOLOGY

- Effects of prostaglandin F₂alpha on human corpora lutea. An enzyme histochemical, ultrastructural, and hormonal study. Okamura H, et al. *Obstet Gynecol* 44:127-34, Jul 74
- [Histological study of the rat ovary. Effect of anaphylactic shock and pertussis vaccine] Becus-Laurențiu M, et al. *Arch Roum Pathol Exp Microbiol* 33:97-106, Mar 74 (Eng. Abstr.) (Fre)

PHYSIOLOGY

- Dating of the human corpus luteum of menstruation using histological parameters. Visfeldt J, et al. *Acta Pathol Microbiol Scand [A]* 82:137-44, Jan 74
- The evolutionary history of the corpus luteum. Browning HC. *Biol Reprod* 8:128-57, Mar 73 (156 ref.)
- Intrauterine development after diapause in the marsupial *Macropus eugenii*. Renfree MB, et al. *Dev Biol* 32:28-40, May 73
- An inhibitory action of prolactin on isolated rabbit myometrium. Mati JK, et al. *East Afr Med J* 51:228-31, Feb 74
- Septal lesions: effects on lordosis behavior and pattern of gonadotropin release. Nance DM, et al. *Horm Behav* 5:73-81, Mar 74
- Effect of actinomycin D on luteal regression induced by intrauterine devices. French LR, et al. *J Anim Sci* 39:83-6, Jul 74
- Effects of month of breeding and feed level on ovulation and lambing rates of Panama ewes. Hulet CV, et al. *J Anim Sci* 39:73-8, Jul 74
- Prolonged pseudopregnancy in mice bearing ectopic trophoblastic tissue. Beyer G, et al. *J Endocrinol* 61:509-10, Jun 74
- Modifications in ovarian and pituitary function in the

- hysterectomized pregnant hamster. Greenwald GS. *J Endocrinol* 61:45-51, Apr 74
- The ovarian follicle of the sheep: inhibition of oestrogen secretion by luteinizing hormone. Moor RM. *J Endocrinol* 61:455-63, Jun 74
- Luteotrophic factors in the sheep. Denamur R. *J Reprod Fertil* 38:251-9, Jun 74 (65 ref.)
- Effects of oestradiol and prostaglandin F₂alpha on the timing of parturition in the rat. Dukes M, et al. *J Reprod Fertil* 38:325-34, Jun 74
- The demonstration that PGF₂alpha is the uterine luteolysin in the ewe. Goding JR. *J Reprod Fertil* 38:261-71, Jun 74 (54 ref.)
- Effects of prostaglandin F₂alpha on human corpora lutea. An enzyme histochemical, ultrastructural, and hormonal study. Okamura H, et al. *Obstet Gynecol* 44:127-34, Jul 74
- The IUD and prostaglandins: a review of the evidence. Thompson IE. *Obstet Gynecol* 42:617-20, Oct 73 (43 ref.)
- [Menstruation cycle] Bocci A. *Minerva Ginecol* 26:76-81, Feb 74 (Ita)
- [Firm points in the physiology of the human ovary] Forleo L, et al. *Minerva Ginecol* 26:65-75, Feb 74 (Ita)

PHYSIOPATHOLOGY

- Measurement of serum LH, FSH, estradiol and progesterone in disorders of the human menstrual cycle: the inadequate luteal phase. Sherman BM, et al. *J Clin Endocrinol Metab* 39:145-9, Jul 74
- [Increased androgen secretion by the ovaries and "hyperovarianism". Respective studies] Geller S, et al. *Nouv Presse Med* 3:809-10, 30 Mar 74 (Fre)

SECRETION

- Pituitary-ovarian interrelationships in the rat. Neill JD, et al. *Curr Top Exp Endocrinol* 2:73-106, 1974
- Factors affecting the dependency of LH in the regulation of corpus luteum progesterone secretion in the rat. Rothchild I, et al. *Endocrinology* 95:280-8, Jul 74
- Blood production and ovarian secretion rates of estradiol-17 beta and estrone in women throughout the menstrual cycle. Baird DT, et al. *J Clin Endocrinol Metab* 38:1009-17, Jun 74
- Measurement of serum LH, FSH, estradiol and progesterone in disorders of the human menstrual cycle: the inadequate luteal phase. Sherman BM, et al. *J Clin Endocrinol Metab* 39:145-9, Jul 74

GRAAFIAN FOLLICLE

- Development of the secondary interstitial gland in the rabbit ovary. Mori H, et al. *J Anat* 116:417-30, Dec 73
- Proceedings: Synergistic action of follicle-stimulating hormone and luteinizing hormone on oestrogen production by mouse ovaries in culture. Ryle M, et al. *J Endocrinol* 61:23, Apr 74
- Maturation and fertilization in vitro of guinea-pig ovarian oocytes. Yanagimachi R. *J Reprod Fertil* 38:485-8, Jun 74

ANALYSIS

- Histochemical observations on the granulosa (follicular) cells in the preovulatory and postovulatory follicles of garden lizard ovary. Varma SK, et al. *Acta Anat (Basel)* 85:563-79, 1973
- Morphology, histochemistry, and biochemistry of human oogenesis and ovulation. Guraya SS. *Int Rev Cytol* 37:121-51, 1974

ANATOMY & HISTOLOGY

- Effect of synthetic luteinizing hormone releasing hormone on ovulation during the oestrous cycle in the rat. Morishita H, et al. *Acta Endocrinol (Kbh)* 76:431-7, Jul 74
- Nutrition and ovarian activity of mares early in the breeding season. Niekerk CH van, et al. *J S Afr Vet Med Assoc* 43:351-60, Dec 72

CYTOLOGY

- Histochemical observations on the granulosa (follicular) cells in the preovulatory and postovulatory follicles of garden lizard ovary. Varma SK, et al. *Acta Anat (Basel)* 85:563-79, 1973

GONADS

Rate of follicular atresia following hypophysectomy of the trukey. Opel H. *Poult Sci* 53:825-7, Mar 74
The biosynthesis of estrogens by cow follicles. Lacroix E, et al. *Steroids* 23:337-56, Mar 74
[Behavior of human and rat cumulus granulosa cells in culture] Dekel N, et al.
Harefuah 86:285-8, 15 Mar 74 (Eng. Abstr.) (Heb)

DRUG EFFECTS

Acute effects of ovarian steroids upon follicular growth in the cycling rat. Hori T, et al.
Endocrinol Jap 20:475-82, Oct 73
Initiation of luteinization in rabbit Graafian follicles by dibutyl cyclic AMP in vitro. Miller JB, et al.
Endocrinology 95:253-9, Jul 74
The urinary excretion of oestrogens in cows treated with a synthetic gestagen (chlormadinone-acetate, CAP) for the control of oestrus. Lunaas T, et al.
Nord Vet Med 25:28-32, Jan 73

ENZYMOLGY

The progesterone content of the fluid and the activity of the steroid-3beta-ol-dehydrogenase within the wall of the ovarian follicles. Friedrich F, et al.
Acta Endocrinol (Kbh) 76:343-52, Jun 74

GROWTH & DEVELOPMENT

The development of the ovary from birth to maturity in the bank vole (*Clethrionomys glareolus*) and the vole (*Microtus agrestis*). Peters H, et al.
Anat Rec 179:241-52, Jun 74

METABOLISM

The progesterone content of the fluid and the activity of the steroid-3beta-ol-dehydrogenase within the wall of the ovarian follicles. Friedrich F, et al.
Acta Endocrinol (Kbh) 76:343-52, Jun 74
Binding of luteinizing hormone and human chorionic gonadotrophin to ovarian cells and activation of adenylate cyclase. Koch Y, et al.
N Engl J Med 291:179-91, 11 Jun 74
The biosynthesis of estrogens by cow follicles. Lacroix E, et al. *Steroids* 23:337-56, Mar 74

PATHOLOGY

The progesterone content of the fluid and the activity of the steroid-3beta-ol-dehydrogenase within the wall of the ovarian follicles. Friedrich F, et al.
Acta Endocrinol (Kbh) 76:343-52, Jun 74

PHYSIOLOGY

Acute effects of ovarian steroids upon follicular growth in the cycling rat. Hori T, et al.
Endocrinol Jap 20:475-82, Oct 73
Rate of follicular atresia following hypophysectomy of the trukey. Opel H. *Poult Sci* 53:825-7, Mar 74

RADIATION EFFECTS

Luteotrophic factors in the sheep. Denamur R.
J Reprod Fertil 38:251-9, Jun 74 (65 ref.)

SECRETION

Porcine spermatozoan respiration in the presence of porcine follicular fluid. Grotjan HE Jr, et al.
J Anim Sci 38:1235-8, Jun 74
Blood production and ovarian secretion rates of estradiol-17 beta and estrone in women throughout the menstrual cycle. Baird DT, et al.
J Clin Endocrinol Metab 38:1009-17, Jun 74
The ovarian follicle of the sheep: inhibition of oestrogen secretion by luteinizing hormone. Moor RM. *J Endocrinol* 61:455-63, Jun 74

TRANSPLANTATION

Initiation of luteinization in rabbit Graafian follicles by dibutyl cyclic AMP in vitro. Miller JB, et al.
Endocrinology 95:253-9, Jul 74

OVARY

Survival responses of dividing and nondividing mammalian cells after treatment with hydroxyurea, arabinosylcytosine, or adriamycin. Barranco SC, et al.
Cancer Res 34:1616-8, Jul 74
Discontinuous DNA synthesis in mammalian cells. Huberman JA, et al.
Cold Spring Harbor Symp Quant Biol 38:233-8, 1973
Sub-ribosomal particles of cultured Chinese-hamster cells. Relationship between RNA and protein components. Enger DM, et al.
Eur J Biochem 43:17-28, 15 Mar 74
Rotenone inhibition of spindle microtubule assembly in mammalian cells. Brinkley BR, et al.
Exp Cell Res 85:41-6, 30 Mar 74
Separation of clonogenic cells from stationary phase cultures by density gradient centrifugation. Grdina DJ, et al. *Exp Cell Res* 85:15-22, 30 Mar 74
DNA replication in eucaryotic nuclei. Evidence suggesting a specific model of replication. Hershey HV, et al. *Exp Cell Res* 85:79-88, 30 Mar 74
Isothiocyanato stilbene disulfonates are useful labels for the surface proteins of cultured mammalian cells. Julliano RL. *Exp Cell Res* 86:181-4, May 74
Effects of ionizing radiation upon intracellular levels of soluble microtubule protein in cultured mammalian cells. Noland BJ, et al. *Exp Cell Res* 85:234-8, Apr 74
Selective staining of cell nuclei with haematoxylin containing transitional metal cations. Dutt MK. *Experientia* 30:670-1, 15 Jun 74
A model for exposure to a semi-infinite cloud of a photon emitter. Poston JW, et al.
Health Phys 26:287-93, Apr 74
Letter: Gamma-ray induced thymine damage in mammalian cells. Roti JL, et al.
Int J Radiat Biol 25:413-7, Apr 74
Effect of dibutyl adenosine cyclic 3',5'-monophosphate and testolactone on concanavalin A binding and cell killing. Storrie B. *J Cell Biol* 62:247-52, Jul 74
Ribonucleic acid synthesis of vesicular stomatitis virus. VI. Correlation of defective particle RNA synthesis with standard RNA replication. Palma EL, et al.
J Mol Biol 85:127-36, 5 May 74
Destruction of hamster ovarian cell cultures by peritoneal macrophages from mice treated with *Corynebacterium granulosum*. Bafil I, et al.
J Natl Cancer Inst 52:1839-42, Jun 74
Epithelial cell cultures from normal glandular tissue of mice. Owens RB, et al.
J Natl Cancer Inst 53:261-9, Jul 74
Maturation and fertilization in vitro of guinea-pig ovarian oocytes. Yanagimachi R.
J Reprod Fertil 38:485-8, Jun 74
Measurements of mammalian cellular DNA and its localization in chromosomes. Deaven LL, et al.
Methods Cell Biol 8:179-204, 1974
Premature chromosome condensation. II. The nature of chromosome gaps produced by alkylating agents and ultraviolet light. Hittelman WN, et al.
Mutat Res 23:259-66, May 74
Premature chromosome condensation. I. Visualization of x-ray-induced chromosome damage in interphase cells. Hittelman WN, et al. *Mutat Res* 23:251-8, May 74
Isolation of a clone of Chinese hamster ovary cells deficient in plant lectin-binding sites. Gottlieb C, et al. *Proc Natl Acad Sci USA* 71:1078-82, Apr 74
Genetics of somatic mammalian cells: biochemical genetics of Chinese hamster cell mutants with deviant purine metabolism. Patterson D, et al.
Proc Natl Acad Sci USA 71:2057-61, May 74
Regulation of a specific uterine protein by estrogen and progesterone in ovariectomized rabbits. Bullock DW, et al. *Proc Soc Exp Biol Med* 146:294-8, May 74
Cell-cycle analysis in 20 minutes. Crissman HA, et al. *Science* 184:1297-8, 21 Jun 74
[The problem of giant ovarian cysts (author's transl)] Mehring W.
Geburtshilfe Frauenheilkd 34:195-7, Mar 74 (Eng. Abstr.) (Ger)
[Scanning electron microscopical studies on fallopian tube and ovary] Rosenbauer KA, et al.
Verh Anat Ges 67:625-31, 1972 (Eng. Abstr.) (Ger)

ABNORMALITIES

Extensive genitourinary anomalies associated with Klippel-Feil syndrome. Mecklenburg RS, et al.
Am J Dis Child 128:92-3, Jul 74

- A cytological and genetic study of oogenesis in *Drosophila melanogaster*. Bakken AH.
Dev Biol 33:100-22, Jul 73
[Primary ovarian insufficiency and its clinical classification] Bóaze P, et al.
Orv Hetil 115:70-3, 13 Jan 74 (Hun)

ANALYSIS

- Conversion of labelled cholesterol to neutral steroids by human ovaries perfused in vivo. Dell'Acqua S, et al.
Acta Endocrinol (Kbh) 75:368-78, Feb 74
Purification and characterization of porcine relaxin. Sherwood CD, et al.
Arch Biochem Biophys 160:185-96, Jan 74
Characterization of an endoribonuclease from *Xenopus* oocytes. Possible role in ribonucleic acid turnover. Berridge MV, et al. Biochemistry 13:2520-7, 4 Jun 74
Characterization and quantification of a crustacean lipovitellin. Fyffe WE, et al.
Comp Biochem Physiol [B] 47:851-67, 15 Apr 74
Proceedings: Effect of human chorionic gonadotrophin on in-vivo levels of cyclic AMP in rabbit ovaries. Goff AK, et al. N Engl J Med 291:1xxiv-xxv, 11 Jun 74
[Histological study of the rat ovary. Effect of anaphylactic shock and pertussis vaccine] Becus-Laurentiu M, et al.
Arch Roum Pathol Exp Microbiol 33:97-106, Mar 74 (Eng. Abstr.) (Fre)
[Biological determination of LH in menogonady] Chojecka H, et al.
Acta Pol Pharm 31:81-5, 1974 (Eng. Abstr.) (Pol)

ANATOMY & HISTOLOGY

- Possible mode of action of clomiphene. Chatterjee A, et al. Acta Endocrinol (Kbh) 75:173-80, Jan 74
Some antigonadotrophic effects of melatonin-free bovine pineal extracts in rats. Orts RJ, et al. Acta Endocrinol (Kbh) 76:438-48, Jul 74
Breeding activity, preimplantation development, and oviduct histology of the short-tailed fruit bat, *Carollia*, in captivity. De Bonilla H, et al. Anat Rec 179:385-403, Jul 74
Pituitary-pineal-endocrine relationships in Japanese quail. Oishi T, et al. Endocrinology 94:1735-8, Jun 74
Pineal control of photo-endocrine responses in growing Japanese quail. Oishi T, et al. Endocrinology 94:1731-4, Jun 74
Plasma and pituitary luteinizing hormone in intact and castrated tree sparrows (*Spizella arborea*) during a photoinduced gonadal cycle. Wilson FE, et al. Gen Comp Endocrinol 23:82-93, May 74
Effect of suckling and associated factors on ovarian compensatory hypertrophy during lactation in the rat. Mena F, et al. J Endocrinol 61:317-30, Jun 74
The relationship between the changes in the interrenal, gonadal and thyroidal tissue of the air breathing fish, *Heteropneustes fossilis* (Bloch) at different periods of the breeding cycle. Singh BR, et al. J Endocrinol 61:309-16, Jun 74
Symposium on reproduction of arthropods of medical and veterinary importance. V. Reproduction in Diptera of medical importance with special reference to mosquitoes. Barr AR.
J Med Entomol 11:35-40, 28 Mar 74 (29 ref.)
Nutrition and ovarian activity of mares early in the breeding season. Niekerk CH van, et al.
J S Afr Vet Med Assoc 43:351-60, Dec 72
Clinical assessment of reproductive function in female rhesus monkeys: individual physical examination. Van Pelt LF. Lab Anim 8:199-212, May 74
Food deprivation effects on some estrogen-sensitive responses in female rats. Rosen EF, et al. Physiol Behav 12:767-70, May 74
Effect of maternal diet on the response of Japanese quail to purified and practical diets. Chang CH, et al. Poult Sci 53:265-72, Jan 74
Eighteen-hour uptake of ¹³¹I by the thyroids and the ovaries of Japanese quail 1 day to 9 months of age. Robinson GA, et al. Poult Sci 53:401-6, Jan 74
Age-grading of *Culex pipiens fatigans* Wiedemann from different climatic zones in Ceylon. Lambrecht FL, et al.
Southeast Asian J Trop Med Public Health 5:76-9, Mar 74
[Stripe-photomicrography, a new exposure technique for continuous registrations on fixed and on moving objects of microscopy (author's transl)] Castenholz A. Microsc Acta 75:309-20, Mar 74 (Eng. Abstr.) (Ger)

- [Biological determination of FSH in menogonady] Chojecka H, et al.
Acta Pol Pharm 31:87-90, 1974 (Eng. Abstr.) (Pol)

BLOOD SUPPLY

- The incidence of unsuspected asymptomatic thrombophlebitis of pelvic veins associated with hysterectomy. Hayden GE.
Am J Obstet Gynecol 119:396-400, 1 Jun 74
Pelvic pain caused by venous thrombosis. Kauppi A. Ann Chir Gynaecol Fenn 63:43-7, 1974
Blood production and ovarian secretion rates of estradiol-17 beta and estrone in women throughout the menstrual cycle. Baird DT, et al.
J Clin Endocrinol Metab 38:1009-17, Jun 74
The effect of prostaglandin F₂alpha on ovarian blood flow and corpora lutea regression in the rabbit. Bruce NW, et al. Nature 249:176-7, 10 May 74
The significance of prostaglandin production by the uterus. Poyser NL.
Pol J Pharmacol Pharm 26:189-203, Jan-Apr 74
[Modifications of ovarian 17 beta estradiol in female rate treated by LH at the onset of 4 day cycles] Rozer S, et al.
C R Acad Sci [D] (Paris) 277:1799-801, 29 Oct 73 (Fre)
[Right ovarian vein syndrome associated with double right kidney and ureters] Barbosa E, et al.
Rev Paul Med 79:81-4, Apr 72 (Eng. Abstr.) (Spa)

CYTOLOGY

- The development of the ovary from birth to maturity in the bank vole (*Clethrionomys glareolus*) and the vole (*Microtus agrestis*). Peters H, et al.
Anat Rec 179:241-52, Jun 74
Cell types in the adenohipophysis of the puffer, *Fugu stictionotus*, with special reference to the basophils in the pars distalis. Chiba A, et al.
Arch Histol Jap 36:291-305, Mar 74
Quantitative aspects of ribosomal RNA synthesis during ovarian development in two mutants of *Drosophila melanogaster*. Puckett LD, et al.
Biochem Genet 11:249-60, Mar 74
Gonadotropin regulation of nucleotide biosynthesis in corpus luteum. McKerns KW.
Biochemistry 12:5206-11, 4 Dec 73
Differential light scattering from spherical mammalian cells. Brunsting A, et al. Biophys J 14:439-53, Jun 74
Nuclear morphology and nucleolar DNA synthesis during meiotic prophase in oocytes of the chick (*Gallus domesticus*). Wylie CC.
Cell Differ 1:325-34, Dec 72
Intrauterine development after diapause in the marsupial *Macropus eugenii*. Renfree MB, et al. Dev Biol 32:28-40, May 73
Steroid-synthesizing cellular sites in amphibian ovary. A histochemical study. Saidapur SK, et al.
Gen Comp Endocrinol 22:459-62, Apr 74
Development of the secondary interstitial gland in the rabbit ovary. Mori H, et al. J Anat 116:417-30, Dec 73
Under-replication of ribosomal clistrons in polytene chromosomes of *Rhynchosciara*. Gambarini AG, et al. J Cell Biol 62:215-22, Jul 74
Cell replication in the follicular epithelium of the adult mosquito. Laurence BR, et al.
J Insect Physiol 20:703-15, Apr 74
Symposium on reproduction of arthropods of medical and veterinary importance. I. Insect gametogenesis. King RC. J Med Entomol 11:1-7, 28 Mar 74 (28 ref.)
Biochemical changes during progesterone-induced maturation in *Xenopus laevis* oocytes. Brachet J, et al. Mol Cell Biochem 3:189-205, 30 May 74
Bacteroids in the ovaries of a tsetse fly. Huebner E, et al. Nature 249:260-1, 17 May 74
Scanning electron microscopy of human female genital tract. Ferenczy A, et al.
NY State J Med 74:794-802, May 74
[Relationship between the capacity of the ovary, length of the mother larva and number of progeny in the paedogenetic Diptera (Dipt., Itonididae)] Went DF. Rev Suisse Zool 80:751-61, 1973 (Eng. Abstr.) (Ger)
[Firm points in the physiology of the human ovary] Forleo L, et al. Minerva Ginecol 26:65-75, Feb 74 (Ita)

DRUG EFFECTS

- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. Acta Endocrinol (Kbh) 75:209-20, Feb 74
Effects of norethisterone on pituitary and ovarian

- function. Collins WP, et al.
Acta Endocrinol (Kbh) 75:357-67, Feb 74
 Conversion of labelled cholesterol to neutral steroids by human ovaries perfused in vivo. Dell'Acqua S, et al.
Acta Endocrinol (Kbh) 75:368-78, Feb 74
 Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hipkin LJ. *Acta Endocrinol (Kbh)* 75:141-7, Jan 74
 Some antigonadotrophic effects of melatonin-free bovine pineal extracts in rats. Orts RJ, et al.
Acta Endocrinol (Kbh) 76:438-48, Jul 74
 Effect of estradiol on the mouse female reproductive system in organ culture. Stadnicka A, et al.
Acta Histochem (Jena) 46:267-80, 1973
 Failure of adrenalectomy to influence the acute effect of FSH on ovarian metabolism. Nilsson L.
Acta Physiol Scand 91:139-41, May 74
 Effect of human menopausal gonadotrophin on amino acid transport in the prepubertal rat ovary. Selstam G, et al. *Acta Physiol Scand* 90:798-800, Apr 74
 Effects of oestradiol on different cell types. King RJ, et al. *Adv Exp Med Biol* 44:367-81, Jun 74
 Low dose lynestrenol as a contraceptive influence on ovarian function. Järvinen PA, et al.
Ann Clin Res 6:109-14, Apr 74
 Technical aspects of the redox bioassay for luteinizing hormone. Kramer RM, et al.
Clin Endocrinol (Oxf) 3:375-81, Jul 74
 Inhibition by corpora atretica of ovarian sensitivity to environmental and hormonal stimulation in the lizard, *Anolis carolinensis*. Crews D, et al.
Endocrinology 95:102-6, Jul 74
 Ovarian secretion of pregnane compounds during the estrous cycle and pregnancy in rats. Ichikawa S, et al.
Endocrinology 94:1615-20, Jun 74
 Separation of two distinct gonadotropins from the pituitary gland of the bullfrog *Rana catesbeiana*. Licht P, et al. *Endocrinology* 94:1587-94, Jun 74
 Effects of thyroidectomy on ovarian compensatory hypertrophy in rats. Jones RC, et al.
Experientia 30:432-3, 15 Apr 74
 Gonadotropins and preantral follicular maturation in women. Ross GT.
Fertil Steril 25:522-43, Jun 74 (85 ref.)
 Effect of monosodium glutamate on the endocrine glands and on the reproductive function of the rat. Trentini GP, et al. *Fertil Steril* 25:478-83, Jun 74
 The effects of melatonin treatment on gonosomatic index in the teleost, *Fundulus similis*, and the tree frog, *Hyla cinerea*. De Vlamming VL, et al.
Gen Comp Endocrinol 22:433-8, Apr 74
 Ecdysone-mediated stimulation of DOPA decarboxylase activity and its relationship to ovarian development in *Aedes aegypti*. Schlaeger DA, et al.
J Cell Biol 61:454-65, May 74
 Proceedings: Some histochemical changes in immature mouse ovaries after gonadotrophin treatment. Kent J.
J Endocrinol 61:xxix-xxii, Apr 74
 Effect of neonatal administration of different androgens in the female rat: correlation between aromatization and the induction of sterilization. McDonald PG, et al. *J Endocrinol* 61:95-103, Apr 74
 Effect of suckling and associated factors on ovarian compensatory hypertrophy during lactation in the rat. Mena F, et al. *J Endocrinol* 61:317-30, Jun 74
 Proceedings: Synergistic action of follicle-stimulating hormone and luteinizing hormone on oestrogen production by mouse ovaries in culture. Ryle M, et al.
J Endocrinol 61:23, Apr 74
 Prostaglandin E2 prevents impairment of fertility in rats fed a diet deficient in essential fatty acids. Hafiez AA. *J Reprod Fertil* 38:273-86, Jun 74
 Proceedings: Pharmacology of reproduction. II. Evaluation of prostaglandins on ovarian prostestins by the intact and hypophysectomized rats. Hirai M, et al.
Jap J Pharmacol 24:Suppl:127, 1974
 Biochemical changes during progesterone-induced maturation in *Xenopus laevis* oocytes. Brachet J, et al.
Mol Cell Biochem 3:189-205, 30 May 74
 Proceedings: Effect of human chorionic gonadotrophin on in-vivo levels of cyclic AMP in rabbit ovaries. Goff AK, et al. *N Engl J Med* 291:xxiv-xxv, 11 Jun 74
 The effect of prostaglandin F2alpha on ovarian blood flow and corpora lutea regression in the rabbit. Bruce NW, et al. *Nature* 249:176-7, 10 May 74
 Prostaglandins in reproduction. Moghissi KS.
Obstet Gynecol Annu 1:297-337, 1972 (151 ref.)
 Prostaglandin receptors in the bovine corpus luteum cell membranes. Rao CV.
Prostaglandins 6:533-6, 25 Jun 74

- [Histological study of the rat ovary. Effect of anaphylactic shock and pertussis vaccine]
 Becuş-Laurențiu M, et al.
Arch Roum Pathol Exp Microbiol 33:97-106, Mar 74 (Eng. Abstr.) (Fre)
 [Biological determination of FSH in menogonadyl]
 Chojecka H, et al.
Acta Pol Pharm 31:87-90, 1974 (Eng. Abstr.) (Pol)
 [Excretion of estrogens and pregnanediol in women with hydatic mole treated with methotrexate]
 Skriuchenkova VA, et al.
Akush Ginekol (Mosk) 49:68-9, Nov 73 (Rus)
 [Reflex factors that modify the reserpine effect on the ovulation (author's transl)] González-Barón S, et al.
Rev Esp Fisiol 29:279-88, Dec 73 (Eng. Abstr.) (Spa)
 [Effects of reserpine on the ovulation (author's transl)] González-Barón S, et al.
Rev Esp Fisiol 29:189-95, Sept 73 (Eng. Abstr.) (Spa)
 [Some changes in ovarian functions in women who have been in contact with organochlorine compounds]
 Blekherman NA, et al.
Pediatr Akush Ginekol 2:57-9, 1973 (Ukr)

EMBRYOLOGY

- Editorial. Behrman SJ. *Fertil Steril* 25:521, Jun 74
 Effects of gonadal hormones on urinary behavior in dogs. Beach FA. *Physiol Behav* 12:1005-13, Jun 74
 Influence of gonadal hormone administration and gonadal implantation on the compensatory growth of the embryonic chicken right ovary after early unilateral castration. Groenendijk-Huijbers MM.
Verh Anat Ges 67:193-6, 1972

ENZYMOLGY

- Effect of estradiol on the mouse female reproductive system in organ culture. Stadnicka A, et al.
Acta Histochem (Jena) 46:267-80, 1973
 The synthesis of amplified ribosomal DNA.
 Tocchini-Valentini GP, et al.
Cold Spring Harbor Symp Quant Biol 38:551-8, 1973
 Endocrine control of clutch size in reptiles. 3. Delta5-3beta-hydroxysteroid dehydrogenase activity in different-sized ovarian follicles of *Anolis carolinensis*. Jones RE, et al.
Gen Comp Endocrinol 22:448-53, Apr 74
 Steroid-synthesizing cellular sites in amphibian ovary. A histochemical study. Saidapur SK, et al.
Gen Comp Endocrinol 22:459-62, Apr 74
 Development of the secondary interstitial gland in the rabbit ovary. Mori H, et al. *J Anat* 116:417-30, Dec 73
 Proceedings: Some histochemical changes in immature mouse ovaries after gonadotrophin treatment. Kent J.
J Endocrinol 61:xxix-xxii, Apr 74
 Binding of luteinizing hormone and human chorionic gonadotrophin to ovarian cells and activation of adenylate cyclase. Koch Y, et al.
N Engl J Med 291:179-91, 11 Jun 74
 [Histological study of the rat ovary. Effect of anaphylactic shock and pertussis vaccine]
 Becuş-Laurențiu M, et al.
Arch Roum Pathol Exp Microbiol 33:97-106, Mar 74 (Eng. Abstr.) (Fre)
 [The alkaline phosphatase as an exponent of the secretion of the rat ovarium (author's transl)] Miękiewski K, et al.
Acta Histochem (Jena) 47:148-52, 1973 (Eng. Abstr.) (Ger)

GROWTH & DEVELOPMENT

- The development of the ovary from birth to maturity in the bank vole (*Clethrionomys glareolus*) and the vole (*Microtus agrestis*). Peters H, et al.
Anat Rec 179:241-52, Jun 74
 Dopa decarboxylase activity in *Aedes aegypti*: a preadult profile and its subsequent correlation with ovarian development. Schlaeger DA, et al.
Dev Biol 38:209-19, Jun 74
 Gonadotropins and preantral follicular maturation in women. Ross GT.
Fertil Steril 25:522-43, Jun 74 (85 ref.)
 Steroid-synthesizing cellular sites in amphibian ovary. A histochemical study. Saidapur SK, et al.
Gen Comp Endocrinol 22:459-62, Apr 74
 Development of the secondary interstitial gland in the rabbit ovary. Mori H, et al. *J Anat* 116:417-30, Dec 73
 Ecdysone-mediated stimulation of DOPA decarboxylase activity and its relationship to ovarian

- development in *Aedes aegypti*. Schlaeger DA, et al. *J Cell Biol* 61:454-65, May 74
- [Quantitative study on the postnatal growth of *Rattus norvegicus* Berkenhout under normal and statically changed conditions. V. Urogenital organs (kidney, testis, ovary)] Schumacher GH, et al. *Acta Anat (Basel)* 85:477-98, 1973 (Eng. Abstr.) (Ger)
- [Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al. *Dtsch Tierärztl Wochenschr* 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)

IMMUNOLOGY

- Distribution of basic azo-dye-binding protein in normal rat tissues and carcinogen-induced liver tumors. Bannikov GA, et al. *Int J Cancer* 11:398-411, 15 Mar 73
- Some characteristics of the zona pellucida antigen in the hamster. Garavagno A, et al. *J Exp Zool* 189:37-50, Jul 74
- Editorial: Immunological changes in women. *Lancet* 1:909-10, 11 May 74

INJURIES

- The influence of ovarian sonication on fetal development in the rat. Garrison BM, et al. *J Clin Ultrasound* 1:316-9, Dec 73

METABOLISM

- Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al. *Acta Endocrinol (Kbh)* 76:214-34, Jun 74
- Conversion of labelled cholesterol to neutral steroids by human ovaries perfused in vivo. Dell'Acqua S, et al. *Acta Endocrinol (Kbh)* 75:368-78, Feb 74
- Failure of adrenalectomy to influence the acute effect of FSH on ovarian metabolism. Nilsson L. *Acta Physiol Scand* 91:139-41, May 74
- Effect of human menopausal gonadotrophin on amino acid transport in the prepubertal rat ovary. Selstam G, et al. *Acta Physiol Scand* 90:798-800, Apr 74
- Chemical and biological properties of the subunits of pregnant mare serum gonadotropin. Papkoff H. *Biochem Biophys Res Commun* 58:397-404, 20 May 74
- Quantitative aspects of ribosomal RNA synthesis during ovarian development in two mutants of *Drosophila melanogaster*. Puckett LD, et al. *Biochem Genet* 11:249-80, Mar 74
- Luteinizing hormone and human chorionic gonadotropin: structure and activity. Jutisz M, et al. *Curr Top Exp Endocrinol* 2:195-246, 1974
- Testosterone concentrations in the peripheral plasma of adrogenized female rats and in the estrous cycle of normal female rats. Falvo RE, et al. *Endocrinology* 95:26-9, Jul 74
- A comparison of the properties of FSH from several species as determined by a rat testis tubule receptor assay. Reichert LE Jr, et al. *Gen Comp Endocrinol* 23:111-7, May 74
- Under-replication of ribosomal cistrons in polytene chromosomes of *Rhynchosciara*. Gambarini AG, et al. *J Cell Biol* 62:215-22, Jul 74
- Proceedings: Gonadal steroid synthesis in the Virginian opossum, *Didelphis marsupialis*. Cook B, et al. *J Endocrinol* 61:ix, Apr 74
- Biosynthesis of lipovitellin by the crustacean ovary. Lui CW, et al. *J Exp Zool* 188:289-96, Jun 74
- Proceedings: Pharmacology of reproduction. II. Evaluation of prostaglandins on ovarian progestins by the intact and hypophysectomized rats. Hirai M, et al. *Jap J Pharmacol* 24:Suppl:127, 1974
- Biochemical changes during progesterone-induced maturation in *Xenopus laevis* oocytes. Brachet J, et al. *Mol Cell Biochem* 3:189-205, 30 May 74
- Binding of luteinizing hormone and human chorionic gonadotropin to ovarian cells and activation of adenylate cyclase. Koch Y, et al. *N Engl J Med* 291:179-91, 11 Jun 74
- Eighteen-hour uptake of ¹³¹I- by the thyroids and the ovaries of Japanese quail 1 day to 9 months of age. Robinson GA, et al. *Poult Sci* 53:401-6, Jan 74
- Isolation of a clone of Chinese hamster ovary cells deficient in plant lectin-binding sites. Gottlieb C, et al. *Proc Natl Acad Sci USA* 71:1078-82, Apr 74
- Effect of hypophysectomy and pretreatment on uptake and retention of estradiol by the ovary. Saiduddin S, et al. *Proc Soc Exp Biol Med* 146:513-7, Jun 74

- [Hormone-analytic methods in gynecological endocrinology] Breckwoldt M, et al. *Fortschr Med* 92:725-6, 13 Jun 74 (Ger)
- [Menstruation cycle] Bocci A. *Minerva Ginecol* 26:76-81, Feb 74 (Ita)
- [Firm points in the physiology of the human ovary] Forleo L, et al. *Minerva Ginecol* 26:85-75, Feb 74 (Ita)

MICROBIOLOGY

- Bacteroids in the ovaries of a tsetse fly. Huebner E, et al. *Nature* 249:260-1, 17 May 74

PATHOLOGY

- Brenner tumors and Walthard cell nests. Bransilver BR, et al. *Arch Pathol* 98:76-86, Aug 74
- A case report of pyometra in the leopard (*Panthera pardus*). Munro R, et al. *Br Vet J* 130:175-9, Mar-Apr 74
- Gonadotropins and preantral follicular maturation in women. Ross GT. *Fertil Steril* 25:522-43, Jun 74 (85 ref.)
- Malakoplakia—a report of two cases with review of the literature. Alkat BK, et al. *Indian J Pathol Bacteriol* 16:64-70, Oct 73
- Comparative effects of hypophysectomy, ergocornine and ergocornine-reserpine treatments on rat mammary carcinoma. Welsch CW, et al. *Int J Cancer* 12:206-12, 15 Jul 73
- Premature ovarian failure in a triple X female. Smith HC, et al. *J Obstet Gynaecol Br Commonw* 81:405-9, May 74
- Obesity induced by monosodium glutamate in mice. Matsuyama S, et al. *Natl Inst Anim Health Q (Tokyo)* 13:91-101, Summer 73
- Adnexal masses: report of two cases. Field CA. *Nebr Med J* 57:81-7, Mar 72
- Scanning electron microscopy of human female genital tract. Ferenczy A, et al. *NY State J Med* 74:794-802, May 74
- Etiology and treatment of dysfunctional uterine bleeding. Aksel S, et al. *Obstet Gynecol* 44:1-13, Jul 74
- Hyperthecosis syndrome. Farber M, et al. *Obstet Gynecol* 44:35-41, Jul 74
- Acromegaly in a gravida and her infant. Fisch RO, et al. *Obstet Gynecol* 43:861-6, Jun 74
- Incidence of gonadal cancer in the quahog. Mercenaria mercenaria. Barry MM, et al. *Oncology* 26:87-96, 1972
- Immunogenetic factors in the survival of ovarian transplants. Goldman MB. *Transplantation* 17:518-23, May 74
- [Histological study of the rat ovary. Effect of anaphylactic shock and pertussis vaccine] Becus-Laurentiu M, et al. *Arch Roum Pathol Exp Microbiol* 33:97-106, Mar 74 (Eng. Abstr.) (Fre)
- [Etiology and pathologic anatomy of salpingitis] Cerbonnet G, et al. *Rev Prat* 24:481-4 passim, 1 Feb 74 (Fre)
- [A variety of Turner's syndrome, with normal ovaries and idiopathic cardiac hypertrophy] Montoro Marín P, et al. *Rev Iber Endocrinol* 21:241-62, May 74 (Eng. Abstr.) (Spa)

PHYSIOLOGY

- Comparison of alpha- and beta-receptor stimulation in the circular and longitudinal muscle of the oestrogen and progesterone dominated rabbit uterus. Nesheim BI. *Acta Pharmacol Toxicol (Kbh)* 34:295-304, Apr 74
- Effect of castration on cholesterol metabolism and hepatic cytochrome P-450 in piperazine-treated male and female rabbits. West CE, et al. *Aust J Exp Biol Med Sci* 52:185-92, Feb 74
- Synthesis and biological properties of (D-Ala-6, des-Gly-NH₂-10)-LH-RH ethylamide, a peptide with greatly enhanced LH- and FSH-releasing activity. Coy DH, et al. *Biochem Biophys Res Commun* 57:335-40, 25 Mar 74
- The role of estradiol in the equilibrium binding of estrogen receptor to rabbit uterine chromatin. Chatkoff ML, et al. *Biochim Biophys Acta* 343:480-91, 24 May 74
- The interrelation of glucagon and gonadectomy upon hepatic triglyceride metabolism in rats. Weinstein I, et al. *Biochim Biophys Acta* 348:14-22, 26 Apr 74
- The effect of ovarian steroids on the accumulation of ³H-labelled monoamines by hypothalamic tissue in

- vitro. Endersby CA, et al. *Brain Res* 73:321-31, 20 Jun 74
- Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al. *Brain Res* 74:279-303, 12 Jul 74
- In vitro maturation response of oocytes of the catfish *Heteropneustes fossilis* (Bloch) to salmon gonadotropin in ovary-head kidney co-culture. Goswami SV, et al. *Can J Zool* 52:745-8, Jun 74
- Comparative responses of *Peromyscus* (white-footed mice) to estradiol benzoate. Finlay MF. *Comp Biochem Physiol [A]* 48:229-36, 1 Jun 74
- Seasonal changes in calcium, magnesium, copper and zinc content in the liver of the common frog, *Rana temporaria* L. Pasanen S, et al.
- Comp Biochem Physiol [A]* 48:27-36, 1 May 74
- Pituitary-ovarian interrelationships in the rat. Neill JD, et al. *Curr Top Exp Endocrinol* 2:73-106, 1974
- Intrauterine development after diapause in the marsupial *Macropus eugenii*. Renfree MB, et al. *Dev Biol* 32:28-40, May 73
- Inhibition by corpora atretica of ovarian sensitivity to environmental and hormonal stimulation in the lizard, *Anolis carolinensis*. Crews D, et al.
- Endocrinology* 95:102-6, Jul 74
- Effects of castration and hormone replacement in fully adult male rhesus monkeys (*Macaca mulatta*). Micheal RP, et al. *Endocrinology* 95:150-9, Jul 74
- Divergent effects of infused progesterone on the reflexive release of oxytocin in ovariectomized goats variously treated with 17beta-estradiol. Roberts JS. *Endocrinology* 94:1531-5, Jun 74
- Effect of hemiovariectomy and strain of rat on serum gonadotropin levels. Howland BE, et al. *Experientia* 30:653-4, 15 Jun 74
- Effects of thyroidectomy on ovarian compensatory hypertrophy in rats. Jones RC, et al. *Experientia* 30:432-3, 15 Apr 74
- Editorial. Behrman SJ. *Fertil Steril* 25:521, Jun 74
- Mechanisms regulating ovarian cycle in the toad *Bufo bufo* (L.): role of presence of second growth phase oocytes in controlling recruitment from pool of first growth phase oocytes. Barker Jorgensen C. *Gen Comp Endocrinol* 23:170-7, Jun 74
- Effect of exogenous estradiol-17 beta on vitellogenic oocyte growth in ovaries of the toad *Bufo bufo* (L.) during the postspawning period. Jorgensen CB. *Gen Comp Endocrinol* 23:164-9, Jun 74
- Plasma and pituitary luteinizing hormone in intact and castrated tree sparrows (*Spizella arborea*) during a photoinduced gonadal cycle. Wilson FE, et al. *Gen Comp Endocrinol* 23:82-93, May 74
- Suppression of lordosis in guinea pigs by ethamoxy-triphetol (MER-25) given at long intervals (34-46 hr) after estradiol benzoate treatment. Feder HH, et al. *Horm Behav* 5:63-71, Mar 74
- Neonatal androgen and sexual behavior in female house mice. Manning A, et al. *Horm Behav* 5:19-31, Mar 74
- Independence of progesterone-induced facilitation and inhibition of lordosis behavior in ovariectomized guinea pigs. Morin LP, et al. *Horm Behav* 5:7-12, Mar 74
- Androgenic stimulation of aggression eliciting cues in adult opponent mice castrated at birth, weaning, or maturity. Mugford RA. *Horm Behav* 5:93-102, Mar 74
- Progesterone and the ovarian-adrenal modulation of energy balance in rats. Ross GE, et al. *Horm Behav* 5:43-62, Mar 74
- Effects of an estrogen antagonist, MER-25, on mounting behavior and lordosis behavior in the female rat. Södersten P. *Horm Behav* 5:111-21, Mar 74
- Effect of ovariectomy on tritiated thymidine incorporation into DNA of 'non-target' organs of the mouse. Venza-Teti D. *Horm Res* 5:187-92, 1974
- Effect of human placental lactogen on growth of carcinogen-induced mammary tumors in rats. Nagasawa H, et al. *Int J Cancer* 11:131-7, 15 Jan 73
- Endocrine interactions in regulation of body weight by female rats. Stern JJ, et al. *J Comp Physiol Psychol* 86:926-9, May 74
- Modifications in ovarian and pituitary function in the hysterectomized pregnant hamster. Greenwald GS. *J Endocrinol* 61:45-51, Apr 74
- Effect of suckling and associated factors on ovarian compensatory hypertrophy during lactation in the rat. Mena F, et al. *J Endocrinol* 61:317-30, Jun 74
- Symposium on reproduction of arthropods of medical and veterinary importance. VI. Reproduction in the females of some hematophagous insects. Davey KG. *J Med Entomol* 11:40-5, 28 Mar 74 (27 ref.)
- The demonstration that PGF α is the uterine luteolysin in the ewe. Goding JR. *J Reprod Fertil* 38:261-71, Jun 74 (54 ref.)
- Implantation in rats treated neonatally with testosterone propionate. Kramen MA. *J Reprod Fertil* 38:461-3, Jun 74
- Further analysis of the CNS regulation of adenylophophysial LH release: facilitation of the ovulatory LH surge by oestrogen and progesterone. Barraclough CA, et al.
- J Reprod Fertil [Suppl]* 20:61-96, Dec 73 (40 ref.)
- Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al.
- J Reprod Fertil [Suppl]* 20:43-59, Dec 73 (32 ref.)
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
- Nutrition and ovarian activity of mares early in the breeding season. Niekerk CH van, et al. *J S Afr Vet Med Assoc* 43:351-60, Dec 72
- Editorial: Immunological changes in women. *Lancet* 1:909-10, 11 May 74
- Biochemical changes during progesterone-induced maturation in *Xenopus laevis* oocytes. Brachet J, et al. *Mol Cell Biochem* 3:189-205, 30 May 74
- Vaginal mucification in the ovariectomized rat in response to 5alpha-pregnane-3,20-dione, testosterone and 5alpha-androstan-17beta-ol-3-one: test for progestogenic activity. Kennedy TG. *N Engl J Med* 291:293-300, 11 Jun 74
- The ovulatory cycle. A histologic, thermal, steroid, and gonadotropin correlation. Lundy LE, et al. *Obstet Gynecol* 44:14-25, Jul 74
- Effects of cyproterone acetate on growth and feeding in rats. Vilberg TR, et al.
- Pharmacol Biochem Behav* 2:309-16, May 74
- Food intake and body weight modifications following medial hypothalamic hormone implants in female rats. Jankowiak R, et al.
- Physiol Behav* 12:875-9, May 74
- Electrical stimulation of forebrain structures and its effect on copulatory as well as stimulus-bound behavior in ovariectomized hormone-primed rats. Moss RL, et al. *Physiol Behav* 12:997-1004, Jun 74
- Maternal behavior in the rat: aspects of concaveation and neonatal androgen treatment. Quadagno DM. *Physiol Behav* 12:1071-4, Jun 74
- Sex hormones and kinetics of anaphylactic histamine release. Conrad MJ, et al.
- Physiol Chem Phys* 6:11-6, 1974
- Estrogen-related increases in uterine guanosine 3':5'-cyclic monophosphate levels. Kuehl FA Jr, et al. *Proc Natl Acad Sci USA* 71:1866-70, May 74
- Increased in vitro pituitary response to LH-RH after in vivo estrogen treatment. Hobson W, et al. *Proc Soc Exp Biol Med* 146:470-4, Jun 74
- The influence of progesterone on adrenocortical function in the rat. Rodier WI 3d, et al. *Proc Soc Exp Biol Med* 146:376-80, Jun 74
- Endocrine profiles in the clinical laboratory. Bacchus H. *Frog Clin Pathol* 4:1-110, 1972 (217 ref.)
- The effect of exogenous progesterone on the rate of blood flow of the uterus of ovariectomized sheep. Caton D, et al. *Q J Exp Physiol* 59:225-31, Jul 74
- Effect of estradiol on the hypothalamic regulation of body weight in the rat. Reynolds RW, et al. *Res Commun Chem Pathol Pharmacol* 7:715-24, Apr 74
- Simultaneous radioimmunoassay of testosterone and dihydrotestosterone. Barberia JM, et al. *Steroids* 23:757-66, May 74
- The biological profile of a new synthetic progestagen--GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74
- The progestational and anti-estrogenic activities of some novel 11beta-substituted steroids. Gilbert HG, et al. *Steroids* 23:585-602, Apr 74
- Genetic regulation of hormone action: selective effects of progesterone and dihydroprogesterone (5alpha-pregnane-3,20-dione) on sexual receptivity in mice. Gorzalka BB, et al. *Steroids* 23:499-505, Apr 74
- 2Alpha, 3alpha-epithio-5alpha-androstan-17beta-YL 1-methoxycyclopentyl ether (10364-S), a new orally active anti-estrogenic steroid. Miyake T, et al. *Steroids* 23:929-37, Jun 74

[Comparative study of tests for the determination of the functional status of the ovaries in cows] Bogdanov M. *Vet Med Nauki* 10:73-80, 1973 (Eng. Abstr.) (Bul)

[Histochemical and ultrastructural study of the secretion from neurosecretory pericaryons of the pars intercerebralis of the wasp *Polybia*] Strambi A, et al.

Acta Histochem (Jena) 46:101-19, 1973 (Eng. Abstr.) (Fre)

[Variation in embryonic and placental weights in the primiparous sow at day 30 of gestation] Legault C, et al.

Ann Biol Anim Biochim Biophys 13:25-36, 1973 (Eng. Abstr.) (Fre)

[The proliferative activity of the epithelial cells of the human fallopian tube as a function of the ovarian cycle (author's transl)] Dedes M, et al.

Arch Gynaecol 216:133-44, 12 Mar 74 (Eng. Abstr.) (Ger)

[Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al.

Dtsch Tierärztl Wochenschr 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)

[Letter: Sequelae of hysterectomy] Lauritzen C. *Med Klin* 69:509-10, 22 Mar 74 (Ger)

[Menstruation cycle] Bocci A. *Minerva Ginecol* 26:76-81, Feb 74 (Ita)

[Puberty] Durando C. *Minerva Ginecol* 26:82-5, Feb 74 (Ita)

[Firm points in the physiology of the human ovary] Forleo L, et al. *Minerva Ginecol* 26:65-75, Feb 74 (Ita)

[Precocious menopause] Lenzi G. *Minerva Ginecol* 26:186-91, Mar 74 (Ita)

[Hypothalamo-hypophyseal system in the control of gonadic function] Martini L. *Minerva Ginecol* 26:62-4, Feb 74 (Ita)

[Effect of different conditions and work schedule on ovarian function in women] Kavrykova K, et al.

Gig Tr Prof Zabol 18:40-1, Jan 74 (Rus)

PHYSIOPATHOLOGY

The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al.

J Clin Endocrinol Metab 39:81-95, Jul 74

Premature ovarian failure in a triple X female. Smith HC, et al.

J Obstet Gynaecol Br Commonw 81:405-9, May 74

Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al. *Obstet Gynecol* 44:42-6, Jul 74

[Increased androgen secretion by the ovaries and "hyperovarianism". Respective studies] Geller S, et al.

Nouv Presse Med 3:809-10, 30 Mar 74 (Fre)

[Effect of different conditions and work schedule on ovarian function in women] Kavrykova K, et al.

Gig Tr Prof Zabol 18:40-1, Jan 74 (Rus)

[Study of the hormonal gonadal function in diabetic women] López Villegas J, et al.

Ginecol Obstet Mex 35:9-14, Jan 74 (Eng. Abstr.) (Spa)

RADIATION EFFECTS

Induction and isolation of auxotrophic mutants in mammalian cells. Kao FT, et al.

Methods Cell Biol 8:23-39, 1974 (35 ref.)

SECRETION

Ovarian secretion of pregnane compounds during the estrous cycle and pregnancy in rats. Ichikawa S, et al. *Endocrinology* 94:1615-20, Jun 74

Letter: Oestradiol 17beta: inhibitor of placental growth. Csapo A, et al. *Lancet* 2:51-2, 6 Jul 74

[Modifications of ovarian 17 beta estradiol in female rate treated by LH at the onset of 4 day cycles] Roser S, et al.

C R Acad Sci [D] (Paris) 277:1799-801, 29 Oct 73 (Fre)

[Increased androgen secretion by the ovaries and "hyperovarianism". Respective studies] Geller S, et al.

Nouv Presse Med 3:809-10, 30 Mar 74 (Fre)

[Primary ovarian insufficiency and its clinical classification] Bösze P, et al.

Orv Hetil 115:70-3, 13 Jan 74 (Hun)

SURGERY

Variation of nuclear size of neurons of the ventromedial nucleus in relation to spermatogenesis in the squirrel monkey (*Saimiri sciureus*). Bubenik GA, et al. *Experientia* 30:378-9, 15 Apr 74

Peritoneal gliomatosis produced by ovarian teratomas. Nogales FF Jr, et al. *Obstet Gynecol* 43:915-20, Jun 74

Ureteral obstruction caused by hemorrhagic corpus luteum cyst. Shah MS, et al. *Urology* 3:770-3, Jun 74

[Hormone therapy of breast carcinoma] Bruni B. *G Batteriol Virol Immunol [Clin]* 15:36-64, Jan-Aug 72 (Ita)

TRANSPLANTATION

The significance of prostaglandin production by the uterus. Poyser NL.

Pol J Pharmacol Pharm 26:189-203, Jan-Apr 74

Immunogenetic factors in the survival of ovarian transplants. Goldman MB.

Transplantation 17:518-23, May 74

Influence of gonadal hormone administration and gonadal implantation on the compensatory growth of the embryonic chicken right ovary after early unilateral

castration. Groenendijk-Huijbers MM.

Verh Anat Ges 67:193-6, 1972

GONADS

Testis

LEYDIG CELLS

- Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al. *Arch Pathol* 98:1-8, Jul 74
- Multiple tumors in the pericardial cavity of an Australian rock oyster, *Crassostrea commercialis* (Iredale and Roughley). Dinamani P, et al. *Int J Cancer* 11:293-9, 15 Mar 73
- Solitary epididymal metastasis from carcinoma of prostate. Kovi J, et al. *Urology* 3:644-5, May 74

CYTOLOGY

- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al. *Acta Endocrinol (Kbh)* 76:556-69, Jul 74
- The fine structure of possible carcinoma-in-situ in the seminiferous tubules in the testis of four infertile men. Nielsen H, et al. *Acta Pathol Microbiol Scand [A]* 82:235-48, Mar 74
- Fine structure and cytochemistry of testicular cells in men treated with testosterone propionate. Barham SS, et al. *Cell Tissue Res* 148:159-82, 11 Apr 74
- Plasma testosterone titers during the annual reproductive cycle of starlings (*Sturnus vulgaris*). Temple SA. *Gen Comp Endocrinol* 22:470-9, Apr 74

DRUG EFFECTS

- The effect of chronically administered cannabis extract on the testicular function of mice. Dixit VP, et al. *Eur J Pharmacol* 26:111-4, Apr 74

ENZYMOMOLOGY

- Fine structure and cytochemistry of testicular cells in men treated with testosterone propionate. Barham SS, et al. *Cell Tissue Res* 148:159-82, 11 Apr 74

METABOLISM

- Testicular volume during adolescence. Cross-sectional and longitudinal studies. Zachmann M, et al. *Helv Paediatr Acta* 29:61-72, Apr 74
- The gonadotrophins and their releasing factors. Greep RO. *J Reprod Fertil [Suppl]* 20:1-9, Dec 73 (25 ref.)
- [Endocrinological differentiation of male hypogonadism by radioimmunoassay of serum FSH, LH and testosterone levels (author's transl)] Lunglmayr G, et al. *Wien Klin Wochenschr* 86:305-10, 31 May 74 (Eng. Abstr.) (Ger)

PHYSIOLOGY

- Further studies on Leydig cell function in old age. Rubens R, et al. *J Clin Endocrinol Metab* 39:40-5, Jul 74

SERTOLI CELLS

- The fine structure of possible carcinoma-in-situ in the seminiferous tubules in the testis of four infertile men. Nielsen H, et al. *Acta Pathol Microbiol Scand [A]* 82:235-48, Mar 74
- Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al. *Arch Pathol* 98:1-8, Jul 74
- Disparity in the negative gonadal feedback control for LH and FSH secretion in cases of germinal aplasia or Sertoli-cell-only syndrome. Zárate A, et al. *J Clin Endocrinol Metab* 38:1125-7, Jun 74

CYTOLOGY

- Histochemical observations on the seminiferous epithelium of the snake testis. Guraya SS. *Acta Anat (Basel)* 87:345-51, 1974

- Fine structure and cytochemistry of testicular cells in men treated with testosterone propionate. Barham SS, et al. *Cell Tissue Res* 148:159-82, 11 Apr 74
- Antibodies against Sertoli cells in human infertility. Wall JR, et al. *Clin Endocrinol (Oxf)* 3:187-94, Apr 74
- [Ultrastructure of the crystalloid in the spermatogonia and Sertoli cells in normal children's testes] Seguchi H, et al. *Experientia* 30:364-6, 15 Apr 74 (Eng. Abstr.) (Ger)

ENZYMOMOLOGY

- Fine structure and cytochemistry of testicular cells in men treated with testosterone propionate. Barham SS, et al. *Cell Tissue Res* 148:159-82, 11 Apr 74
- The effect of oxytocin on the oxidoreductive activity and spermatogenesis in the rabbit testicle. Wójcik K, et al. *Folia Histochem Cytochem (Krakow)* 12:53-8, 1974
- Cholinesterase distribution during spermatid differentiation and spermatozoal maturation in the white mouse. Chakraborty J, et al. *J Reprod Fertil* 38:359-67, Jun 74

IMMUNOLOGY

- Antibodies against Sertoli cells in human infertility. Wall JR, et al. *Clin Endocrinol (Oxf)* 3:187-94, Apr 74

TESTIS

- Isolation of rhinovirus from cattle in outbreaks of acute respiratory disease. Kurogi H, et al. *Arch Gesamte Virusforsch* 44:215-26, 1974
- Concentrations of immunoglobulins and albumin in lymph collected from various regions of the body of the sheep. Beh KJ, et al. *Aust J Exp Biol Med Sci* 52:81-6, Feb 74
- Selective staining of cell nuclei with haematoxylin containing transitional metal cations. Dutt MK. *Experientia* 30:670-1, 15 Jun 74
- A model for exposure to a semi-infinite cloud of a photon emitter. Poston JW, et al. *Health Phys* 26:287-93, Apr 74
- Bovine testis cells for routine isolation of respiratory syncytial virus from infants. Caul EO, et al. *J Med Microbiol* 7:301-4, May 74
- Successful jird-to-jird transfer of juvenile *Brugia pahangi*. Butts JA, et al. *J Parasitol* 60:436, Jun 74
- [Cultivation and titration of Borna virus in cell cultures from organs of fetal lambs] Mayr A, et al. *Zentralbl Veterinärmed [B]* 21:131-7, Mar 74 (Eng. Abstr.) (Ger)

ABNORMALITIES

- X-XY mosaicism with short y. Berger R, et al. *Clin Genet* 5:211-7, 1974
- XY-YYY mosaicism associated with major genital defects. Yunis E, et al. *Clin Genet* 5:91-5, 1974
- Plasma testosterone and estradiol concentration in prepubertal boys with cryptorchidism before and after dexamethasone and after human chorionic gonadotropin administration. Cacciari E, et al. *Helv Paediatr Acta* 29:27-34, Apr 74
- Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism. Job JC, et al. *J Clin Endocrinol Metab* 38:1109-14, Jun 74
- Gonadotropin response to luteinizing hormone-releasing hormone in men with germinal aplasia. Mecklenburg RS, et al. *J Clin Endocrinol Metab* 38:1005-8, Jun 74
- Disparity in the negative gonadal feedback control for LH and FSH secretion in cases of germinal aplasia or Sertoli-cell-only syndrome. Zárate A, et al. *J Clin Endocrinol Metab* 38:1125-7, Jun 74
- Congenital absence of testes: anorchism and

- monorchism. Goldberg LM, et al.
J Urol 111:840-5, Jun 74
- Polyorchidism with normal spermatogenesis. Lazarus BA, et al. *Urology* 3:615-6, May 74
- [Clinical evaluation of the stimulation test using synthetic LH-RH] Olivier GC, et al.
Union Med Can 103:685-90, Apr 74 (Eng. Abstr.) (Fre)

ANALYSIS

- Histochemical observations on the seminiferous epithelium of the snake testis. Guraya SS.
Acta Anat (Basel) 87:345-51, 1974
- Partial structural analysis of a highly basic low molecular weight protein from rat testis. Kistler WS, et al.
- Biochem Biophys Res Commun 57:341-7, 25 Mar 74
- Early cadmium-induced changes of the permeability testicular blood vessels to 131-I albumin in the rat. Barowicz T, et al.
- Bull Acad Pol Sci [Biol]* 22:201-4, 1974
- Structure and function of the Y chromosome of *Drosophila* hydel. Hennig W, et al.
- Cold Spring Harbor Symp Quant Biol 38:673-83, 1973
- Satellites and rapidly reassociating fractions in the DNA of Gadidae (codfishes). Helleiner CW, et al.
- Comp Biochem Physiol [B]* 48:11-24, 15 May 74
- Distribution of cadmium and zinc among protein fractions of rat testis. Singh K, et al.
- Indian J Exp Biol* 11:498-9, Nov 73
- An assessment of the possible role of 17 α ,20 α -dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. Bruijn HW de, et al.
- J Endocrinol* 61:401-10, Jun 74
- Proceedings: Mating increases the prostaglandin-like content of male and female reproductive tracts in mice. Marley PB, et al.
- J Endocrinol* 61:xxxiv-xxxv, Apr 74
- A glycogen-rich segment of the tubuli recti and proximal portion of the rete testis in the guinea-pig. Fawcett DW, et al. *J Reprod Fertil* 38:401-9, Jun 74
- Prostaglandin E2 prevents impairment of fertility in rats fed a diet deficient in essential fatty acids. Hafiez AA. *J Reprod Fertil* 38:273-86, Jun 74
- Prostaglandins of rat testis. Carpenter MP.
Lipids 9:397-406, Jun 74
- Similarity of chronic copper toxicity in rats to copper deposition of Wilson's disease. Owen CA Jr.
Mayo Clin Proc 49:368-75, Jun 74
- Copper in supernatant fractions of various rat tissues. Studies with ⁶⁷Cu. Terao T, et al.
- Mayo Clin Proc* 49:376-81, Jun 74

ANATOMY & HISTOLOGY

- Plasma testosterone in male puberty. I. Physiology of plasma testosterone. Knorr D, et al.
Acta Endocrinol (Kbh) 75:181-94, Jan 74
- Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al.
Acta Endocrinol (Kbh) 76:392-402, Jun 74
- Effect of gonadotropins on the reduced excretion of a gonadotropin-inhibiting substance in the hypophysectomized rats. Ota M, et al.
Endocrinol Jap 20:497-504, Oct 73
- Effect of hypothalamic deafferentations on puberty in the male rat. Collu R, et al.
Endocrinology 94:1496-501, Jun 74
- Pineal control of photo-endocrine responses in growing Japanese quail. Oishi T, et al.
Endocrinology 94:1731-4, Jun 74
- Pituitary-pineal-endocrine relationships in Japanese quail. Oishi T, et al. *Endocrinology* 94:1735-8, Jun 74
- The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al.
Eur J Pharmacol 25:402-6, Mar 74
- The effect of chronically administered cannabis extract on the testicular function of mice. Dixit VP, et al. *Eur J Pharmacol* 26:111-4, Apr 74
- Plasma testosterone titers during the annual reproductive cycle of starlings (*Sturnus vulgaris*). Temple SA. *Gen Comp Endocrinol* 22:470-9, Apr 74
- Plasma and pituitary luteinizing hormone in intact and castrated tree sparrows (*Spizella arborea*) during a photoinduced gonadal cycle. Wilson FE, et al.
Gen Comp Endocrinol 23:82-93, May 74
- The snake thyroid gland. I. Seasonal variation of

- thyroidal and serum iodoamino acids. Wong KL, et al.
Gen Comp Endocrinol 23:63-70, May 74
- Effects of an estrogen antagonist, MER-25, on mounting behavior and lordosis behavior in the female rat. Södersten P. *Horm Behav* 5:111-21, Mar 74
- Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al. *Int J Cancer* 11:90-4, 15 Jan 73
- The relationship between the changes in the interrenal, gonadal and thyroidal tissue of the air breathing fish, *Heteropneustes fossilis* (Bloch) at different periods of the breeding cycle. Singh BR, et al.
J Endocrinol 61:309-16, Jun 74
- Symposium on reproduction of arthropods of medical and veterinary importance. V. Reproduction in Diptera of medical importance with special reference to mosquitoes. Barr AR.
J Med Entomol 11:35-40, 28 Mar 74 (29 ref.)
- Hypothalamic control of sexual behavior in the chicken. Haynes RL, et al. *Poult Sci* 53:27-38, Jan 74
- Effect of age on testis delta-5-beta-hydroxysteroid dehydrogenase in the rat. Leatham JH, et al.
Proc Soc Exp Biol Med 145:1212-4, Apr 74
- [Study of Microphallidae Travassos, 1920 (Trematoda). XXVII. On some species described by S. Yamaguti in Japan. A. Invalidation of the genus *Maritreminoides* Rankin. Creation of genus satellites of the genus *Maritrema*: *Quasimaritrema*, *Maritremopsis* and *Quasimaritremopsis*] Deblock S.
Ann Parasitol Hum Comp 48:543-57, Jul-Aug 73 (Eng. Abstr.) (Fre)
- [Retentio testis or cryptorchism] Ansari MK.
Med Monatsschr 28:19-25, Jan 74 (Ger)
- [Morphology of some elements in the connective tissue of healthy and sterile human testis] Posinovec J.
Rad Med Fak Zagreb 20:205-13, 1972 (Eng. Abstr.) (Cro)

BLOOD SUPPLY

- Dihydrotestosterone in human spermatic venous plasma. Pazzagli M, et al.
Acta Endocrinol (Kbh) 76:388-91, Jun 74
- Early cadmium-induced changes of the permeability testicular blood vessels to 131-I albumin in the rat. Barowicz T, et al.
- Bull Acad Pol Sci [Biol]* 22:201-4, 1974
- Biopsy and the testicular artery of the horse. Smith JA.
Equine Vet J 6:81-3, Apr 74
- Improved plasma testosterone assay by competitive protein binding and clinical availability. Frick J.
Invest Urol 12:27-9, Jul 74
- Testicular endocrine function in a pubertal boy with 3 β -hydroxysteroid dehydrogenase deficiency. Jänne O, et al. *J Clin Endocrinol Metab* 39:206-9, Jul 74
- Acute cadmium intoxication. Early selective lesions of endothelial clefts. Gabblani G, et al.
Lab Invest 30:686-95, Jun 74

CYTOLOGY

- Histochemical observations on the seminiferous epithelium of the snake testis. Guraya SS.
Acta Anat (Basel) 87:345-51, 1974
- Cell types in the adenohipophysis of the puffer, *Fugu stictonotus*, with special reference to the basophils in the pars distalis. Chiba A, et al.
Arch Histol Jap 36:291-305, Mar 74
- The effects of cysteamine and AET Cl HCl on the induction of meiotic chromosome rearrangements in irradiated male mice. Savkovic N, et al.
Can J Genet Cytol 16:85-9, Mar 74
- Fine structure and cytochemistry of testicular cells in men treated with testosterone propionate. Barham SS, et al. *Cell Tissue Res* 148:159-82, 11 Apr 74
- Specific organization of intracytoplasmic filaments in the dog testicular interstitial cell. Setoguti T, et al.
Cell Tissue Res 148:493-7, 8 May 74
- DNA replication and RNA transcription of euchromatic and heterochromatic chromosome regions during grasshopper meiosis. Fox DP, et al.
Chromosoma 45:43-62, 1 Mar 74
- Heterochromatin distribution and chiasma localization in the grasshopper *Btyodema tuberculata* (Fabr.) (Acrididae). Klášterská I, et al.
Chromosoma 44:393-404, 29 Jan 74
- DNA replication, G- and C-bands and meiotic behaviour of supernumerary chromosomes of *Rattus rattus* (Linn.). Raman R, et al.
Chromosoma 45:111-9, 1 Mar 74

- Antibodies against Sertoli cells in human infertility. Wall JR, et al. *Clin Endocrinol (Oxf)* 3:187-94, Apr 74
- Chromosomes and human infertility. I. Mitotic and meiotic chromosome studies in 202 consecutive male patients. Koullischer L, et al. *Clin Genet* 5:116-26, 1974
- Histochemical demonstration of delta 5-3 beta-hydroxysteroid dehydrogenase activity in the testis of the medaka, *Oryzias latipes*. Takahashi H, et al. *Endocrinol Jap* 20:529-33, Oct 73
- New potent inhibitors of 3beta-hydroxy-delta 5-steroid oxidoreductase with short duration of action. Begue RJ, et al. *Endocrinology* 95:238-46, Jul 74
- Spirolactone and testicular cytochrome P-450: decreased testosterone formation in several species and changes in hepatic drug metabolism. Menard RH, et al. *Endocrinology* 94:1628-36, Jun 74
- Ribosomal RNA in mouse spermatocytes. Galdieri M, et al. *Exp Cell Res* 85:287-95, Apr 74
- Chromatin and histones in mealy bug spermatogonia. In situ alteration of template availability in hetero- and euchromatin by a synthetic polyanion. Tubbert MA, et al. *Exp Cell Res* 85:205-11, 30 Mar 74
- Chromosomes of *Molgula manhattensis* de Kay (Ascidacea). Colomba D. *Experientia* 30:352-3, 15 Apr 74
- The effect of oxytocin on the oxidoreductive activity and spermatogenesis in the rabbit testicle. Wójcik K, et al.
- Folia Histochem Cytochem (Krakow) 12:53-8, 1974
- Testicular cycles of the striped racer, *Elaphe taeniura*. Chiu KW, et al. *Gen Comp Endocrinol* 23:242-4, Jun 74
- Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al. *Invest Urol* 12:43-9, Jul 74
- The male genital system in two species of mysid crustacea. Kasaoka LD. *J Morphol* 143:259-83, Jul 74
- Human testicular cultures: I. Chromosome analyses. Chen AT, et al. *Proc Soc Exp Biol Med* 146:442-7, Jun 74
- Polyorchidism with normal spermatogenesis. Lazarus BA, et al. *Urology* 3:615-6, May 74
- [Value of localization of heterochromatin for identification of meiotic chromosomes at diakinesis in man] Gagne R, et al.
- C R Acad Sci [D] (Paris)* 276:769-71, 29 Jan 73 (Fre)
- [The in vitro formation of 5 alpha-dihydrotestosterone by the testis of *Discoglossus pictus*] Ozon R, et al. *Gen Comp Endocrinol* 23:224-36, Jun 74 (Eng. Abstr.) (Fre)

DRUG EFFECTS

- Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al. *Acta Endocrinol (Kbh)* 76:392-402, Jun 74
- Effects of decapitation, ether and pentobarbital on guanosine 3',5'-phosphate and adenosine 3',5'-phosphate levels in rat tissues. Kimura H, et al. *Biochim Biophys Acta* 343:519-28, 24 May 74
- Fine structure and cytochemistry of testicular cells in men treated with testosterone propionate. Barham SS, et al. *Cell Tissue Res* 148:159-82, 11 Apr 74
- Separation of two distinct gonadotropins from the pituitary gland of the bullfrog *Rana catesbeiana*. Licht P, et al. *Endocrinology* 94:1587-94, Jun 74
- Pituitary-pineal-endocrine relationships in Japanese quail. Oishi T, et al. *Endocrinology* 94:1735-8, Jun 74
- Prostaglandins A1 and A2 decrease testosterone levels in mice and rats. Saksena SK, et al. *Endocrinology* 95:311-4, Jul 74
- The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al. *Eur J Pharmacol* 25:402-6, Mar 74
- The effect of chronically administered cannabis extract on the testicular function of mice. Dixit VP, et al. *Eur J Pharmacol* 26:111-4, Apr 74
- The effect of oxytocin on the oxidoreductive activity and spermatogenesis in the rabbit testicle. Wójcik K, et al.
- Folia Histochem Cytochem (Krakow) 12:53-8, 1974
- The effects of melatonin treatment on gonosomatic index in the teleost, *Fundulus similis*, and the tree frog, *Hyla cinerea*. De Vlaming VL, et al. *Gen Comp Endocrinol* 22:433-8, Apr 74
- Effects of an estrogen antagonist, MER-25, on mounting behavior and lordosis behavior in the female rat. Södersten P. *Horm Behav* 5:111-21, Mar 74
- Effects of a synthetic estrogen upon steroid

- bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al. *Invest Urol* 12:43-9, Jul 74
- An assessment of the possible role of 17alpha,20alpha-dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. Bruijn HW de, et al. *J Endocrinol* 61:401-10, Jun 74
- Proceedings: Effects of aminoglutethimide and SU 10'603 on the biosynthesis of C19 steroids. Lyne C, et al. *J Endocrinol* 61:xvixvii, Apr 74
- Human sexual differentiation--in utero influences. Abramovich DR. *J Obstet Gynaecol Br Commonw* 81:448-53, Jun 74
- Further studies on the antitesticular activity of a pipecolinomethylhydroxyindane. Boris A, et al. *J Reprod Fertil* 38:395-400, Jun 74
- Antitesticular and antifertility activity of a pipecolinomethylhydroxyindane in rats. Boris A, et al. *J Reprod Fertil* 38:387-94, Jun 74
- Affinity labelling studies with 109cadmium in cadmium-induced testicular injury in rats. Chen RW, et al. *J Reprod Fertil* 38:293-306, Jun 74
- Acute cadmium intoxication. Early selective lesions of endothelial clefts. Gabbiani G, et al. *Lab Invest* 30:686-95, Jun 74
- Effects of follicle stimulating hormone and luteinizing hormone on plasma testosterone levels in hypophysectomized and in intact immature and adult male rats. el-Saouy S, et al. *N Engl J Med* 291:193-8, 11 Jun 74
- Editorial: Sex and alcohol. Van Thiel DH, et al. *N Engl J Med* 291:251-3, 1 Aug 74
- Tumorigenesis by cadmium. Lucis OJ, et al. *Oncology* 26:53-67, 1972
- Effect of ethyl alcohol on plasma testosterone level in mice. Badr FM, et al. *Steroids* 23:921-8, Jun 74
- Testosterone: effect on rat testis. Walsh PC, et al. *Surg Forum* 23:522-3, 1972
- [Effect of tetramethylthiuram disulfide (TMTD) on semen production in rams] Naldenov N, et al. *Vet Med Nauki* 10:19-24, 1973 (Eng. Abstr.) (Bul)
- [Fertility disturbances following treatment of patients with testicular tumors (author's transl)] Weissbach L, et al. *Urologe [A]* 13:80-5, Mar 74 (Eng. Abstr.) (Ger)
- [The pituitary and testicular response to clomiphene during hepatic cirrhosis] Rolandi E, et al. *Folia Endocrinol (Roma)* 27:290-302, Jun 74 (Eng. Abstr.) (Ita)
- [Effect of antibacterial preparations on the endocrine function of the testis] Iunda IF, et al. *Klin Khir* 10:37-40, Oct 73 (Rus)
- [Experimental induction of polyploidy in birds] Vladimirovskaya EM, et al. *Tsitol Genet* 8:135-7, Mar 74 (Eng. Abstr.) (Rus)
- [Function of the genital system and its effect on the pituitary-adrenal complex in male white rats in groups and in isolation] Naumova EV, et al. *Zh Obshch Biol* 35:440-7, May-Jun 74 (Eng. Abstr.) (Rus)

EMBRYOLOGY

- Congenital absence of testes: anorchism and monorchism. Goldberg LM, et al. *J Urol* 111:840-5, Jun 74
- Effects of gonadal hormones on urinary behavior in dogs. Beach FA. *Physiol Behav* 12:1005-13, Jun 74
- Polyorchidism with normal spermatogenesis. Lazarus BA, et al. *Urology* 3:615-6, May 74
- [Morphology of some elements in the connective tissue of healthy and sterile human testis] Posinovec J. *Rad Med Fak Zagreb* 20:205-13, 1972 (Eng. Abstr.) (Cro)

ENZYMOMOLOGY

- Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al. *Acta Endocrinol (Kbh)* 76:392-402, Jun 74
- Hypoxanthine-guanine phosphoribosyltransferase (HGPRT) deficiency: immunologic studies on the mutant enzyme. Arnold WJ, et al. *Adv Exp Med Biol* 41:177-85, 1973
- The production of antibodies against mammalian LDH-1. Spielman H, et al. *Anal Biochem* 59:462-7, Jun 74
- Vitamin A-dependent fucose-glycopeptide from rat

- tracheal epithelium. Bonanni F, et al.
Biochim Biophys Acta 343:632-7, 24 May 74
- Glycoprotein glycosyltransferase levels during spermatogenesis in mice. Letts PJ, et al.
Biochim Biophys Acta 343:192-207, 20 Mar 74
- Isolation and characterization of a new disaccharide disulfate: 2-acetamido-2-deoxy-3-O-(2- or 3-O-sulfo-beta-D-glucopyranosyluronic acid)-4-O-sulfo-D-galactose. Seno N, et al.
Biochim Biophys Acta 343:423-6, 22 Apr 74
- Cyclic 3',5'-nucleotide phosphodiesterase. Distribution and developmental changes of the enzyme and its protein activator in mammalian tissues and cells. Smoake JA, et al.
Biochim Biophys Acta 341:402-11, 25 Apr 74
- Fine structure and cytochemistry of testicular cells in men treated with testosterone propionate. Barham SS, et al. *Cell Tissue Res* 148:159-82, 11 Apr 74
- Testicular function in myotonic dystrophy of childhood. Hamilton W.
Clin Endocrinol (Oxf) 3:215-22, Apr 74
- Histochemical demonstration of delta 5-3 beta-hydroxysteroid dehydrogenase activity in the testis of the medaka, *Oryzias latipes*. Takahashi H, et al. *Endocrinol Jap* 20:529-33, Oct 73
- Short term effects of dimethylinitrosamine and methylmethanesulphonate on hydrolases of the rat. Choudhury SR, et al. *Experientia* 30:538-9, 15 May 74
- Genetic differences in the content of acid phosphatase and lactate dehydrogenase in mouse testes. Godowicz B. *Folia Histochem Cytochem (Krakow)* 12:11-9, 1974
- The effect of oxytocin on the oxidoreductive activity and spermatogenesis in the rabbit testicle. Wójcik K, et al.
Folia Histochem Cytochem (Krakow) 12:53-8, 1974
- Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al.
Invest Urol 12:43-9, Jul 74
- An assessment of the possible role of 17alpha,20alpha-dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. Bruijn HW de, et al.
J Endocrinol 61:401-10, Jun 74
- Proceedings: Steroid metabolism by the prepubertal human testis. Richards G, et al.
J Endocrinol 61:18, Apr 74
- The activity of lactate and malate dehydrogenases in the liver and testes of senescent C57BL-6 mice. Burich RL. *J Gerontol* 29:389-92, Jul 74
- Colloidal iron used at pH's lower than 1 as electron stain for surface proteins. Blanquet PR, et al.
J Histochem Cytochem 22:368-77, May 74
- Editorial: Sex and alcohol. Van Thiel DH, et al. *N Engl J Med* 291:251-3, 1 Aug 74
- Effect of age on testis delta5-3beta-hydroxysteroid dehydrogenase in the rat. Leatham JH, et al.
Proc Soc Exp Biol Med 145:1212-4, Apr 74
- [The in vitro formation of 5 alpha-dihydrotestosterone by the testis of *DiscoGLOSSUS pictus*] Ozon R, et al.
Gen Comp Endocrinol 23:224-36, Jun 74 (Eng. Abstr.) (Fre)
- [Role of the carboxyl groups in the substrate and in the inhibitors in the enzyme-substrate and enzyme-inhibitor interaction of hyaluronidases] Vikha IV, et al.
Biokhimiia 38:1237-42, Nov-Dec 73 (Eng. Abstr.) (Rus)

GROWTH & DEVELOPMENT

- Normal and abnormal sexual maturation. Bryan GT. *Am Fam Physician* 9:123-35, Jun 74
- Testosterone induces "splitting" of circadian locomotor activity rhythms in birds. Gwinner E. *Am J Pathol* 75:72-4, Jun 74
- Glycoprotein glycosyltransferase levels during spermatogenesis in mice. Letts PJ, et al.
Biochim Biophys Acta 343:192-207, 20 Mar 74
- Testicular volume during adolescence. Cross-sectional and longitudinal studies. Zachmann M, et al.
Helv Paediatr Acta 29:61-73, Apr 74
- Proceedings: Genes on the Y-chromosome control the size of the testes of adult mice. Hayward P, et al.
J Endocrinol 61:18-9, Apr 74
- Human sexual differentiation-in utero influences. Abramovich DR.
J Obstet Gynaecol Br Commonw 81:448-53, Jun 74
- Testosterone induces "splitting" of circadian locomotor activity rhythms in birds. Gwinner E. *Science* 185:72-4, 5 Jul 74

- [Repercussions of hypothalamic deafferentiation combined with optic nerve section on the photosexual reflex in the quail (*Coturnix coturnix japonica*)] Oliver J, et al.
C R Acad Sci [D] (Paris) 277:2021-4, 12 Nov 73 (Fre)
- [Quantitative study on the postnatal growth of *Rattus norvegicus* Berkenhout under normal and statically changed conditions. V. Urogenital organs (kidney, testis, ovary)] Schumacher GH, et al.
Acta Anat (Basel) 85:477-98, 1973 (Eng. Abstr.) (Ger)
- [Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al.
Dtsch Tierärztl Wochenschr 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)
- [Testosterone biosynthesis in spontaneous dystopic rat testes with genetic descensus disorder] Abraham R, et al.
Endokrinologie 62:368-75, 1973 (Eng. Abstr.) (Ger)
- [Retentio testis or cryptorchism] Ansari MK.
Med Monatsschr 28:19-25, Jan 74 (Ger)
- [The most favorable time for the treatment of cryptorchism] Kleintsch B, et al.
Z Aerzt Fortbild (Jena) 68:27-9, Jan 74 (Ger)

IMMUNOLOGY

- Immunologic implications of vasectomy. II. Serum-mediated immunity. Brannen GE, et al.
Fertil Steril 25:515-20, Jun 74
- Immunologic implications of vasectomy. I. Cell-mediated immunity. Brannen GE, et al.
Fertil Steril 25:508-14, Jun 74
- Distribution of basic azo-dye-binding protein in normal rat tissues and carcinogen-induced liver tumors. Bannikov GA, et al. *Int J Cancer* 11:398-411, 15 Mar 73
- A simple, rapid fluorometric assay for antigens. Katsh S, et al. *J Immunol Methods* 5:179-87, Jul 74
- Demonstration of specific antineuronal nuclear antibodies in sera of patients with myasthenia gravis. Indirect and direct immunofluorescence. Martin L, et al. *Neurology (Minneapolis)* 24:680-3, Jul 74

INNERVATION

- Testicular pain sensation in diabetic autonomic neuropathy. Campbell IW, et al.
Br Med J 2:638-9, 22 Jun 74
- A histochemical investigation of the distribution of adrenergic and cholinergic nerves in the human male genital organs. Shirai M, et al.
Tohoku J Exp Med 111:281-91, Nov 73

METABOLISM

- Dihydrotestosterone in human spermatic venous plasma. Pazzagli M, et al.
Acta Endocrinol (Kbh) 76:388-91, Jun 74
- Experimental studies of the endolymphatic radiotherapy. Irino S, et al.
Acta Med Okayama 28:59-67, Feb 74
- Assimilation of glucose carbon in vivo by salivary gland and tumor. Vrba R, et al.
Am J Physiol 226:1424-7, Jun 74
- Fate of foreign DNA infused through the carotid aorta in rats. Charles P, et al.
Arch Int Physiol Biochim 81:960, Dec 73
- Mode of cholesterol accumulation in various tissues of rabbits with prolonged exposure to various serum cholesterol levels. Ho KJ, et al.
Atherosclerosis 19:561-6, May-Jun 74
- Disulphide groups of gonadotropin receptors are essential for specific binding of human chorionic gonadotropin. Dufau ML, et al.
Biochim Biophys Acta 343:417-22, 22 Apr 74
- Effects of decapitation, ether and pentobarbital on guanosine 3',5'-phosphate and adenosine 3',5'-phosphate levels in rat tissues. Kimura H, et al.
Biochim Biophys Acta 343:519-28, 24 May 74
- Early cadmium-induced changes of the permeability testicular blood vessels to 131-I albumin in the rat. Barowicz T, et al.
Bull Acad Pol Sci [Biol] 22:201-4, 1974
- Enzymatic modifications and their possible roles in regulating the binding of basic proteins to DNA and in controlling chromosomal structure. Louie AJ, et al.
Cold Spring Harbor Symp Quant Biol 38:803-19, 1973
- Luteinizing hormone and human chorionic gonadotropin: structure and activity. Jutisz M, et al.
Curr Top Exp Endocrinol 2:195-246, 1974

TESTIS

GONADS

- New potent inhibitors of 3beta-hydroxy-delta 5-steroid oxidoreductase with short duration of action. Begue RJ, et al. *Endocrinology* 95:238-46, Jul 74
- Circulating LH and FSH levels and testicular function in hamsters during light deprivation and subsequent photoperiodic stimulation. Berndtson WE, et al. *Endocrinology* 95:195-205, Jul 74
- Spirolactone and testicular cytochrome P-450: decreased testosterone formation in several species and changes in hepatic drug metabolism. Menard RH, et al. *Endocrinology* 94:1628-36, Jun 74
- Adrenodoxin, ferredoxins and other iron-sulphur (nonheme-iron) proteins. I. Wickramasinghe RH, et al. *Enzyme* 17:210-26, 1974
- Testicular cycles of the striped racer, *Elaphe taeniura*. Chiu KW, et al. *Gen Comp Endocrinol* 23:242-4, Jun 74
- A comparison of the properties of FSH from several species as determined by a rat testis tubule receptor assay. Reichert LE Jr, et al. *Gen Comp Endocrinol* 23:111-7, May 74
- Serum and pituitary gonadotropin levels in alloxan-diabetic rats. Howland BE, et al. *Horm Metab Res* 6:121-4, Mar 74
- Diurnal rhythm in serum testosterone levels and thymidine uptake by testes in the domestic fowl. Schanbacher BD, et al. *J Anim Sci* 38:1245-8, Jun 74
- Photoaffinity labeling with cyclic nucleotides. Antonoff RS, et al. *J Clin Invest* 53:3319-21, Jun 74
- An assessment of the possible role of 17alpha,20alpha-dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. Bruijn HW de, et al. *J Endocrinol* 61:401-10, Jun 74
- Proceedings: Gonadal steroid synthesis in the Virginian opossum, *Didelphis marsupialis*. Cook B, et al. *J Endocrinol* 61:ix, Apr 74
- Proceedings: Effects of aminoglutethimide and SU 10'603 on the biosynthesis of C19 steroids. Lyne C, et al. *J Endocrinol* 61:xvixvii, Apr 74
- Proceedings: Steroid metabolism by the prepubertal human testis. Richards G, et al. *J Endocrinol* 61:18, Apr 74
- The distribution of 14C-label in the lipids of ram semen following the intratesticular injection of (1-14C)palmitic acid. Neill AR, et al. *J Reprod Fertil* 38:311-23, Jun 74
- Editorial: Sex and alcohol. Van Thiel DH, et al. *N Engl J Med* 291:251-3, 1 Aug 74
- Tumorigenesis by cadmium. Lucis OJ, et al. *Oncology* 26:53-67, 1972
- Fluctuation of hypothalamic luteinizing hormone releasing hormone and pituitary gonadotropins in laying and non-laying hens. Harrison PC, et al. *Poult Sci* 53:554-9, Mar 74
- Release of gonadotropins from the chicken pituitary by synthetic LH-RH-FSH-RH. Tanaka K, et al. *Poult Sci* 53:74-7, Jan 74
- Studies on the structure and function of the mammalian testis. IV. Steroid metabolism in vitro by isolated interstitial and seminiferous tubules of rat testis after heat sterilization. Collins P, et al. *Proc R Soc Lond [Biol]* 186:37-51, 7 May 74
- Fibrinolytic activity of the male reproductive organs in man. Liedholm P, et al. *Scand J Urol Nephrol* 8:81-6, 1974
- Androgen receptors in rat testis. Hansson V, et al. *Steroids* 23:823-32, Jun 74
- [The in vitro formation of 5 alpha-dihydrotestosterone by the testis of *Discoglossus pictus*] Ozon R, et al. *Gen Comp Endocrinol* 23:224-36, Jun 74 (Eng. Abstr.) (Fre)
- [Distribution and excretion of 3H-esclon] Koseki Y, et al. *Folia Pharmacol Jap* 69:869-80, Nov 73 (Eng. Abstr.) (Jap)
- [Role of endogenous substances in developing a basis for increased radiation resistance. 5. Mechanism of changes in the level of lipid oxidation products in the radiation protective effect] Goncharenko EN, et al. *Radiobiologia* 14:210-4, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Role of endogenous substances in developing a basis for increased radiation resistance. 4. Effect of serotonin on lipid radiation sensitizers] Sobolev AS, et al. *Radiobiologia* 14:206-9, Mar-Apr 74 (Eng. Abstr.) (Rus)

MICROBIOLOGY

- Association between herpes hominis type 2 and the male genitourinary tract. Deardourff SL, et al. *J Urol* 112:126-7, Jul 74
- Detection of baboon type C viral sequences in various primate tissues by molecular hybridization. Benveniste RE, et al. *J Virol* 14:56-67, Jul 74
- Studies on *Coccidioides immitis*. XVII: Morphology of the parasite in relationship with the host immunoallergic condition in the experimental infection of the guinea-pig. Negroni P, et al. *Mycopathol Mycol Appl* 52:1-11, 27 Jan 74

PATHOLOGY

- The fine structure of possible carcinoma-in-situ in the seminiferous tubules in the testis of four infertile men. Nielsen H, et al. *Acta Pathol Microbiol Scand [A]* 82:235-48, Mar 74
- Klinefelter's syndrome with anophthalmos. Welter DA, et al. *Am J Ophthalmol* 77:895-8, Jun 74
- Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al. *Arch Pathol* 98:1-8, Jul 74
- Testicular function in myotonic dystrophy of childhood. Hamilton W. *Clin Endocrinol (Oxf)* 3:215-22, Apr 74
- Antibodies against Sertoli cells in human infertility. Wall JR, et al. *Clin Endocrinol (Oxf)* 3:187-94, Apr 74
- Chromosomes and human infertility. I. Mitotic and meiotic chromosome studies in 202 consecutive male patients. Koullacher L, et al. *Clin Genet* 5:116-26, 1974
- XY-XXY mosaicism associated with major genital defects. Yunis E, et al. *Clin Genet* 5:91-5, 1974
- Biopsy and the testicular artery of the horse. Smith JA. *Equine Vet J* 6:81-3, Apr 74
- Abnormalities of human sex chromosomes. VI. Monozygotic twins with the complement 48,XXXY. Simpson JL, et al. *Humangenetik* 21:301-8, 28 Mar 74
- Orchioblastoma of testis. Mehrotra TN, et al. *Indian J Pathol Bacteriol* 16:70-4, Jul 73
- Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al. *Invest Urol* 12:43-9, Jul 74
- The testis in Cushing's syndrome. Gabrilove JL, et al. *J Urol* 112:95-9, Jul 74
- Letter: Cryptorchidism. Pardo-Mindan FJ. *Lancet* 1:1345, 29 Jun 74
- Studies on *Coccidioides immitis*. XVII: Morphology of the parasite in relationship with the host immunoallergic condition in the experimental infection of the guinea-pig. Negroni P, et al. *Mycopathol Mycol Appl* 52:1-11, 27 Jan 74
- Obesity induced by monosodium glutamate in mice. Matsuyama S, et al. *Natl Inst Anim Health Q (Tokyo)* 13:91-101, Summer 73
- Intrauterine torsion of the spermatic cord. Lusignan DN, et al. *NY State J Med* 74:858-9, May 74
- Incidence of gonadal cancer in the quahog. Mercenaria mercenaria. Barry MM, et al. *Oncology* 26:87-96, 1972
- Fibrinolytic activity of the male reproductive organs in man. Liedholm P, et al. *Scand J Urol Nephrol* 8:81-6, 1974
- Biopsy of the testicle. Finco DR. *Vet Clin North Am* 4:377-81, May 74
- [Experimental unilateral cryptorchidism in rats] Georgieva M, et al. *Eksp Med Morfol* 13:62-8, 1974 (Bul)
- [Retentio testis or cryptorchidism] Ansari MK. *Med Monatsschr* 28:19-25, Jan 74 (Ger)
- [Fertility disturbances following treatment of patients with testicular tumors (author's transl)] Weissbach L, et al. *Urologe [A]* 13:80-5, Mar 74 (Eng. Abstr.) (Ger)
- [Bilateral testicular torsion] Dietrich HH. *Zentralbl Chir* 99:335-6, 15 Mar 74 (Ger)
- [Testicular malakoplakia] Csapó Z, et al. *Orv Hetil* 115:87-9, 13 Jan 74 (Hun)
- [Klinefelter's syndrome. Clinical, laboratory, psychiatric, cytogenetic and histopathologic study of 28 personal cases] Molinatti GM, et al. *Minerva Med* 65:1009-31, 14 Mar 74 (Ita)
- [Pharmacological studies of a lipase, GA-56, produced by *Pseudomonas* sp. IV. Chronic toxicity of GA-56] Tamura S, et al. *Folia Pharmacol Jap* 70:89-105, Jan 74 (Eng. Abstr.) (Jap)

- [Optimal time of surgical treatment of cryptorchism] Babukhadia VD. *Klin Khir* 10:40-3, Oct 73 (Rus)
 [Morphology of some elements in the connective tissue of healthy and sterile human testis] Posinovec J. *Rad Med Fak Zagrebu* 20:205-13, 1972 (Eng. Abstr.) (Cro)

PHYSIOLOGY

- Control of pituitary FSH in male rats. Steinberger E, et al. *Acta Endocrinol (Kbh)* 76:235-41, Jun 74
 Effect of castration on cholesterol metabolism and hepatic cytochrome P-450 in piperazine-treated male and female rabbits. West CE, et al.
Aust J Exp Biol Med Sci 52:185-92, Feb 74
 Alterations in adenylate cyclase activity of the rat prostate gland. Sutherland DJ, et al.
Biochim Biophys Acta 343:238-49, 20 Mar 74
 The interrelation of glucagon and gonadectomy upon hepatic triglyceride metabolism in rats. Weinstein I, et al. *Biochim Biophys Acta* 348:14-22, 26 Apr 74
 The influence of testosterone on the endogenous levels of prostaglandin F in the accessory reproductive glands of the adult male rat. Sutherland DJ, et al.
Can J Physiol Pharmacol 52:364-7, Apr 74
 Effects of environmental temperature on food intake in growing pigs. Ingram DL, et al.
Comp Biochem Physiol [A] 48:573-81, 1 Jul 74
 Circulating LH and FSH levels and testicular function in hamsters during light deprivation and subsequent photoperiodic stimulation. Berndtson WE, et al.
Endocrinology 95:195-205, Jul 74
 Effects of castration and hormone replacement in fully adult male rhesus monkeys (*Macaca mulatta*). Micheal RP, et al. *Endocrinology* 95:150-9, Jul 74
 Uroporphyrinogen-3-cosynthetase activity in the Harderian gland of the golden hamster. Formgren B, et al. *Enzyme* 16:146-50, 1973
 Testicular cycles of the striped racer, *Elaphe taeniura*. Chiu KW, et al. *Gen Comp Endocrinol* 23:242-4, Jun 74
 Plasma testosterone levels during the testicular cycle of the redwinged blackbird (*Agelaius phoeniceus*). Kerlan JT, et al.
Gen Comp Endocrinol 22:428-32, Apr 74
 Plasma and pituitary luteinizing hormone in intact and castrated tree sparrows (*Spizella arborea*) during a photoinduced gonadal cycle. Wilson FE, et al.
Gen Comp Endocrinol 23:82-93, May 74
 Testosterone, androstenedione, and androstenediol: effects on the initiation of mating behavior of inexperienced castrated male rats. Moralf G, et al.
Horm Behav 5:103-10, Mar 74
 Androgenic stimulation of aggression eliciting cues in adult opponent mice castrated at birth, weaning, or maturity. Mugford RA. *Horm Behav* 5:93-102, Mar 74
 Effects of intracranial implants of testosterone propionate on intermale aggression in the castrated male mouse. Owen K, et al.
Horm Behav 5:83-92, Mar 74
 Lordosis behavior in castrated male rats treated with estradiol benzoate or testosterone propionate in combination with an estrogen antagonist, MER-25, and in intact male rats. Södersten P, et al.
Horm Behav 5:13-8, Mar 74
 A biochemical study on the effect of castration, testosterone treatment and vasoligation on accessory gland function of male guinea-pigs. Chinoy NJ, et al.
Indian J Med Res 61:1708-13, Nov 73
 Autoradiographic studies of synthesis and intracellular migration of glycoproteins in the rat anterior pituitary gland. Pelletier G. *J Cell Biol* 62:185-97, Jul 74
 Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74
 Spermatogenesis in pharate adult testes of *Drosophila* in tissue cultures without ecdysones. Kuroda Y. *J Insect Physiol* 20:637-40, Apr 74
 Gonadal and epididymal sperm reserves in the camel, *Camelus dromedarius*. Osman AM, et al.
J Reprod Fertil 38:425-30, Jun 74
 LH inhibitory properties of aqueous extracts of rat pineal glands. Orts RJ, et al.
Life Sci 14:1501-10, 16 Apr 74
 Proceedings: The variation in sensitivity to androgen stimulation with time after castration in the secondary sex organs of the mouse. Allison M, et al.
N Engl J Med 291:52-3, 11 Jun 74
 Metabolic response to male hormone and thyroid activity in the Indian garden lizard, *Calotes versicolor*. Chandola A, et al. *N Engl J Med* 291:285-91, 11 Jun 74

- Effects of cyproterone acetate on growth and feeding in rats. Vilberg TR, et al.
Pharmacol Biochem Behav 2:309-16, May 74
 Effects of gonadal hormones on urinary behavior in dogs. Beach FA. *Physiol Behav* 12:1005-13, Jun 74
 Effects of dihydrotestosterone on sexual behavior of castrated male rhesus monkeys. Phoenix CH.
Physiol Behav 12:1045-55, Jun 74
 Maternal behavior in the rat: aspects of concaveation and neonatal androgen treatment. Quadagno DM.
Physiol Behav 12:1071-4, Jun 74
 Marijuana responses in rats: influence of castration or testosterone. Cohn RA, et al.
Proc Soc Exp Biol Med 146:109-13, May 74
 Endocrine profiles in the clinical laboratory. Bacchus H. *Frog Clin Pathol* 4:1-110, 1972 (217 ref.)
 Effect of estradiol on the hypothalamic regulation of body weight in the rat. Reynolds RW, et al.
Res Commun Chem Pathol Pharmacol 7:715-24, Apr 74
 [Experimental unilateral cryptorchism in rats] Georgieva M, et al.
Eksp Med Morfol 13:62-8, 1974 (Bul)
 [Quantitative study of organs or tissues. I. Methods for estimation of volumes] Solari A.
Ann Biol Anim Biochim Biophys 13:247-65, 1973 (Eng. Abstr.) (Fre)
 [Repercussions of hypothalamic deafferentiation combined with optic nerve section on the photosexual reflex in the quail (*Coturnix coturnix japonica*)] Oliver J, et al.
C R Acad Sci [D] (Paris) 277:2021-4, 12 Nov 73 (Fre)
 [Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al.
Dtsch Tierärztl Wochenschr 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)
 [The pituitary-gonadal axis in the normal male; radioimmunoassay of hormones (author's transl)] Spona J, et al.
Wien Klin Wochenschr 86:311-5, 31 May 74 (Eng. Abstr.) (Ger)
 [Age changes in support proteins in conditions of gonadectomy] Moroz IuA, et al.
Dokl Akad Nauk SSSR 216:239-40, 1 May 74 (Rus)
 [Comparative study of the indicators of carbohydrate and fat metabolism in the blood serum of gonadectomized rabbits with alloxan diabetes] Sharkevich IN, et al.
Probl Endokrinol (Mosk) 20:97-100, Mar-Apr 74 (Eng. Abstr.) (Rus)
 [Experimental induction of polyploidy in birds] Vladimirovskaya EM, et al.
Tsitol Genet 8:135-7, Mar 74 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

- Evaluation of relationship between plasma testosterone and human seminal acid phosphatase. Dondero F, et al.
Folia Endocrinol (Roma) 27:185-8, Apr 74
 Testicular endocrine function in a pubertal boy with 3beta-hydroxysteroid dehydrogenase deficiency. Jänne O, et al. *J Clin Endocrinol Metab* 39:206-9, Jul 74
 The testis in Cushing's syndrome. Gabrilove JL, et al.
J Urol 112:95-9, Jul 74
 [The pituitary and testicular response to clomiphene during hepatic cirrhosis] Rolandi E, et al.
Folia Endocrinol (Roma) 27:290-302, Jun 74 (Eng. Abstr.) (Ita)

RADIATION EFFECTS

- Ribosomal RNA in mouse spermatocytes. Gaidieri M, et al. *Exp Cell Res* 85:287-95, Apr 74
 Photoaffinity labeling with cyclic nucleotides. Antonoff RS, et al. *J Clin Invest* 53:3319-21, Jun 74
 Cytogenetic radiosensitivity and chiasma frequency in wild and laboratory mice. Berry RJ, et al.
Mutat Res 19:129-31, Jul 73

RADIOGRAPHY

- Biopsy and the testicular artery of the horse. Smith JA. *Equine Vet J* 6:81-3, Apr 74

SECRETION

- Radioimmunoassay of plasma testosterone. Forti G, et al. *Clin Endocrinol (Oxf)* 3:5-17, Jan 74
 [Significance of prolactin in man] Kumamoto E, et al.

TESTIS

GONADS

Clin Endocrinol (Tokyo) 22:361-7, Mar 74 (36 ref.)
(Jap)

SURGERY

Behavioral sexology: ten cases of genetic male intersexuality with impaired prenatal and pubertal androgenization. Money J, et al.
Arch Sex Behav 3:181-205, May 74
Improved plasma testosterone assay by competitive protein binding and clinical availability. Frick J.
Invest Urol 12:27-9, Jul 74
Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al.
Invest Urol 12:43-9, Jul 74
Asymmetric hindquarter syndrome (AHQS) in pigs. Done JT, et al. Proc R Soc Med 67:350-3, May 74
[Problem of testicular torsion] Schubert J.
Z Aerztl Fortbild (Jena) 68:82-3, 15 Jan 74 (Ger)

TRANSPLANTATION

[Transplantation of the testis in endocrine form of impotence] Kirpatovskii ID, et al.
Vestn Khir 112:58-62, May 74 (Eng. Abstr.) (Rus)

GONADS

II. Disorders of the Gonads

ARRHENOBLASTOMA

ENZYMOLLOGY

[Histoenzymologic study of secretory tumors of the ovary] Laffargue P, et al.
Arch Anat Pathol (Paris) 21:113-22, Jun 73 (Eng. Abstr.) (Fre)

PATHOLOGY

Arrhenoblastoma in a chukar partridge. West JL.
Avian Dis 18:258-61, Apr-Jun 74

VETERINARY

Arrhenoblastoma in a chukar partridge. West JL.
Avian Dis 18:258-61, Apr-Jun 74

BRENNER TUMOR

PATHOLOGY

Brenner tumors and Walthard cell nests. Bransilver BR, et al. Arch Pathol 98:76-86, Aug 74

CORPUS LUTEUM CYST

COMPLICATIONS

Ureteral obstruction caused by hemorrhagic corpus luteum cyst. Shah MS, et al. Urology 3:770-3, Jun 74

METABOLISM

The progesterone content of the fluid and the activity of the steroid-3beta-ol-dehydrogenase within the wall of the ovarian follicles. Friedrich F, et al.
Acta Endocrinol (Kbh) 76:343-52, Jun 74

PATHOLOGY

Ureteral obstruction caused by hemorrhagic corpus luteum cyst. Shah MS, et al. Urology 3:770-3, Jun 74

CRYPTORCHISM

A liveborn triploid infant. Henriksson P, et al.
Acta Paediatr Scand 63:447-9, May 74
XY-XXY mosaicism associated with major genital defects. Yunis E, et al. Clin Genet 5:91-5, 1974

BLOOD

Control of pituitary FSH in male rats. Steinberger E, et al. Acta Endocrinol (Kbh) 76:235-41, Jun 74
Testosterone in normal, cryptorchid and castrated male horses. Cox JE, et al. Equine Vet J 5:85-90, Apr 73
Plasma testosterone and estradiol concentration in prepubertal boys with cryptorchidism before and after dexamethasone and after human chorionic gonadotropin administration. Cacciari E, et al.
Helv Paediatr Acta 29:27-34, Apr 74
[Endocrinological differentiation of male hypogonadism by radioimmunoassay of serum FSH, LH and testosterone levels (author's transl)]
Lunglmayr G, et al.
Wien Klin Wochenschr 86:305-10, 31 May 74 (Eng. Abstr.) (Ger)

COMPLICATIONS

Simple cryptorchidism: the value of the excretory urogram as a screening method. Watson RA, et al.
J Urol 111:789-90, Jun 74
Letter: Testicular tumors in unilateral cryptorchidism. Szalay GC. Pediatrics 54:118, Jul 74
Male infertility. Current diagnosis and treatment. Amelar RD, et al. Urology 1:1-31, Jan 73
[Rubinstein Taybi syndrome. Report of two cases

(author's transl)] Willems R, et al.
Acta Paediatr Belg 27:406-17, 1973 (Eng. Abstr.) (Fre)

DIAGNOSIS

The detection of Klinefelter's syndrome at birth.
Harris JS, et al. Clin Pediatr (Phila) 13:581-6, Jul 74
Hernia and scrotal problems in childhood. Klauber GT.
Conn Med 38:219-21, May 74
[Retentio testis or cryptorchism] Ansari MK.
Med Monatsschr 28:19-25, Jan 74 (Ger)
[Comparative clinical and cytogenetical studies of 2 forms of male hypergonadotropic hypogonadism (Klinefelter's syndrome and bilateral cryptorchism)]
Bordzhadze VK, et al.
Probl Endokrinol (Mosk) 20:31-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

ETIOLOGY

[Three cases of intersexuality in the dog (author's transl)] Wentink GH, et al.
Tijdschr Diergeneesk 98:437-45, 1 May 73 (Eng. Abstr.) (Dut)
[Rubinstein-Taybi syndrome. Apropos of 2 new cases]
Legrand J, et al.
Arch Ophthalmol (Paris) 33:641-60, Oct 73 (Eng. Abstr.) (Fre)
[Retentio testis or cryptorchism] Ansari MK.
Med Monatsschr 28:19-25, Jan 74 (Ger)

FAMILIAL & GENETIC

The Roberts syndrome. Freeman MV, et al.
Clin Genet 5:1-16, Jan 74
Letter: Cryptorchidism. Pardo-Mindan FJ.
Lancet 1:1345, 29 Jun 74
[Testosterone biosynthesis in spontaneous dystopic rat testes with genetic descensus disorder] Abraham R, et al.
Endokrinologie 62:368-75, 1973 (Eng. Abstr.) (Ger)
[Familial association of Zinsser-Engman-Cole syndrome and chronic lymphatic leukemia] Resegotti L, et al.
Minerva Med 65:1717-24, 15 Apr 74 (Eng. Abstr.) (Ita)
[Comparative clinical and cytogenetical studies of 2 forms of male hypergonadotropic hypogonadism (Klinefelter's syndrome and bilateral cryptorchism)]
Bordzhadze VK, et al.
Probl Endokrinol (Mosk) 20:31-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

METABOLISM

Control of pituitary FSH in male rats. Steinberger E, et al. Acta Endocrinol (Kbh) 76:235-41, Jun 74
[Testosterone biosynthesis in spontaneous dystopic rat testes with genetic descensus disorder] Abraham R, et al.
Endokrinologie 62:368-75, 1973 (Eng. Abstr.) (Ger)
[Comparative clinical and cytogenetical studies of 2 forms of male hypergonadotropic hypogonadism (Klinefelter's syndrome and bilateral cryptorchism)]
Bordzhadze VK, et al.
Probl Endokrinol (Mosk) 20:31-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

PATHOLOGY

Letter: Cryptorchidism. Pardo-Mindan FJ.
Lancet 1:1345, 29 Jun 74
[Experimental unilateral cryptorchism in rats]
Georgieva M, et al.
Eksp Med Morfol 13:62-8, 1974 (Bul)
[Retentio testis or cryptorchism] Ansari MK.
Med Monatsschr 28:19-25, Jan 74 (Ger)
[Optimal time of surgical treatment of cryptorchism]
Babukhadia VD. Klin Khir 10:40-3, Oct 73 (Rus)

PHYSIOPATHOLOGY

- [The most favorable time for the treatment of cryptorchism] Kleintelch B, et al.
Z Aerztl Fortbild (Jena) 68:27-9, Jan 74 (Ger)

RADIOGRAPHY

- Simple cryptorchidism: the value of the excretory urogram as a screening method. Watson RA, et al.
J Urol 111:789-90, Jun 74

SURGERY

- [Experimental unilateral cryptorchism in rats] Georgieva M, et al.
Eksp Med Morfol 13:62-8, 1974 (Bul)
[Retentio testis or cryptorchism] Ansari MK.
Med Monatsschr 28:19-25, Jan 74 (Ger)
[The most favorable time for the treatment of cryptorchism] Kleintelch B, et al.
Z Aerztl Fortbild (Jena) 68:27-9, Jan 74 (Ger)
[Optimal time of surgical treatment of cryptorchism] Babukhadia VD. Klin Khir 10:40-3, Oct 73 (Rus)

THERAPY

- [Retained testis] Matsumoto Y, et al.
Clin Endocrinol (Tokyo) 22:154-6, Jan 74 (Jap)

VETERINARY

- Testosterone in normal, cryptorchid and castrated male horses. Cox JE, et al. Equine Vet J 5:85-90, Apr 73
Biopsy and the testicular artery of the horse. Smith JA. Equine Vet J 6:81-3, Apr 74
[Testosterone biosynthesis in spontaneous dysopic rat testes with genetic descensus disorder] Abraham R, et al.
Endokrinologie 62:368-75, 1973 (Eng. Abstr.) (Ger)

DISGERMINOMA

- Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. Urology 3:684-8, Jun 74
[Malignant testicular tumors (author's transl)] Kollias G, et al.
Urologe [A] 13:72-4, Mar 74 (Eng. Abstr.) (Ger)

COMPLICATIONS

- Bilateral successive seminomas in scrotal testes. Barbaliass GA. Del Med J 46:243-7, May 74
[Gonoma and ovarian dysgenesis. Apropos of 2 cases] Laures JC, et al.
Arch Anat Pathol (Paris) 22:61-4, Mar 74 (Fre)

DIAGNOSIS

- Ultrasonic patterns of tumors of the liver. Melki G. J Clin Ultrasound 1:306-14, Dec 73

DRUG THERAPY

- Biochemical studies of cancer patients treated with acridine derivative (C-283). IV. Changes in the levels of serum haptoglobin and sialic acid. Dobryszczycka W, et al. Arch Immunol Ther Exp (Warsz) 21:271-9, 1973
Diamminodichloroplatinum in the chemotherapy of testicular tumors. Higby DJ, et al.
J Urol 112:100-4, Jul 74
[Bleomycin for malignant tumours of the genitals of the male (author's transl)] Rathert P, et al.
Urologe [A] 13:67-71, Mar 74 (Eng. Abstr.) (Ger)
[Fertility disturbances following treatment of patients with testicular tumors (author's transl)] Weissbach L, et al. Urologe [A] 13:80-5, Mar 74 (Eng. Abstr.) (Ger)

ENZYMOLGY

- [Histoenzymologic study of secretory tumors of the ovary] Laffargue P, et al.
Arch Anat Pathol (Paris) 21:113-22, Jun 73 (Eng. Abstr.) (Fre)

FAMILIAL & GENETIC

- Apparent pseudopuberty in a phenotypic female with a gonadal tumor and an autosome-Y chromosome

- translocation. Park IJ, et al.
Am J Obstet Gynecol 119:661-8, 1 Jul 74

MORTALITY

- Prolonged survival in paraplegia due to metastatic spinal tumours. Jameson RM.
Lancet 1:1209-11, 15 Jun 74
Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. Urology 3:684-8, Jun 74

OCCURRENCE

- Rural preponderance of testicular neoplasms. Talerman A, et al. Br J Cancer 29:176-8, Feb 74
Chemodectomas in dogs: epidemiologic comparisons with man. Hayes HM Jr, et al.
J Natl Cancer Inst 52:1455-8, May 74

PATHOLOGY

- Apparent pseudopuberty in a phenotypic female with a gonadal tumor and an autosome-Y chromosome translocation. Park IJ, et al.
Am J Obstet Gynecol 119:661-8, 1 Jul 74
In utero tumor induction by murine sarcoma virus (Moloney) in the rat. II. Histological and ultrastructural characteristics. Sobis H, et al.
Int J Cancer 11:543-54, May 73
In utero tumor induction by murine sarcoma virus (Moloney) in the rat. I. Biological characteristics. Vandeputte M, et al. Int J Cancer 11:536-42, May 73
Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. Urology 3:684-8, Jun 74
[Gonoma and ovarian dysgenesis. Apropos of 2 cases] Laures JC, et al.
Arch Anat Pathol (Paris) 22:61-4, Mar 74 (Fre)

RADIOGRAPHY

- [Lymphography: technique and indication from the surgical view point] Krueger P.
Zentralbl Chir 99:361-8, 22 Mar 74 (Ger)

RADIOTHERAPY

- Lymphadenectomy combined with preoperative and postoperative cobalt 60 teletherapy in the management of embryonal carcinoma and teratocarcinoma of the testis. Nicholson TC, et al.
J Urol 112:109-10, Jul 74
Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. Urology 3:684-8, Jun 74

SURGERY

- Bilateral successive seminomas in scrotal testes. Barbaliass GA. Del Med J 46:243-7, May 74
Lymphadenectomy combined with preoperative and postoperative cobalt 60 teletherapy in the management of embryonal carcinoma and teratocarcinoma of the testis. Nicholson TC, et al.
J Urol 112:109-10, Jul 74
Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. Urology 3:684-8, Jun 74
[Complications following retroperitoneal lymph node dissection in malignant testicular tumors (author's transl)] Bartels H, et al.
Urologe [A] 13:75-9, Mar 74 (Eng. Abstr.) (Ger)

VETERINARY

- Chemodectomas in dogs: epidemiologic comparisons with man. Hayes HM Jr, et al.
J Natl Cancer Inst 52:1455-8, May 74

EUNUCHISM

COMPLICATIONS

- Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al.
Arch Pathol 98:1-8, Jul 74

FAMILIAL & GENETIC

- [Male hypogonadism] Ceresa F.
Minerva Ginecol 26:134-8, Mar 74 (Ita)

GONADS

HYPOGONADISM

PHYSIOPATHOLOGY

Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al.
J Clin Endocrinol Metab 38:1083-9, Jun 74

GRANULOSA CELL TUMOR

[A case of "granulosa cell tumor" of the breast] Rampinelli L.
Pathologica 65:409-11, Nov-Dec 73 (Eng. Abstr.) (Ita)

ENZYMOLGY

[Histoenzymologic study of secretory tumors of the ovary] Laffargue P, et al.
Arch Anat Pathol (Paris) 21:113-22, Jun 73 (Eng. Abstr.) (Fre)

IMMUNOLOGY

[Microscopical studies on the morphology of lympho-induced tumor cell destruction in vitro (author's transl)] Schönfelder M, et al.
Pathol Microbiol (Basel) 40:251-8, 1974 (Eng. Abstr.) (Ger)

PATHOLOGY

Brenner tumors and Walther cell nests. Bransilver BR, et al. *Arch Pathol* 98:76-86, Aug 74
 [Microscopical studies on the morphology of lympho-induced tumor cell destruction in vitro (author's transl)] Schönfelder M, et al.
Pathol Microbiol (Basel) 40:251-8, 1974 (Eng. Abstr.) (Ger)

HERMAPHRODITISM

The role of genetic balance in control of transcription rate in the X-chromosomes of *Drosophila melanogaster*. Ananiev EV, et al.
Chromosoma 45:193-201, 14 Mar 74
 [Biological basis of hermaphroditism] Boczkowski K.
Ginekol Pol 45:657-61, Jun 74 (Pol)

BLOOD

[Sex determination in the disorders of sexual development by cytogenetical study of blood] Lakiza BS, et al. *Sud Med Ekspert* 17:31-3, Apr-Jun 74 (Rus)

FAMILIAL & GENETIC

[True hermaphroditism with a chromosome mosaic of XX-XY-XXY] Broeders GH, et al.
Ned Tijdschr Geneesk 118:726-32, 11 May 74 (Eng. Abstr.) (Dut)
 [Chromosome aberrations of obstetrico-gynecological interest] Fraccaro M.
Minerva Ginecol 26:57-61, Feb 74 (Ita)
 [Sex determination in the disorders of sexual development by cytogenetical study of blood] Lakiza BS, et al. *Sud Med Ekspert* 17:31-3, Apr-Jun 74 (Rus)

SURGERY

[True hermaphroditism with a chromosome mosaic of XX-XY-XXY] Broeders GH, et al.
Ned Tijdschr Geneesk 118:726-32, 11 May 74 (Eng. Abstr.) (Dut)

THERAPY

[Hermaphroditism: urological aspect] Iwado K.
Clin Endocrinol (Tokyo) 22:208-11, Jan 74 (Jap)
 [Hermaphroditism: in pediatrics] Suwa S.
Clin Endocrinol (Tokyo) 22:204-6, Jan 74 (Jap)

VETERINARY

Mucous and serous components of the submandibular and sublingual glands of *Macaca irus* and *Cercopithecus aethiops*. Jacoben N, et al.
Acta Histochem (Jena) 46:281-7, 1973
 [Three cases of intersexuality in the dog (author's transl)] Wentink GH, et al.
Tijdschr Diergeneesk 98:437-45, 1 May 73 (Eng. Abstr.) (Dut)

HYPOGONADISM

[Delayed puberty: gynecological aspect] Hiroi M.
Clin Endocrinol (Tokyo) 22:190-2, Jan 74 (Jap)

BLOOD

Long-term treatment of galactorrhea and hypogonadism with bromocriptine. Thorner MO, et al.
Br Med J 2:419-22, 25 May 74
 Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)
 Radioimmunoassay of plasma testosterone. Forti G, et al.
Clin Endocrinol (Oxf) 3:5-17, Jan 74
 Antibodies against Sertoli cells in human infertility. Wall JR, et al. *Clin Endocrinol (Oxf)* 3:187-94, Apr 74
 Gonadotropin response to luteinizing hormone-releasing hormone in men with germinal aplasia. Mecklenburg RS, et al.
J Clin Endocrinol Metab 38:1005-8, Jun 74
 Disparity in the negative gonadal feedback control for LH and FSH secretion in cases of germinal aplasia or Sertoli-cell-only syndrome. Zárate A, et al.
J Clin Endocrinol Metab 38:1125-7, Jun 74
 [Blood LH and FSH before and after intravenous synthetic LH releasing hormone administration in patients with primary hypogonadism] Wagner H, et al.
Verh Dtsch Ges Inn Med 79:1238-42, 1973 (Ger)
 [Endocrinological differentiation of male hypogonadism by radioimmunoassay of serum FSH, LH and testosterone levels (author's transl)] Lunglmayr G, et al.
Wien Klin Wochenschr 86:305-10, 31 May 74 (Eng. Abstr.) (Ger)

CLASSIFICATION

[Primary ovarian insufficiency and its clinical classification] Böaze P, et al.
Orv Hetil 115:70-3, 13 Jan 74 (Hun)

COMPLICATIONS

Addison's disease-serological studies. Nerup J.
Acta Endocrinol (Kbh) 76:142-58, May 74
 Addison's disease-clinical studies. A report of 108 cases. Nerup J.
Acta Endocrinol (Kbh) 76:127-41, May 74
 Long-term treatment of galactorrhea and hypogonadism with bromocriptine. Thorner MO, et al.
Br Med J 2:419-22, 25 May 74
 [Juvenile diabetes and primary optic atrophy] Laffay G, et al.
Sem Hop Paris 50:127-41, 8 Jan 74 (Eng. Abstr.) (Fre)
 [Hypogonadism in Werner's syndrome] Török L, et al.
Z Hautkr 49:179-81, 1 Mar 74 (Ger)
 [Transplantation of the testis in endocrine form of impotence] Kirpatovskif ID, et al.
Vestn Khir 112:58-62, May 74 (Eng. Abstr.) (Rus)

DIAGNOSIS

Endocrine profiles in the clinical laboratory. Bacchus H. *Frog Clin Pathol* 4:1-110, 1972 (217 ref.)
 [Clinical evaluation of the stimulation test using synthetic LH-RH] Olivier GC, et al.
Union Med Can 103:685-90, Apr 74 (Eng. Abstr.) (Fre)
 [Male hypogonadism] Ceresa F.
Minerva Ginecol 26:134-8, Mar 74 (Ita)

DRUG THERAPY

Long-term treatment of galactorrhea and hypogonadism with bromocriptine. Thorner MO, et al.
Br Med J 2:419-22, 25 May 74
 Proceedings: The induction of gonadotrophin secretion with repeated subcutaneous injections of luteinizing hormone-follicle-stimulating hormone releasing hormone in men with hypogonadotrophic hypogonadism. Mortimer CH, et al.
N Engl J Med 291:ixlixlii, 11 Jun 74

ENZYMOLGY

Permissive effect of testosterone on dietary adaptation of jejunal pyruvate kinase in hypogonadal males. Lufkin EG, et al.
J Clin Endocrinol Metab 38:1130-3, Jun 74

HYPOGONADISM

ETIOLOGY

- [Hypogonadism due to luteotropin-releasing hormone (LHRH) deficiency in a child with Prader-Labhart-Willi syndrome (author's transl)] Morgner KD, et al. *Dtsch Med Wochenschr* 99:1196-8, 31 May 74 (Eng. Abstr.) (Ger)
- [Cranio-vertebral boundary anomaly with pituitary gonadotropic insufficiency] Głębowaka H, et al. *Endokrynol Pol* 25:153-8, Mar-Apr 74 (Eng. Abstr.) (Pol)
- [Zinc and zinc deficiency—a clinical review] Haeger K. *Lakartidningen* 70:3243-6, 19 Sep 73 (46 ref.) (Eng. Abstr.) (Swe)

FAMILIAL & GENETIC

- [An unusual form of the Muckle and Wells syndrome: perception deafness, hypogonadism, repeated febrile urticaria and arthritis, with renal insufficiency] Fabre J, et al. *Minerva Nefrol* 20:276-9, Jul-Oct 73 (Fre)
- [Deafness, urticaria, arthritis, hypogonadism and renal insufficiency (syndrome of Muckle and Wells) (author's transl)] Perrotet C, et al. *Praxis* 63:651-9, 28 May 74 (Eng. Abstr.) (Fre)

IMMUNOLOGY

- Antibodies against Sertoli cells in human infertility. Wall JR, et al. *Clin Endocrinol (Oxf)* 3:187-94, Apr 74

METABOLISM

- The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. Schwartz U, et al. *Acta Endocrinol (Kbh)* 76:159-71, May 74
- Proceedings: Gonadotrophin secretion in endocrine disorders: response to luteinizing hormone-follicle-stimulating hormone releasing hormone. Jequier AM, et al. *N Engl J Med* 291:1x1, 11 Jun 74
- Proceedings: The induction of gonadotrophin secretion with repeated subcutaneous injections of luteinizing hormone-follicle-stimulating hormone releasing hormone in men with hypogonadotrophic hypogonadism. Mortimer CH, et al. *N Engl J Med* 291:1x1xii, 11 Jun 74

PATHOLOGY

- Antibodies against Sertoli cells in human infertility. Wall JR, et al. *Clin Endocrinol (Oxf)* 3:187-94, Apr 74

PHYSIOPATHOLOGY

- Radioimmunoassay of plasma testosterone. Forti G, et al. *Clin Endocrinol (Oxf)* 3:5-17, Jan 74
- Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al. *J Clin Endocrinol Metab* 38:1083-9, Jun 74
- Modulation of pituitary responsiveness to LRF by estrogen. Yen SS, et al. *J Clin Endocrinol Metab* 39:170-7, Jul 74
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
- [Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al. *Folia Endocrinol (Roma)* 27:303-27, Jun 74 (Eng. Abstr.) (Ita)

THERAPY

- [Delayed puberty: urological aspect] Kumamoto E. *Clin Endocrinol (Tokyo)* 22:186-8, Jan 74 (Jap)
- [Delayed puberty: in pediatrics] Suwa S. *Clin Endocrinol (Tokyo)* 22:182-5, Jan 74 (Jap)

URINE

- [Hypogonadism in Werner's syndrome] Török L, et al. *Z Hautkr* 49:179-81, 1 Mar 74 (Ger)

GONADS

KLINFELTER'S SYNDROME

BLOOD

- Improved plasma testosterone assay by competitive protein binding and clinical availability. Frick J. *Invest Urol* 12:27-9, Jul 74
- Letter: Prolactin levels in gynecomastia related to Klinefelter's syndrome. Hagen C, et al. *Lancet* 2:57, 6 Jul 74

COMPLICATIONS

- Klinefelter's syndrome with anophthalmos. Welter DA, et al. *Am J Ophthalmol* 77:895-8, Jun 74
- Sex chromosome abnormalities, homosexuality and psychological treatment. Orwin A, et al. *Br J Psychiatry* 124:293-5, Mar 74
- Klinefelter's and Down's syndrome in an adolescent with abnormal EEG. Efinaki D, et al. *Clin Genet* 5:81-5, 1974
- Letter: Prolactin levels in gynecomastia related to Klinefelter's syndrome. Hagen C, et al. *Lancet* 2:57, 6 Jul 74
- Male infertility. Current diagnosis and treatment. Amelar RD, et al. *Urology* 1:1-31, Jan 73
- [Klinefelter's syndrome. Clinical, laboratory, psychiatric, cytogenetic and histopathologic study of 28 personal cases] Molinatti GM, et al. *Minerva Med* 65:1009-31, 14 Mar 74 (Ita)

DIAGNOSIS

- The detection of Klinefelter's syndrome at birth. Harris JS, et al. *Clin Pediatr (Phila)* 13:581-6, Jul 74
- [Klinefelter's syndrome—clinical and laboratory findings in 5 boys] Zifka J, et al. *Cesk Pediatr* 29:198-203, Apr 74 (Eng. Abstr.) (Cze)
- [The use of dermatoglyphics in the diagnosis of Klinefelter's syndrome (author's transl)] Málková J. *Sb Lek* 74:276-81, Sep 72 (Eng. Abstr.) (Cze)
- [Klinefelter's syndrome. Clinical, laboratory, psychiatric, cytogenetic and histopathologic study of 28 personal cases] Molinatti GM, et al. *Minerva Med* 65:1009-31, 14 Mar 74 (Ita)
- [Comparative clinical and cytogenetic studies of 2 forms of male hypergonadotropic hypogonadism (Klinefelter's syndrome and bilateral cryptorchidism)] Bordzhadze VK, et al. *Probl Endocrinol (Mosk)* 20:31-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

ENZYMOLGY

- Permissive effect of testosterone on dietary adaptation of jejunal pyruvate kinase in hypogonadal males. Lufkin EG, et al. *J Clin Endocrinol Metab* 38:1130-3, Jun 74

FAMILIAL & GENETIC

- Klinefelter's syndrome with anophthalmos. Welter DA, et al. *Am J Ophthalmol* 77:895-8, Jun 74
- Klinefelter's and Down's syndrome in an adolescent with abnormal EEG. Efinaki D, et al. *Clin Genet* 5:81-5, 1974
- Chromosomes and human infertility. I. Mitotic and meiotic chromosome studies in 202 consecutive male patients. Koulischer L, et al. *Clin Genet* 5:116-26, 1974
- An infant with an XXXYY karyotype. Lecluse-van der Bilt FA, et al. *Clin Genet* 5:263-70, 1974
- Abnormalities of human sex chromosomes. VI. Monozygotic twins with the complement 48,XXXYY. Simpson JL, et al. *Humangenetik* 21:301-8, 28 Mar 74
- Identification of a 18-21 translocation with Klinefelter's syndrome by G-band patterns. Waldenmaier C, et al. *Humangenetik* 21:323-9, 28 Mar 74
- [Klinefelter's syndrome—clinical and laboratory findings in 5 boys] Zifka J, et al. *Cesk Pediatr* 29:198-203, Apr 74 (Eng. Abstr.) (Cze)
- [The use of dermatoglyphics in the diagnosis of Klinefelter's syndrome (author's transl)] Málková J. *Sb Lek* 74:276-81, Sep 72 (Eng. Abstr.) (Cze)
- [Cytogenetic and clinical study in four men with karyotype 46,XX (author's transl)] Neuwirth J, et al. *Sb Lek* 74:282-8, Sep 72 (Eng. Abstr.) (Cze)
- [Male hypogonadism] Ceresa F. *Minerva Ginecol* 26:134-8, Mar 74 (Ita)
- [Klinefelter's syndrome. Clinical, laboratory,

GONADS

OVARIAN CYSTS

psychiatric, cytogenetic and histopathologic study of 28 personal cases] Molinatti GM, et al.
Minerva Med 65:1009-31, 14 Mar 74 (Ita)
 [Comparative clinical and cytogenetical studies of 2 forms of male hypergonadotropic hypogonadism (Klinefelter's syndrome and bilateral cryptorchism)] Bordzhadze VK, et al.
Probl Endokrinol (Mosk) 20:31-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

METABOLISM

Abnormalities of human sex chromosomes. VI. Monozygotic twins with the complement 48,XXXY. Simpson JL, et al. *Humangenetik* 21:301-8, 28 Mar 74
 [Comparative clinical and cytogenetical studies of 2 forms of male hypergonadotropic hypogonadism (Klinefelter's syndrome and bilateral cryptorchism)] Bordzhadze VK, et al.
Probl Endokrinol (Mosk) 20:31-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

PATHOLOGY

[Klinefelter's syndrome--clinical and laboratory findings in 5 boys] Zizka J, et al.
Cesk Pediatr 29:198-203, Apr 74 (Eng. Abstr.) (Cze)
 [Klinefelter's syndrome. Clinical, laboratory, psychiatric, cytogenetic and histopathologic study of 28 personal cases] Molinatti GM, et al.
Minerva Med 65:1009-31, 14 Mar 74 (Ita)

PHYSIOPATHOLOGY

Klinefelter's and Down's syndrome in an adolescent with abnormal EEG. Eflinski D, et al.
Clin Genet 5:81-5, 1974
 [Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al.
Folia Endocrinol (Roma) 27:303-27, Jun 74 (Eng. Abstr.) (Ita)

THERAPY

Sex chromosome abnormalities, homosexuality and psychological treatment. Orwin A, et al.
Br J Psychiatry 124:293-5, Mar 74

URINE

An infant with an XXXYY karyotype. Lecluse-van der Bilt FA, et al. *Clin Genet* 5:263-70, 1974
 [Klinefelter's syndrome. Clinical, laboratory, psychiatric, cytogenetic and histopathologic study of 28 personal cases] Molinatti GM, et al.
Minerva Med 65:1009-31, 14 Mar 74 (Ita)

LEYDIG CELL TUMOR

CHEMICALLY INDUCED

Carcinogenicity of nitrosamines and methanesulphonate esters given intraperitoneally, in RF mice. Clapp NK. *Int J Cancer* 12:728-33, 15 Nov 73
 Tumorigenesis by cadmium. Lucis OJ, et al.
Oncology 26:53-67, 1972

METABOLISM

Tumorigenesis by cadmium. Lucis OJ, et al.
Oncology 26:53-67, 1972

OCCURRENCE

Chemodectomas in dogs: epidemiologic comparisons with man. Hayes HM Jr, et al.
J Natl Cancer Inst 52:1455-8, May 74

PATHOLOGY

Letter: Feminization in tumors of Sertoli-Leydig cells. Fontanes de Torres E.
Acta Cytol (Baltimore) 18:187-9, May-Jun 74
 Multiple tumors in the pericardial cavity of an Australian rock oyster, *Crassostrea commercialis* (Iredale and Roughley). Dinamani P, et al.
Int J Cancer 11:293-9, 15 Mar 73

VETERINARY

Chemodectomas in dogs: epidemiologic comparisons with man. Hayes HM Jr, et al.
J Natl Cancer Inst 52:1455-8, May 74

MEIGS' SYNDROME

DIAGNOSIS

Pseudo-Meigs's syndrome. An unusual case with analysis of the effusions. Jimerson SD.
Obstet Gynecol 42:535-7, Oct 73

RADIOGRAPHY

Pseudo-Meigs's syndrome. An unusual case with analysis of the effusions. Jimerson SD.
Obstet Gynecol 42:535-7, Oct 73

OVARIAN CYSTS

BLOOD

Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)

COMPLICATIONS

President's address. Cancer and the ovary. Percival R.
Proc R Soc Med 67:381-7, May 74

DIAGNOSIS

[The problem of giant ovarian cysts (author's transl)] Mehrling W.
Geburtshilfe Frauenheilkd 34:195-7, Mar 74 (Eng. Abstr.) (Ger)
 [Ultrasound diagnosis in gynecology] Sande HA.
Tidsskr Nor Laegeforen 94:571-3, 30 Mar 74 (Nor)
 [Emergency laparoscopy in various acute abdominal syndromes] De las Casas Alonso P, et al.
Rev Esp Enferm Apar Dig 43:19-24, 1 Apr 74 (Spa)

HISTORY

President's address. Cancer and the ovary. Percival R.
Proc R Soc Med 67:381-7, May 74

IMMUNOLOGY

[Demonstration of normal (nonspecific antibodies in the fluid from ovarian cysts in cows)] Kozhukharova L.
Vet Med Nauki 10:23-8, 1973 (Eng. Abstr.) (Bul)

METABOLISM

Quantitative estimation of neutral and amino sugars of glycoproteins from human secretions by gas-liquid chromatography. Clarke AE, et al.
Biochem Med 9:342-53, Apr 74

PATHOLOGY

Oat cell tumor of the small bowel. Toker C.
Am J Gastroenterol 61:481-3, Jun 74
 [Age-related characteristics of the clinical symptoms of cystic formations in the uterine adnexa in children] Klebanovich VI, et al.
Vestn Khir 111:87-9, Oct 73 (Eng. Abstr.) (Rus)

RADIOGRAPHY

Contrast enhancement of pelvo-abdominal masses: the rim sign. Phillips JC, et al. *Radiology* 112:17-21, Jul 74

SURGERY

Oat cell tumor of the small bowel. Toker C.
Am J Gastroenterol 61:481-3, Jun 74
 Teeth in a dermoid tumor. Bohrer SP.
Oral Surg 32:162-3, Jul 74
 President's address. Cancer and the ovary. Percival R.
Proc R Soc Med 67:381-7, May 74
 [Age-related characteristics of the clinical symptoms of cystic formations in the uterine adnexa in children] Klebanovich VI, et al.
Vestn Khir 111:87-9, Oct 73 (Eng. Abstr.) (Rus)
 [Changes in the breasts in women after undergoing

OVARIAN CYSTS

operations for ovarian cysts] Bukhanevich ID.
Pediater Akush Ginekol 3:60-1, 1973 (Ukr)

URINE

Urinary excretion of oestrone and oestradiol-17alpha in
cows with cystic ovaries. Lunaas T, et al.
Acta Endocrinol (Kbh) 75:350-6, Feb 74

VETERINARY

Urinary excretion of oestrone and oestradiol-17alpha in
cows with cystic ovaries. Lunaas T, et al.
Acta Endocrinol (Kbh) 75:350-6, Feb 74
Clinical assessment of reproductive function in female
rhesus monkeys: individual physical examination. Van
Pelt LF. Lab Anim 8:199-212, May 74
[Demonstration of normal (nonspecific) antibodies in
the fluid from ovarian cysts in cows] Kozhukharova
L. Vet Med Nauki 10:23-8, 1973 (Eng. Abstr.) (Bul)

OVARIAN DISEASES

BLOOD

[Indications for special endocrinologic diagnosis in
gynecology] Breckwoldt M, et al.
Fortschr Med 92:727-31, 13 Jun 74 (Ger)

CLASSIFICATION

[Primary ovarian insufficiency and its clinical
classification] Böze P, et al.
Orv Hetil 115:70-3, 13 Jan 74 (Hun)

COMPLICATIONS

A clinical and pathologic review of ovarian stromal
hyperplasia and its possible relationship to common
diseases of the female reproductive system. Stearns
HC, et al. Am J Obstet Gynecol 119:375-81, 1 Jun 74
[Right ovarian vein syndrome associated with double
right kidney and ureters] Barbosa E, et al.
Rev Paul Med 79:81-4, Apr 72 (Eng. Abstr.) (Spa)

DIAGNOSIS

Endocrine profiles in the clinical laboratory. Bacchus
H. Prog Clin Pathol 4:1-110, 1972 (217 ref.)
[Gynecologic problems prior to sexual maturation.
Basic principles and practice of pediatric gynecology.
2. Inflammatory diseases of the genitalia, genital
hemorrhage] Huber A, et al.
Fortschr Med 92:735-9, 13 Jun 74 (Ger)
[Genital tuberculosis in women] Fröhlich H, et al.
Wien Med Wochenschr 124:335-7, 1 Jun 74 (Ger)

ETIOLOGY

[Etiology and pathologic anatomy of salpingitis]
Cerbounet G, et al.
Rev Prat 24:481-4 passim, 1 Feb 74 (Fre)
[Current aspects in epidemic parotitis] Gavrilă I, et al.
Bacteriol Virusol Parazitol Epidemiol (Bucur)
19:171-8, Mar-Apr 74 (Eng. Abstr.) (Rum)

OCCURRENCE

A clinical and pathologic review of ovarian stromal
hyperplasia and its possible relationship to common
diseases of the female reproductive system. Stearns
HC, et al. Am J Obstet Gynecol 119:375-81, 1 Jun 74

PATHOLOGY

Malakoplakia--a report of two cases with review of the
literature. Alkat BK, et al.
Indian J Pathol Bacteriol 16:64-70, Oct 73

RADIOGRAPHY

Contrast enhancement of pelvo-abdominal masses: the
rim sign. Phillips JC, et al. Radiology 112:17-21, Jul 74

OVARIAN NEOPLASMS

BALB-cfR3: a new high mammary-tumor and high
leukemia mouse strain. Squartini F, et al.
J Natl Cancer Inst 52:1635-41, May 74

GONADS

Mixed Müllerian tumors of the oviduct. Acosta AA, et
al. Obstet Gynecol 44:84-90, Jul 74

[Metastasizing psammocarcinoma ovary] Kolischwitz D.
Fortschr Geb Roentgenstr Nuklearmed 120:357-60,
Mar 74 (Ger)

[Reticulosarcoma of bone with metastasis to the genital
tract] Piltz J, et al.

Ginekol Pol 45:475-9, Apr 74 (Eng. Abstr.) (Pol)

[Malignant ovarian teratomas] De Agustín P, et al.
Acta Obstet Gynecol Hisp Lusit 21:269-83, Nov 73 (Spa)

[Tumors of the female gonad] Nava y Sánchez RM, et al.
Ginecol Obstet Mex 35:173-89, Feb 74 (Eng. Abstr.) (Spa)

BLOOD

Seromucoid in serum in benign and malignant
gynaecological disorders. Randle GH, et al.
J Obstet Gynaecol Br Commonw 81:479-82, Jun 74
Letter: "Per cent T cells". Russo L, et al.
Lancet 1:1059-60, 25 May 74

COMPLICATIONS

Biochemical studies of cancer patients treated with
acridine derivative (C-283). IV. Changes in the levels
of serum haptoglobin and sialic acid. Dobryszczyka W,
et al. Arch Immunol Ther Exp (Warsz) 21:271-9, 1973
Pseudo-Meigs's syndrome. An unusual case with
analysis of the effusions. Jimerson SD.
Obstet Gynecol 42:535-7, Oct 73

Peritoneal gliomatosis produced by ovarian teratomas.
Nogales FF Jr, et al. Obstet Gynecol 43:915-20, Jun 74
Endometriosis of the colon: report of 14 patients
requiring partial colectomy. McSwain B, et al.
South Med J 67:651-8, Jun 74

[Gonionoma and ovarian dysgenesis. Apropos of 2 cases]
Laures JC, et al.

Arch Anat Pathol (Paris) 22:61-4, Mar 74 (Fre)

[Pigmented villo-nodular synovitis of the hip with bone
manifestations] Bellet M, et al.

J Radiol Electrol Med Nucl 54:861, Nov 73 (Fre)

[Recurrent hemorrhagic pericarditis revealing
adenocarcinoma of probable ovarian origin. 4-year
survival following pericardectomy] Duflo B, et al.
Sem Hop Paris 49:3459-62, 14 Dec 73 (Eng. Abstr.) (Fre)

[Double primary malignancy--a model of
interdisciplinary cooperation (author's transl)]
Meissner K, et al.

Geburtshilfe Frauenheilkd 34:207-8, Mar 74 (Eng.
Abstr.) (Ger)

[Differential diagnostic significance of colonic diseases
in gynecology] Carol W.

Z Aerzt Fortbild (Jena) 68:125-8, 1 Feb 74 (Ger)

[Treatment of metastasizing virilizing ovoblastoma
with cyproterone acetate] Varga P, et al.

Orv Hetil 115:1165-8, 19 May 74 (Hun)

[Primary multiple cancer of the stomach and its
association with the carcinoma of other organs]
Nadzharov AG, et al. Klin Khir 10:62-4, Oct 73 (Rus)

[Precocious puberty in girls] Timakova ES.
Pediatrlia 3:67-9, Mar 74 (Eng. Abstr.) (Rus)

[Malignant ovarian teratomas] De Agustín P, et al.
Acta Obstet Gynecol Hisp Lusit 21:269-83, Nov 73 (Spa)

DIAGNOSIS

Morphology of mesothelial cells in peritoneal fluid
from normal women. McGowan L, et al.

Acta Cytol (Baltimore) 18:205-9, May-Jun 74

Serum alpha-fetoprotein: diagnostic significance in
liver disease. Ruoslahti E, et al.

Br Med J 2:527-9, 8 Jun 74

President's address. Cancer and the ovary. Percival R.
Proc R Soc Med 67:381-7, May 74

[Leiomyoma of the rectum and gynecological
laparotomy] Jalilova V, et al.

Zentralbl Gynaekol 96:503-5, 19 Apr 74 (Eng. Abstr.) (Fre)

[The problem of giant ovarian cysts (author's transl)]
Mehring W.

Geburtshilfe Frauenheilkd 34:195-7, Mar 74 (Eng.
Abstr.) (Ger)

[Double primary malignancy--a model of
interdisciplinary cooperation (author's transl)]
Meissner K, et al.

Geburtshilfe Frauenheilkd 34:207-8, Mar 74 (Eng.
Abstr.) (Ger)

GONADS

OVARIAN NEOPLASMS

[Primary retroperitoneal tumors] During R.
Z Aerztl Fortbild (Jena) 67:1187-92, 1 Dec 73 (Ger)

DRUG THERAPY

Biochemical studies of cancer patients treated with acridine derivative (C-283). IV. Changes in the levels of serum haptoglobin and sialic acid. Dobryszczyka W, et al. Arch Immunol Ther Exp (Warsz) 21:271-9, 1973
Studies of cancer patients treated with acridine derivative (C-283). V. Lactate dehydrogenase of serum, leukocytes and erythrocytes. Dobryszczyka W, et al. Arch Immunol Ther Exp (Warsz) 22:251-60, 1974
Burkitt's lymphoma in Ghana: clinical features and response to chemotherapy. Nkrumah FK, et al. Int J Cancer 11:19-29, 15 Jan 73
Letter: "Per cent T cells". Russo L, et al. Lancet 1:1059-60, 25 May 74

Progesterone in the management of hormone-dependent inoperable tumours. Szemesi I. Ther Hung 20:150-1, 1972

[Letter: Prednisone treatment of breast cancer with metastases] Billund JK.

Ugeskr Laeger 136:1306, 10 Jun 74 (Dan)

[Progestagens in gynecologic oncology] Gorins A. Can Med 14:1056-63, 30 Nov 73 (Fre)

[Treatment of metastasizing virilizing ovoblastoma with cyproterone acetate] Varga P, et al. Orv Hetil 115:1165-8, 19 May 74 (Hun)

[Physicochemical properties and antileukemic activity of crystalline L-asparaginase from Escherichia coli] Nikolaev Ala, et al.

Vopr Med Khim 20:272-6, May 74 (Eng. Abstr.) (Rus)

ENZYMOMOLOGY

Studies of cancer patients treated with acridine derivative (C-283). V. Lactate dehydrogenase of serum, leukocytes and erythrocytes. Dobryszczyka W, et al. Arch Immunol Ther Exp (Warsz) 22:251-60, 1974
[Histoenzymologic study of secretory tumors of the ovary] Laffargue P, et al. Arch Anat Pathol (Paris) 21:113-22, Jun 73 (Eng. Abstr.) (Fre)

FAMILIAL & GENETIC

Apparent pseudopuberty in a phenotypic female with a gonadal tumor and an autosome-Y chromosome translocation. Park IJ, et al. Am J Obstet Gynecol 119:661-8, 1 Jul 74

HISTORY

President's address. Cancer and the ovary. Percival R. Proc R Soc Med 67:381-7, May 74

IMMUNOLOGY

Serologic immunotherapy: results and probable mechanism of action. Order SE, et al. Cancer 34:175-83, Jul 74

Lymphocyte stimulation by phytohemagglutinin and tumor cells of malignant effusions. Robinson E, et al. Cancer Res 34:1548-51, Jul 74

Increase of lymphocyte-mediated tumor-cell destruction by certain patient sera. Hellström I, et al. Int J Cancer 12:348-53, 15 Sept 73

Carcinoembryonic antigenic activity of tissue extracts: a quantitative study of malignant and benign neoplasms, cirrhotic liver, normal adult and fetal organs. Khoo SK, et al. Int J Cancer 11:681-7, May 73
A method for growing, freeze-storing and isotopically labelling human tumour cells for in vitro assays of tumour immunity. Souhami R, et al. J Immunol Methods 5:137-46, Jul 74

President's address. Cancer and the ovary. Percival R. Proc R Soc Med 67:381-7, May 74

[Microscopical studies on the morphology of lympho-induced tumor cell destruction in vitro (author's transl)] Schönfelder M, et al. Pathol Microbiol (Basel) 40:251-8, 1974 (Eng. Abstr.) (Ger)

METABOLISM

[Human teratocarcinoma: cellular affinity labeling with tritiated estrogens] Uriel J, et al. Nouv Presse Med 3:1213-5, 11 May 74 (Eng. Abstr.) (Fre)

[Mechanism of the autoregulation of energy metabolism in the cells of certain ascites tumors] Kaz'min SD.

Biokhimiia 38:664-9, Jul-Aug 73 (Eng. Abstr.) (Rus)

[Characteristics of RNA metabolism in the presence of inhibitors of energy metabolism] Stelletskala NV, et al.

Biokhimiia 38:1287-75, Nov-Dec 73 (Eng. Abstr.) (Rus)

MICROBIOLOGY

[Isolation of type C RNA-containing viruses from transplantable lines of human tissue] Argirova RM, et al.

Vopr Virusol 18:45-50, Jan-Feb 73 (Eng. Abstr.) (Rus)

MORTALITY

Human cancer mortality in relation to poultry population, by county, in 10 southeastern States. Priester WA, et al. J Natl Cancer Inst 53:45-9, Jul 74

Prolonged survival in paraplegia due to metastatic spinal tumours. Jameson RM.

Lancet 1:1209-11, 15 Jun 74

President's address. Cancer and the ovary. Percival R. Proc R Soc Med 67:381-7, May 74

PATHOLOGY

Letter: Feminization in tumors of Sertoli-Leydig cells. Fentanes de Torres E.

Acta Cytol (Baltimore) 18:187-9, May-Jun 74

Apparent pseudopuberty in a phenotypic female with a gonadal tumor and an autosome-Y chromosome translocation. Park IJ, et al.

Am J Obstet Gynecol 119:661-8, 1 Jul 74

Brenner tumors and Walthard cell nests. Bransilver BR, et al. Arch Pathol 98:76-86, Aug 74

Arrhenoblastoma in a chukar partridge. West JL. Avian Dis 18:258-61, Apr-Jun 74

Ovarian carcinoma metastatic to the breast. Royen PM, et al. Br J Radiol 47:356-7, Jun 74

The role of lymphography in patients with ovarian cancer. Parker BR, et al. Cancer 34:100-5, Jul 74

Correlation conferences in radiology and pathology. Ascites and fever. Rosen RA, et al.

NY State J Med 74:1020-3, Jun 74

Peritoneal gliomatosis produced by ovarian teratomas. Nogales FF Jr, et al. Obstet Gynecol 43:915-20, Jun 74

Incidence of gonadal cancer in the quahaug. Mercenaria mercenaria. Barry MM, et al. Oncology 26:87-96, 1972

President's address. Cancer and the ovary. Percival R. Proc R Soc Med 67:381-7, May 74

[Serous papilliferous cystadenocarcinoma with late metastasis] Johannessen J.

Ugeskr Laeger 136:984, 29 Apr 74 (Eng. Abstr.) (Dan)

[Gonoma and ovarian dysgenesis. Apropos of 2 cases] Laures JC, et al.

Arch Anat Pathol (Paris) 22:61-4, Mar 74 (Fre)

[Human teratocarcinoma: cellular affinity labeling with tritiated estrogens] Uriel J, et al.

Nouv Presse Med 3:1213-5, 11 May 74 (Eng. Abstr.) (Fre)

[Microscopical studies on the morphology of lympho-induced tumor cell destruction in vitro (author's transl)] Schönfelder M, et al.

Pathol Microbiol (Basel) 40:251-8, 1974 (Eng. Abstr.) (Ger)

[Morphology of Burkitt's lymphoma. Report of 25 cases from Sudan and review of the literature] Veress B, et al.

Morphol Igazsagugyi Orv Sz 14:122-8, Apr 74 (Eng. Abstr.) (Hun)

[Reticulosarcoma of bone with metastasis to the genital tract] Piltz J, et al.

Ginekoi Pol 45:475-9, Apr 74 (Eng. Abstr.) (Pol)

[Malignant ovarian teratomas] De Agustín P, et al.

Acta Obstet Ginecol Hisp Lusit 21:269-83, Nov 73 (Spa)

PHYSIOPATHOLOGY

[Hormone producing ovarian tumor] Terajima Y. Clin Endocrinol (Tokyo) 22:124-5, Jan 74 (Jap)

RADIOGRAPHY

The role of lymphography in patients with ovarian cancer. Parker BR, et al. Cancer 34:100-5, Jul 74

Correlation conferences in radiology and pathology.

OVARIAN NEOPLASMS

- Ascites and fever. Rosen RA, et al.
NY State J Med 74:1020-3, Jun 74
- Contrast enhancement of pelvo-abdominal masses: the rim sign. Phillips JC, et al. *Radiology* 112:17-21, Jul 74
- [Metastasizing psammocarcinoma ovary] Kolischwitz D. *Fortschr Geb Roentgenstr Nuklearmed* 120:357-60, Mar 74 (Ger)
- [Radiological aspects in children's gynecology] Benz G, et al.
- Fortschr Med* 92:635-40, 23 May 74 (Eng. Abstr.) (Ger)
- [Lymphography in childhood cancer (author's transl)] Musumeci R, et al.
- Tumori* 58:29-43, Jan-Feb 72 (Eng. Abstr.) (Ita)

RADIOTHERAPY

- Gastrointestinal transit time in ovarian carcinoma irradiated with 60Co. Frankendal B, et al.
- Acta Radiol [Ther] (Stockh)* 13:129-40, Apr 74
- Ovarian carcinoma metastatic to the breast. Royen PM, et al. *Br J Radiol* 47:356-7, Jun 74
- Para-aortic node irradiation in carcinomas. Vongtama V, et al. *Cancer* 34:169-74, Jul 74
- The rationale of anticoagulants in the treatment of cancer. Clifton EE, et al. *J Med (Basel)* 5:107-13, 1974
- [Histological examination of the bone marrow (iliac crest) following local gamma irradiation in 11 patients with genital carcinoma (author's transl)] Bell E, et al.
- Klin Wochenschr* 52:326-33, 1 Apr 74 (Eng. Abstr.) (Ger)

SURGERY

- Gastrointestinal transit time in ovarian carcinoma irradiated with 60Co. Frankendal B, et al.
- Acta Radiol [Ther] (Stockh)* 13:129-40, Apr 74
- Ovarian carcinoma metastatic to the breast. Royen PM, et al. *Br J Radiol* 47:356-7, Jun 74
- Surgical reduction of tumour bulk in management of abdominal Burkitt's lymphoma. Magrath IT, et al.
- Br Med J* 2:308-12, 11 May 74
- The effect of Eck fistula upon intrasplenic ovarian neoplasm formation. Lee S, et al.
- Surg Forum* 23:110-2, 1972
- [Serous papilliferous cystadenocarcinoma with late metastasis] Johannessen J.
- Ugeskr Laeger* 136:984, 29 Apr 74 (Eng. Abstr.) (Dan)
- [The problem of giant ovarian cysts (author's transl)] Mehning W.
- Geburtshilfe Frauenheilkd* 34:195-7, Mar 74 (Eng. Abstr.) (Ger)
- [Double primary malignancy--a model of interdisciplinary cooperation (author's transl)] Meissner K, et al.
- Geburtshilfe Frauenheilkd* 34:207-8, Mar 74 (Eng. Abstr.) (Ger)

THERAPY

- Serologic immunotherapy: results and probable mechanism of action. Order SE, et al.
- Cancer* 34:175-83, Jul 74
- President's address. Cancer and the ovary. Percival R. *Proc R Soc Med* 67:381-7, May 74
- [Hormone producing ovarian tumor] Terajima Y. *Clin Endocrinol (Tokyo)* 22:124-5, Jan 74 (Jap)

VETERINARY

- Arrhenoblastoma in a chukar partridge. West JL. *Avian Dis* 18:258-61, Apr-Jun 74
- Incidence of gonadal cancer in the quahog. Mercenaria mercenaria. Barry MM, et al. *Oncology* 26:87-96, 1972
- Laboratory evaluation of abnormal body fluids. Perman V, et al. *Vet Clin North Am* 4:255-68, May 74

OVARY

ABNORMALITIES

- Extensive genitourinary anomalies associated with Klippel-Feil syndrome. Mecklenburg RS, et al.
- Am J Dis Child* 128:92-3, Jul 74
- A cytological and genetic study of oogenesis in *Drosophila melanogaster*. Bakken AH.
- Dev Biol* 33:100-22, Jul 73
- [Primary ovarian insufficiency and its clinical classification] Böse P, et al.
- Orv Hetil* 115:70-3, 13 Jan 74 (Hun)

GONADS

INJURIES

- The influence of ovarian sonication on fetal development in the rat. Garrison BM, et al.
- J Clin Ultrasound* 1:316-9, Dec 73

PSEUDOHERMAPHRODITISM

BLOOD

- Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism. Job JC, et al.
- J Clin Endocrinol Metab* 38:1109-14, Jun 74

CLASSIFICATION

- Letter: Incomplete male pseudohermaphroditism. Gwinup G. *N Engl J Med* 291:308, 8 Aug 74

COMPLICATIONS

- Patient with Down's syndrome and male pseudohermaphroditism with a 47, XY, plus21 karyotype. Mello RS, et al. *Clin Genet* 5:259-62, 1974
- ["Hairless woman", the male pseudohermaphrodite with testicular feminization] Leinzinger E.
- Wien Med Wochenschr* 124:443-8, 6 Jul 74 (Ger)

DIAGNOSIS

- ["Hairless woman", the male pseudohermaphrodite with testicular feminization] Leinzinger E.
- Wien Med Wochenschr* 124:443-8, 6 Jul 74 (Ger)

DRUG THERAPY

- ["Hairless woman", the male pseudohermaphrodite with testicular feminization] Leinzinger E.
- Wien Med Wochenschr* 124:443-8, 6 Jul 74 (Ger)

FAMILIAL & GENETIC

- Behavioral sexology: ten cases of genetic male intersexuality with impaired prenatal and pubertal androgenization. Money J, et al.
- Arch Sex Behav* 3:181-205, May 74
- Male pseudohermaphroditism with 45X-46XYq-mosaicism in a pair of monozygotic twins. Bengtsson B, et al. *Clin Genet* 5:133-43, 1974
- Patient with Down's syndrome and male pseudohermaphroditism with a 47, XY, plus21 karyotype. Mello RS, et al. *Clin Genet* 5:259-62, 1974
- Familial Reifenstein syndrome. Pencea V, et al.
- J Genet Hum* 21:279-86, Dec 73
- Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al.
- J Invest Dermatol* 63:75-84, Jul 74 (57 ref.)
- Letter: Incomplete male pseudohermaphroditism. Gwinup G. *N Engl J Med* 291:308, 8 Aug 74
- Feminine patterns of androgen metabolism and presence of delta5, 3beta-hydroxysteroid oxidoreductases in target organs of genetic rat male pseudohermaphrodites. Goldman AS, et al.
- Proc Soc Exp Biol Med* 146:539-45, Jun 74

METABOLISM

- Feminine patterns of androgen metabolism and presence of delta5, 3beta-hydroxysteroid oxidoreductases in target organs of genetic rat male pseudohermaphrodites. Goldman AS, et al.
- Proc Soc Exp Biol Med* 146:539-45, Jun 74

PATHOLOGY

- Patient with Down's syndrome and male pseudohermaphroditism with a 47, XY, plus21 karyotype. Mello RS, et al. *Clin Genet* 5:259-62, 1974

SURGERY

- ["Hairless woman", the male pseudohermaphrodite with testicular feminization] Leinzinger E.
- Wien Med Wochenschr* 124:443-8, 6 Jul 74 (Ger)

PUBERTY, PRECOCIOUS

Normal and abnormal sexual maturation. Bryan GT.
Am Fam Physician 9:123-35, Jun 74
 Letter: The Russell-Silver syndrome. Szalay GC.
Am J Dis Child 127:911, Jun 74
 [Puberty] Durando C.
Minerva Ginecol 26:82-5, Feb 74 (Ita)

BLOOD

Dibutyl cyclic 3':5'-adenosine monophosphate in hypopituitarism and Silver-Russell syndrome. Vanderschueren-Lodeweyckx, et al.
Acta Paediatr Scand 63:364-8, May 74
 [Case of precocious pseudopuberty with abnormal hormonal picture] Montaguti A, et al.
Minerva Pediatr 26:235-40, 18 Feb 74 (Eng. Abstr.) (Ita)

CLASSIFICATION

[Classification of disorders of sexual development in girls] Bodiazina VI, et al.
Aktuel Probl Klin Biochem 49:55-61, Jul 73 (Eng. Abstr.) (Rus)

DIAGNOSIS

Normal and abnormal sexual maturation. Bryan GT.
Am Fam Physician 9:123-35, Jun 74
 Letter: Testosterone, L.H.R.H., and behaviour. Tiwary CM. *Lancet* 1:993, 18 May 74
 [Precocious puberty in girls] Timakova ES.
Pediatrila 3:67-9, Mar 74 (Eng. Abstr.) (Rus)

ETIOLOGY

Normal and abnormal sexual maturation. Bryan GT.
Am Fam Physician 9:123-35, Jun 74
 Serum gonadotropins in hypothyroid girls with and without sexual precocity. Lee PA, et al.
Johns Hopkins Med J 135:55-60, Jul 74
 Letter: Testosterone, L.H.R.H., and behaviour. Tiwary CM. *Lancet* 1:993, 18 May 74
 Suprasellar cysts associated with isosexual precocious puberty. Segall HD, et al. *Radiology* 111:607-16, Jun 74
 [Precocious puberty in girls] Timakova ES.
Pediatrila 3:67-9, Mar 74 (Eng. Abstr.) (Rus)

PATHOLOGY

[Case of precocious pseudopuberty with abnormal hormonal picture] Montaguti A, et al.
Minerva Pediatr 26:235-40, 18 Feb 74 (Eng. Abstr.) (Ita)

PHYSIOPATHOLOGY

Letter: Testosterone, L.H.R.H., and behaviour. Tiwary CM. *Lancet* 1:993, 18 May 74
 [Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al.
Folia Endocrinol (Roma) 27:303-27, Jun 74 (Eng. Abstr.) (Ita)
 [Role of androgenic hormones in the formation of the gonadotropic function of the hypothalamo-hypophyseal system in girls at different stages of ontogenesis] Tkachenko NM, et al.
Aktuel Probl Klin Biochem 49:61-4, Jul 73 (Eng. Abstr.) (Rus)

RADIOGRAPHY

[Radiological aspects in children's gynecology] Benz G, et al.
Fortschr Med 92:635-40, 23 May 74 (Eng. Abstr.) (Ger)

THERAPY

[Precocious puberty: gynecological aspect] Hiroi M. *Clin Endocrinol (Tokyo)* 22:200-2, Jan 74 (Jap)
 [Precocious puberty: urological aspect] Shida K, et al. *Clin Endocrinol (Tokyo)* 22:198-9, Jan 74 (Jap)
 [Precocious puberty: in pediatrics] Suwa S.
Clin Endocrinol (Tokyo) 22:194-7, Jan 74 (Jap)

SERTOLI CELL TUMOR

DIAGNOSIS

[Feminizing tumors of the testes] Pawlikowski T, et al.
Endokrynol Pol 25:147-52, Mar-Apr 74 (Eng. Abstr.) (Pol)

FAMILIAL & GENETIC

Apparent pseudopuberty in a phenotypic female with a gonadal tumor and an autosome-Y chromosome translocation. Park IJ, et al.
Am J Obstet Gynecol 119:661-8, 1 Jul 74

PATHOLOGY

Letter: Feminization in tumors of Sertoli-Leydig cells. Fentanes de Torres E.
Acta Cytol (Baltimore) 18:187-9, May-Jun 74
 Apparent pseudopuberty in a phenotypic female with a gonadal tumor and an autosome-Y chromosome translocation. Park IJ, et al.
Am J Obstet Gynecol 119:661-8, 1 Jul 74

SEX CHROMOSOME

ABNORMALITIES

The neck in the XO and XX-XO mosaic Turner's syndrome. Felix A, et al. *Clin Genet* 5:77-80, Jan 74
 Total finger ridge count and 45,X mosaicism (with and without Y chromosome). Kerr JM, et al.
Clin Genet 5:68-71, Jan 74
 Anthropometry in sex chromosome abnormality. Milne JS, et al. *Clin Genet* 5:96-106, 1974
 Von Willebrand's disease, hemophilia A, and factor VIII. Snyder DS. *Hum Pathol* 5:277-89, May 74
 Total-body potassium and lean body mass in males with an abnormal sex chromosome complement. Boddy K, et al. *J Nucl Med* 15:448-52, Jun 74
 Editorial: What is hemophilia? McElfresh AE.
J Pediatr 84:623-4, Apr 74 (5 ref.)
 Letter: X long-arm deletion with features of Turner's syndrome. Wright EV, et al. *Lancet* 1:933, 11 May 74
 Studies of malformation syndromes of man 33: the FG syndrome. An X-linked recessive syndrome of multiple congenital anomalies and mental retardation. Opitz JM, et al.
Z Kinderheilkd 117:1-18, 8 Apr 74
 [True hermaphroditism with a chromosome mosaic of XX-XY-XXY] Broeders GH, et al.
Ned Tijdschr Geneesk 118:726-32, 11 May 74 (Eng. Abstr.) (Dut)

BLOOD

Letter: Possible evidence for Xp plus in and XX Male. Madan K, et al. *Lancet* 1:1223, 15 Jun 74

COMPLICATIONS

Sex chromatin anomaly in Chinese females: psychiatric characteristics of XXX. Tsuang MT.
Br J Psychiatry 124:299-305, Mar 74
 Chromosomes and human infertility. I. Mitotic and meiotic chromosome studies in 202 consecutive male patients. Koullischer L, et al. *Clin Genet* 5:116-26, 1974
 Premature ovarian failure in a triple X female. Smith HC, et al.
J Obstet Gynaecol Br Commonw 81:405-9, May 74
 Letter: Neonatal deaths and sex-chromosome anomalies. Robinson A. *Lancet* 1:1223, 15 Jun 74
 Editorial: Muscle, nerve, or what?
Lancet 1:1025, 25 May 74
 Impaired motor function in XYY males. Daly RF, et al.
Neurology (Minneapolis) 24:655-8, Jul 74

DIAGNOSIS

Premature ovarian failure in a triple X female. Smith HC, et al.
J Obstet Gynaecol Br Commonw 81:405-9, May 74
 Letter: Brilliantly fluorescing enlarged short arms D or G. Nielsen J, et al. *Lancet* 1:1049-50, 25 May 74
 Letter: The 47,XXY karyotype. Robinson A, et al. *Lancet* 1:1343, 29 Jun 74
 Impaired motor function in XYY males. Daly RF, et al.
Neurology (Minneapolis) 24:655-8, Jul 74
 [Importance of the identification of the Q and G bands

- in human cytogenetics] Vianello MG, et al.
Minerva Pediatr 26:514-24, 24 Mar 74 (Eng. Abstr.)
 (Ita)
- [Comparative clinical and cytogenetical studies of 2 forms of male hypergonadotropic hypogonadism (Klinefelter's syndrome and bilateral cryptorchism)] Bordzhadze VK, et al.
Probl Endokrinol (Mosk) 20:31-7, Mar-Apr 74 (Eng. Abstr.)
 (Rus)
- [Study of metaphasic chromosomes by the method of fluorescence (review of the literature)] Korenevskaja MI.
Probl Gematol Perelliv Krovi 19:56-60, Mar 74 (85 ref.)
 (Rus)

DRUG THERAPY

- Premature ovarian failure in a triple X female. Smith HC, et al.
J Obstet Gynaecol Br Commonw 81:405-9, May 74

ETIOLOGY

- Letter: Comments in response to: Seasonal Variation in the Birth of Children with Aneuploid Chromosome Abnormalities. Hansmann I.
Humangenetik 21:207-9, 21 Feb 74
- [Theoretical principles of disorders of sex differentiation and sexual development] László J.
Orv Hetil 114:1403-11, 17 Jun 73 (21 ref.) (Hun)

FAMILIAL & GENETIC

- Hypoxanthine-guanine phosphoribosyltransferase and deutan colour blindness: the relative positions of their loci on the X-chromosome. Emmerson BT, et al.
Adv Exp Med Biol 41:281-3, 1973
- Familial aneuploidy: what risk to sibs? Bell AG, et al.
Can J Genet Cytol 16:113-9, Mar 74
- Center for Barr body condensation on the proximal part of the human Xq: a hypothesis. Therman E, et al.
Chromosoma 44:361-6, 29 Jan 74
- Male pseudohermaphroditism with 45X-46XYq-mosaicism in a pair of monozygotic twins. Bengtsson B, et al. *Clin Genet* 5:133-43, 1974
- X-XY mosaicism with short y. Berger R, et al. *Clin Genet* 5:211-7, 1974
- Chromosomes and human infertility. I. Mitotic and meiotic chromosome studies in 202 consecutive male patients. Koullascher L, et al. *Clin Genet* 5:116-26, 1974
- Patient with Down's syndrome and male pseudohermaphroditism with a 47, XY, plus 21 karyotype. Mello RS, et al. *Clin Genet* 5:259-62, 1974
- Accurate identification of the human Y chromosome. Sulica LO, et al. *Clin Genet* 5:17-27, Jan 74
- XY-XY mosaicism associated with major genital defects. Yunis E, et al. *Clin Genet* 5:91-5, 1974
- Conservation of ancient linkage groups in evolution and some insight into the genetic regulatory mechanism of x-inactivation. Ono S.
Cold Spring Harbor Symp Quant Biol 38:155-64, 1973
- Proceedings: Report of the Committee on the Genetic Constitution of the X Chromosome. Gerald PS, et al. *Cytogenet Cell Genet* 13:29-34, 1974
- A new X-linked recessive disorder with dwarfism, cerebral atrophy, and generalized keratosis follicularis. Cantu JM, et al. *J Pediatr* 84:564-7, Apr 74
- X-autosome translocation in normal mother and effectively 21-monosomic daughter. Summitt RL, et al. *J Pediatr* 84:539-46, Apr 74
- Letter: Possible evidence for Xp plus in and XX Male. Madan K, et al. *Lancet* 1:1223, 15 Jun 74
- Letter: Neonatal deaths and sex-chromosome anomalies. Robinson A. *Lancet* 1:1223, 15 Jun 74
- [Chromosome aberrations of obstetrico-gynecological interest] Fraccaro M.
Minerva Ginecol 26:57-61, Feb 74 (Ita)

METABOLISM

- Quantitative aspects of ribosomal RNA synthesis during ovarian development in two mutants of *Drosophila melanogaster*. Puckett LD, et al.
Biochem Genet 11:249-60, Mar 74

MORTALITY

- Letter: Neonatal deaths and sex-chromosome anomalies. Robinson A. *Lancet* 1:1223, 15 Jun 74

OCCURRENCE

- Sex chromatin anomaly in Chinese females: psychiatric characteristics of XXX. Tsuang MT.
Br J Psychiatry 124:299-305, Mar 74
- Incidence of chromosome aberrations in a child psychiatric hospital. Christensen KR, et al.
Clin Genet 5:205, 1974

PATHOLOGY

- A liveborn triploid infant. Henriksson P, et al.
Acta Paediatr Scand 63:447-9, May 74
- Letter: Possible evidence for Xp plus in and XX Male. Madan K, et al. *Lancet* 1:1223, 15 Jun 74

PHYSIOPATHOLOGY

- Premature ovarian failure in a triple X female. Smith HC, et al.
J Obstet Gynaecol Br Commonw 81:405-9, May 74

SEX DIFFERENTIATION DISORDERS

- Male pseudohermaphroditism with 45X-46XYq-mosaicism in a pair of monozygotic twins. Bengtsson B, et al. *Clin Genet* 5:133-43, 1974
- Sexuality and the nurse. Bullough V, et al.
Imprint 21:17-8 passim, Feb 74
- [Morphological and cytogenetic study of congenital malformations of the genital system in man] Konstantinova B, et al.
Acta Univ Carol [Med Monogr] (Praha) 56:121-4, 1973 (Fre)
- [Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al.
Dtsch Tierärztl Wochenschr 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)

CHEMICALLY INDUCED

- Effect of monosodium glutamate on the endocrine glands and on the reproductive function of the rat. Trentini GP, et al. *Fertil Steril* 25:478-83, Jun 74

CLASSIFICATION

- [Classification of disorders of sexual development in girls] Bodiazina VI, et al.
Aktuel Probl Klin Biochem 49:55-61, Jul 73 (Eng. Abstr.) (Rus)

ETIOLOGY

- [Theoretical principles of disorders of sex differentiation and sexual development] László J.
Orv Hetil 114:1403-11, 17 Jun 73 (21 ref.) (Hun)

FAMILIAL & GENETIC

- X-XY mosaicism with short y. Berger R, et al. *Clin Genet* 5:211-7, 1974

STEIN-LEVENTHAL SYNDROME

BLOOD

- Hyperthecosis syndrome. Farber M, et al.
Obstet Gynecol 44:35-41, Jul 74

COMPLICATIONS

- [Stein-Leventhal syndrome] Stoppelli I, et al.
Minerva Ginecol 26:255-81, May 74 (204 ref.) (Eng. Abstr.) (Ita)

DIAGNOSIS

- Hyperthecosis syndrome. Farber M, et al.
Obstet Gynecol 44:35-41, Jul 74
- [Stein-Leventhal syndrome] Stoppelli I, et al.
Minerva Ginecol 26:255-81, May 74 (204 ref.) (Eng. Abstr.) (Ita)
- [Diagnosis of the causes of the forme fruste of virilization at the age of puberty] Manuilova IA, et al.
Aktuel Probl Klin Biochem 49:70-4, Jul 73 (Rus)

GONADS

TESTICULAR NEOPLASMS

DRUG THERAPY

Hyperthecosis syndrome. Farber M, et al.
Obstet Gynecol 44:35-41, Jul 74

METABOLISM

[Stein-Leventhal syndrome] Stoppelli I, et al.
Minerva Ginecol 26:255-81, May 74 (204 ref.) (Eng. Abstr.) (Ita)

PATHOLOGY

Hyperthecosis syndrome. Farber M, et al.
Obstet Gynecol 44:35-41, Jul 74
[Stein-Leventhal syndrome] Stoppelli I, et al.
Minerva Ginecol 26:255-81, May 74 (204 ref.) (Eng. Abstr.) (Ita)

SURGERY

Hyperthecosis syndrome. Farber M, et al.
Obstet Gynecol 44:35-41, Jul 74
[Stein-Leventhal syndrome] Stoppelli I, et al.
Minerva Ginecol 26:255-81, May 74 (204 ref.) (Eng. Abstr.) (Ita)

THERAPY

[Polycystic ovary syndrome] Nakano R.
Clin Endocrinol (Tokyo) 22:108-9, Jan 74 (Jap)

TESTICULAR DISEASES

CHEMICALLY INDUCED

Affinity labelling studies with 109cadmium in cadmium-induced testicular injury in rats. Chen RW, et al. J Reprod Fertil 38:293-306, Jun 74
Testicular lesions in rats treated for one year with ethambutol in low doses. Trentini GP, et al. Virchows Arch [Pathol Anat] 362:311-14, 1974
[Cancer of the prostate. Morbidity and mortality with estrogen therapy] Ous S, et al.
Tidsskr Nor Laegeforen 94:748-51, 30 Apr 74 (Nor)

COMPLICATIONS

Normal and abnormal sexual maturation. Bryan GT. Am Fam Physician 9:123-35, Jun 74
Male infertility. Current diagnosis and treatment. Amelar RD, et al. Urology 1:1-31, Jan 73
[Testicular malakoplakia] Csapó Z, et al.
Orv Hetil 115:87-9, 13 Jan 74 (Hun)

DIAGNOSIS

Torsed appendage. Diagnosis and management: blue dot sign. Dresner ML. Urology 1:63-6, Jan 73

ETIOLOGY

Vitamin E activity of gamma-tocopherol in the rat, chick and hamster. Bieri JG, et al.
J Nutr 104:850-7, Jul 74
Nocardiosis of the testis. Geelhoed GW, et al.
J Urol 111:791-3, Jun 74
Letter: Benign neural invasion in vasitis nodosa. Kovi J, et al. JAMA 228:1519, 17 Jun 74
[2 unusual manifestations of rheumatoid purpura: testicular localization, neurologic disorders] Labrune B, et al.
Nouv Presse Med 3:1023-5, 20 Apr 74 (Eng. Abstr.) (Fre)

IMMUNOLOGY

Nocardiosis of the testis. Geelhoed GW, et al.
J Urol 111:791-3, Jun 74

PATHOLOGY

Biopsy and the testicular artery of the horse. Smith JA. Equine Vet J 6:81-3, Apr 74
Nocardiosis of the testis. Geelhoed GW, et al.
J Urol 111:791-3, Jun 74
Biopsy of the testicle. Finco DR.
Vet Clin North Am 4:377-81, May 74
Testicular lesions in rats treated for one year with

ethambutol in low doses. Trentini GP, et al.
Virchows Arch [Pathol Anat] 362:311-14, 1974

PREVENTION & CONTROL

Vitamin E activity of gamma-tocopherol in the rat, chick and hamster. Bieri JG, et al.
J Nutr 104:850-7, Jul 74

VETERINARY

Biopsy and the testicular artery of the horse. Smith JA. Equine Vet J 6:81-3, Apr 74
Biopsy of the testicle. Finco DR.
Vet Clin North Am 4:377-81, May 74

TESTICULAR FEMINIZATION

BLOOD

Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)

COMPLICATIONS

["Hairless woman", the male pseudohermaphrodite with testicular feminization] Leinzinger E.
Wien Med Wochenschr 124:443-8, 6 Jul 74 (Ger)

DIAGNOSIS

["Hairless woman", the male pseudohermaphrodite with testicular feminization] Leinzinger E.
Wien Med Wochenschr 124:443-8, 6 Jul 74 (Ger)

DRUG THERAPY

["Hairless woman", the male pseudohermaphrodite with testicular feminization] Leinzinger E.
Wien Med Wochenschr 124:443-8, 6 Jul 74 (Ger)

FAMILIAL & GENETIC

Conservation of ancient linkage groups in evolution and some insight into the genetic regulatory mechanism of x-inactivation. Ono S.
Cold Spring Harbor Symp Quant Biol 38:155-64, 1973
Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al. J Invest Dermatol 63:75-84, Jul 74 (57 ref.)
Human testicular cultures: I. Chromosome analyses. Chen AT, et al.
Proc Soc Exp Biol Med 146:442-7, Jun 74

METABOLISM

Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al. J Invest Dermatol 63:75-84, Jul 74 (57 ref.)

TESTICULAR NEOPLASMS

Combination chemotherapy and whole lung irradiation for pulmonary metastases from sarcomas and germinal cell tumors of the testis. Wharam MD, et al. Cancer 34:136-42, Jul 74
Letter: Homing of lymphocytes. Tashima CK, et al. Lancet 1:994-5, 18 May 74
Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. Urology 3:684-8, Jun 74

BLOOD

Letter: Homing of lymphocytes. Tashima CK, et al. Lancet 1:994-5, 18 May 74

CHEMICALLY INDUCED

Carcinogenicity of nitrosamines and methanesulphonate esters given intraperitoneally, in RF mice. Clapp NK. Int J Cancer 12:728-33, 15 Nov 73
Tumorigenesis by cadmium. Lucis OJ, et al. Oncology 26:53-67, 1972

COMPLICATIONS

Papillary cystadenoma within the testis. Herschman BR, et al. Am J Clin Pathol 61:724-9, May 74
Bilateral successive seminomas in scrotal testes. Barballas GA. Del Med J 46:243-7, May 74

TESTICULAR NEOPLASMS

GONADS

[Fertility disturbances following treatment of patients with testicular tumors (author's transl)] Weissbach L, et al. *Urologe [A]* 13:80-5, Mar 74 (Eng. Abstr.) (Ger)

DIAGNOSIS

Immunoradioautography test for alpha-fetoprotein in the differential diagnosis of germinogenic tumours of the testis and in the evaluation of effectiveness of their treatment. Elgort DA, et al.

Int J Cancer 11:586-94, May 73

Torsed appendage. Diagnosis and management: blue dot sign. Dresner ML. *Urology* 1:63-6, Jan 73 [Malignant testicular tumors (author's transl)] Kollias G, et al.

Urologe [A] 13:72-4, Mar 74 (Eng. Abstr.) (Ger)

DRUG THERAPY

Vinblastine (NSC-49842) and bleomycin (NSC-125066) therapy for disseminated testicular tumors. Spiegel SC, et al. *Cancer Chemother Rep* 58:213-6, Mar-Apr 74

Choriocarcinoma of the testis. Henry SC, et al. *J Urol* 112:105-8, Jul 74

Diamminodichloroplatinum in the chemotherapy of testicular tumors. Higby DJ, et al.

J Urol 112:100-4, Jul 74

A re-examination of the renal blastema graft model for Wilms tumor production. Mount BM, et al. *J Urol* 111:738-41, Jun 74

[Bleomycin for malignant tumours of the genitals of the male (author's transl)] Rathert P, et al.

Urologe [A] 13:67-71, Mar 74 (Eng. Abstr.) (Ger)

[Fertility disturbances following treatment of patients with testicular tumors (author's transl)] Weissbach L, et al. *Urologe [A]* 13:80-5, Mar 74 (Eng. Abstr.) (Ger)

ETIOLOGY

Papillary cystadenoma within the testis. Herschman BR, et al. *Am J Clin Pathol* 61:724-9, May 74

Cerebellar haemangioblastoma and genitourinary tumours. Goodbody RA, et al.

J Neurol Neurosurg Psychiatry 37:606-9, May 74

Letter: Testicular tumors in unilateral cryptorchidism. Szalay GC. *Pediatrics* 54:118, Jul 74

IMMUNOLOGY

Cell surface antigens of a mouse testicular teratoma. Identification of an antigen physically associated with H-2 antigens on tumor cells. Gooding LR, et al.

J Exp Med 140:61-78, 1 Jul 74

Embryo-derived teratocarcinomas elicit splenomegaly in syngeneic host. Damjanov I, et al.

Nature 249:569-71, 7 Jun 74

METABOLISM

Tumorigenesis by cadmium. Lucis OJ, et al. *Oncology* 26:53-67, 1972

[Human teratocarcinoma: cellular affinity labeling with tritiated estrogens] Uriel J, et al.

Nouv Presse Med 3:1213-5, 11 May 74 (Eng. Abstr.) (Fre)

MORTALITY

Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. *Urology* 3:684-8, Jun 74

OCCURRENCE

Rural preponderance of testicular neoplasms. Talerman A, et al. *Br J Cancer* 29:176-8, Feb 74

Chemodectomas in dogs: epidemiologic comparisons with man. Hayes HM Jr, et al.

J Natl Cancer Inst 52:1455-8, May 74

Letter: Testicular tumors in unilateral cryptorchidism. Szalay GC. *Pediatrics* 54:118, Jul 74

PATHOLOGY

Gastric localization of endodermal sinus tumour. Moller JE, et al.

Acta Pathol Microbiol Scand [A] 82:179-81, Mar 74

The fine structure of possible carcinoma-in-situ in the seminiferous tubules in the testis of four infertile men. Nielsen H, et al.

Acta Pathol Microbiol Scand [A] 82:235-48, Mar 74

Papillary cystadenoma within the testis. Herschman BR, et al. *Am J Clin Pathol* 61:724-9, May 74

Orchioblastoma of testis. Mehrotra TN, et al. *Indian J Pathol Bacteriol* 16:70-4, Jul 73

Cerebellar haemangioblastoma and genitourinary tumours. Goodbody RA, et al.

J Neurol Neurosurg Psychiatry 37:606-9, May 74

A re-examination of the renal blastema graft model for Wilms tumor production. Mount BM, et al.

J Urol 111:738-41, Jun 74

Incidence of gonadal cancer in the quahaug. Mercenaria mercenaria. Barry MM, et al. *Oncology* 28:87-96, 1972

Testicular involvement in plasma-cell leukemia. Andaloro VA JR, et al. *Urology* 3:636-8, May 74

Rhabdomyosarcoma of testis and spermatic cord in children. Brosman SA, et al. *Urology* 3:568-72, May 74

Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. *Urology* 3:684-8, Jun 74

[Human teratocarcinoma: cellular affinity labeling with tritiated estrogens] Uriel J, et al.

Nouv Presse Med 3:1213-5, 11 May 74 (Eng. Abstr.) (Fre)

[Malignant testicular tumors (author's transl)] Kollias G, et al.

Urologe [A] 13:72-4, Mar 74 (Eng. Abstr.) (Ger)

[Adenocarcinoma appendicis testis] Dubiel-Bigaj M, et al. *Patol Pol* 25:159-62, Jan-Mar 74 (Pol)

PHYSIOPATHOLOGY

Estrogen production and its origin in men with gonadotropin-producing neoplasms. Kirschner MA, et al. *J Clin Endocrinol Metab* 39:112-8, Jul 74

RADIOGRAPHY

Rhabdomyosarcoma of testis and spermatic cord in children. Brosman SA, et al. *Urology* 3:568-72, May 74

[Lymphography: technics and indication from the surgical view point] Krueger P.

Zentralbl Chir 99:361-8, 22 Mar 74 (Ger)

[Lymphography in childhood cancer (author's transl)] Musumeci R, et al.

Tumori 58:29-43, Jan-Feb 72 (Eng. Abstr.) (Ita)

RADIOTHERAPY

Choriocarcinoma of the testis. Henry SC, et al. *J Urol* 112:105-8, Jul 74

Lymphadenectomy combined with preoperative and postoperative cobalt 60 teletherapy in the management of embryonal carcinoma and teratocarcinoma of the testis. Nicholson TC, et al.

J Urol 112:109-10, Jul 74

Rhabdomyosarcoma of testis and spermatic cord in children. Brosman SA, et al. *Urology* 3:568-72, May 74

Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. *Urology* 3:684-8, Jun 74

[Bleomycin for malignant tumours of the genitals of the male (author's transl)] Rathert P, et al.

Urologe [A] 13:67-71, Mar 74 (Eng. Abstr.) (Ger)

[Fertility disturbances following treatment of patients with testicular tumors (author's transl)] Weissbach L, et al. *Urologe [A]* 13:80-5, Mar 74 (Eng. Abstr.) (Ger)

SURGERY

Bilateral successive seminomas in scrotal testes. Barballas GA. *Del Med J* 46:243-7, May 74

Lymphadenectomy combined with preoperative and postoperative cobalt 60 teletherapy in the management of embryonal carcinoma and teratocarcinoma of the testis. Nicholson TC, et al.

J Urol 112:109-10, Jul 74

Multiple thoracotomy for metastatic pulmonary neoplasm. Marks P. *Thorax* 29:248-51, Mar 74

Testicular involvement in plasma-cell leukemia. Andaloro VA JR, et al. *Urology* 3:636-8, May 74

Rhabdomyosarcoma of testis and spermatic cord in children. Brosman SA, et al. *Urology* 3:568-72, May 74

Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. *Urology* 3:684-8, Jun 74

[Complications following retroperitoneal lymph node dissection in malignant testicular tumors (author's transl)] Bartels H, et al.

Urologe [A] 13:75-9, Mar 74 (Eng. Abstr.) (Ger)

[Bleomycin for malignant tumours of the genitals of the male (author's transl)] Rathert P, et al.

Urologe [A] 13:67-71, Mar 74 (Eng. Abstr.) (Ger)

[Fertility disturbances following treatment of patients

GONADS

TURNER'S SYNDROME

with testicular tumors (author's transl)] Weissbach L, et al. *Urologe [A]* 13:80-5, Mar 74 (Eng. Abstr.) (Ger)
[Adenocarcinoma appendicis testis] Dubiel-Bigaj M, et al. *Patol Pol* 25:159-62, Jan-Mar 74 (Pol)

THERAPY

Rhabdomyosarcoma of testis and spermatic cord in children. Brosman SA, et al. *Urology* 3:568-72, May 74
[Malignant testicular tumors (author's transl)] Kollias G, et al.
Urologe [A] 13:72-4, Mar 74 (Eng. Abstr.) (Ger)

URINE

[Feminizing tumors of the testes] Pawlikowski T, et al. *Endokrynol Pol* 25:147-52, Mar-Apr 74 (Eng. Abstr.) (Pol)

VETERINARY

Chemodectomas in dogs: epidemiologic comparisons with man. Hayes HM Jr, et al.
J Natl Cancer Inst 52:1455-8, May 74
Incidence of gonadal cancer in the quahaug. Mercenaria mercenaria. Barry MM, et al. *Oncology* 26:87-96, 1972

TESTIS

ABNORMALITIES

X-XY mosaicism with short y. Berger R, et al. *Clin Genet* 5:211-7, 1974
XY-XXY mosaicism associated with major genital defects. Yunis E, et al. *Clin Genet* 5:91-5, 1974
Plasma testosterone and estradiol concentration in prepubertal boys with cryptorchidism before and after dexamethasone and after human chorionic gonadotropin administration. Cacciari E, et al. *Helv Paediatr Acta* 29:27-34, Apr 74
Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism. Job JC, et al. *J Clin Endocrinol Metab* 38:1109-14, Jun 74
Gonadotropin response to luteinizing hormone-releasing hormone in men with germinal aplasia. Mecklenburg RS, et al.
J Clin Endocrinol Metab 38:1005-8, Jun 74
Disparity in the negative gonadal feedback control for LH and FSH secretion in cases of germinal aplasia or Sertoli-cell-only syndrome. Zárate A, et al. *J Clin Endocrinol Metab* 38:1125-7, Jun 74
[Clinical evaluation of the stimulation test using synthetic LH-RH] Olivier GC, et al.
Union Med Can 103:685-90, Apr 74 (Eng. Abstr.) (Fre)

THECA CELL TUMOR

ENZYMOLLOGY

[Histoenzymologic study of secretory tumors of the ovary] Laffargue P, et al.
Arch Anat Pathol (Paris) 21:113-22, Jun 73 (Eng. Abstr.) (Fre)

PATHOLOGY

Brenner tumors and Walthard cell nests. Bransilver BR, et al. *Arch Pathol* 98:76-86, Aug 74

TURNER'S SYNDROME

[Physical fitness of women with Turner's syndrome] Ostrzeński A.
Pol Tyg Lek 29:891-3, 27 May 74 (Eng. Abstr.) (Pol)

BLOOD

Age and sex differences in averaged evoked responses in a normal population, with observations on patients with gonadal dysgenesis. Buchsbaum MS, et al. *Electroencephalogr Clin Neurophysiol* 37:137-44, Aug 74
Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism. Job JC, et al. *J Clin Endocrinol Metab* 38:1109-14, Jun 74

Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al. *Obstet Gynecol* 44:42-6, Jul 74

COMPLICATIONS

Normal and abnormal sexual maturation. Bryan GT. *Am Fam Physician* 9:123-35, Jun 74
Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al. *Obstet Gynecol* 44:42-6, Jul 74
[Gonoma and ovarian dysgenesis. Apropos of 2 cases] Laures JC, et al.
Arch Anat Pathol (Paris) 22:61-4, Mar 74 (Fre)
[Etiology of congenital cardiopathies with malformations] Gautier M.
Rev Prat 23:4491-502 passim, 11 Nov 73 (Fre)
[A variety of Turner's syndrome, with normal ovaries and idiopathic cardiac hypertrophy] Montoro Marín P, et al.
Rev Iber Endocrinol 21:241-62, May 74 (Eng. Abstr.) (Spa)

DIAGNOSIS

Letter: The Ullrich-Noonan syndrome. Allen HD, et al. *Am J Dis Child* 128:115-6, Jul 74
Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al. *Obstet Gynecol* 44:42-6, Jul 74

ETIOLOGY

Letter: Noonan syndrome and fetal alcohol syndrome. Bianchini JW, et al. *Lancet* 1:933, 11 May 74

FAMILIAL & GENETIC

XO and male phenotype. Lo Curto F, et al. *Am J Dis Child* 128:90-1, Jul 74
The neck in the XO and XX-XO mosaic Truner's syndrome. Felix A, et al. *Clin Genet* 5:77-80, Jan 74
Turner phenotype: mosaic 45,X-47,XY, plus 18. Schinzel A, et al. *J Med Genet* 11:101-4, Mar 74
Letter: Long-arm deletion with features of Turner's syndrome. Kim HJ, et al. *Lancet* 1:1296, 22 Jun 74
Letter: Turner's syndrome and long-arm deletions of X chromosome. Slater R, et al. *Lancet* 2:57-8, 6 Jul 74
Letter: X long-arm deletion with features of Turner's syndrome. Wright EV, et al. *Lancet* 1:933, 11 May 74
Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al. *Obstet Gynecol* 44:42-6, Jul 74

PATHOLOGY

[A variety of Turner's syndrome, with normal ovaries and idiopathic cardiac hypertrophy] Montoro Marín P, et al.
Rev Iber Endocrinol 21:241-62, May 74 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

Age and sex differences in averaged evoked responses in a normal population, with observations on patients with gonadal dysgenesis. Buchsbaum MS, et al. *Electroencephalogr Clin Neurophysiol* 37:137-44, Aug 74
Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al. *Obstet Gynecol* 44:42-6, Jul 74
[Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al.
Folia Endocrinol (Roma) 27:303-27, Jun 74 (Eng. Abstr.) (Ita)

RADIOGRAPHY

XO and male phenotype. Lo Curto F, et al. *Am J Dis Child* 128:90-1, Jul 74

THERAPY

[Dysgenesis ovarii] Tamada T.
Clin Endocrinol (Tokyo) 22:138-40, Jan 74 (Jap)

URINE

[Radioimmunologic determination of pituitary

gonadotropins in a 4 and one-half months old patient
with Turner's syndrome] Colombo ML, et al.
Minerva Pediatr 26:293-6, 25 Feb 74 (Ita)

GONADS

111. Gonadal Hormones, Precursors, Metabolites and Synthetic Analogs

ALGESTONE ACETOPHENIDE

ADMINISTRATION & DOSAGE

[Monthly injection of combined estrogen and gestagen for contraception] Soffer U, et al.
Harefuah 86:303-7, 15 Mar 74 (Eng. Abstr.) (Heb)

METABOLISM

Metabolism of progesterone by rat brain, pituitary gland and other tissues. Tabel T, et al.
Steroids 23:651-66, May 74

ANABOLIC STEROIDS

ADMINISTRATION & DOSAGE

Proceedings: 2 alpha, 3 alpha-epithio-5alpha-androstan-17beta-YL 1-methoxy-cyclophenyl ether (10364-S), a new orally active anabolic-androgenic steroid. Miyake T, et al.
Jap J Pharmacol 24:Suppl:130, 1974
[Evaluation of aerodispersions in inflammatory skin diseases] Mellichar M, et al.
Cesk Dermatol 49:88-95, Apr 74 (Eng. Abstr.) (Cze)

PHARMACODYNAMICS

Proceedings: 2 alpha, 3 alpha-epithio-5alpha-androstan-17beta-YL 1-methoxy-cyclophenyl ether (10364-S), a new orally active anabolic-androgenic steroid. Miyake T, et al.
Jap J Pharmacol 24:Suppl:130, 1974
[Enzymatic function of the pancreas under the effect of anabolic preparations and diets with different amounts of protein] Narodetskaya RV, et al.
Vopr Fitn 33:37-41, May-Jun 74 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

[Nephrotic syndrome and inflammation of the thyroid gland after D-penicillamine] Haas P, et al.
Wien Med Wochenschr 124:333-4, 1 Jun 74 (Ger)
[Treatment of patients with chronic coronary insufficiency] Miasnikov LA, et al.
Kardiologia 12:144-55, Jul 72 (Rus)
[Diabetic retinopathy] Margolis MG.
Oftalmol Zh 29:150-8, 1974 (95 ref.) (Rus)
[Anabolic hormones in complex therapy of elderly and old traumatologic patients] Samoilov KA.
Ortop Travmatol Protez 34:27-31, 1974 (Eng. Abstr.) (Rus)

ANDROGENS

Diurnal variation of peripheral plasma levels of testosterone in bulls measured by a rapid radioimmunoassay procedure. Sanwal PC, et al.
Acta Vet Scand 15:90-9, 1974
Proceedings: Cytoplasmic steroid hormone 'receptors' in reproductive organs. Green B.
J Endocrinol 61:2-3, Apr 74
Proceedings: Effects of L-DOPA, disulfiram and haloperidol on reappearance of cyclicity in androgen-sterilized rats (ASR). Fujii T, et al.
Jap J Pharmacol 24:Suppl:127, 1974

ADVERSE EFFECTS

Letter: Androgen role in erythroleukemia after treatment with alkylating agents. Ruffner BW.
Ann Intern Med 81:118-9, Jul 74
[Additional hormone therapy in breast cancer] Viladiu Quemada P. Rev Clin Esp 132:467-72, 15 Mar 74 (Spa)

ANALYSIS

Proceedings: Measurement of endogenous steroid levels in human breast tumours by mass

fragmentography. Millington DS, et al.
N Engl J Med 291:liviv, 11 Jun 74

ANTAGONISTS & INHIBITORS

Biologic and biochemical effects of anti-androgens on rat ventral prostate. Geller J, et al.
Acta Endocrinol (Kbh) 75:385-97, Feb 74
SCH 13521 in the treatment of advanced carcinoma of the prostate. Stollar B, et al. J Urol 111:803-7, Jun 74

BIOSYNTHESIS

Editorial: Sex and alcohol. Van Thiel DH, et al.
N Engl J Med 291:251-3, 1 Aug 74
[Firm points in the physiology of the human ovary] Forleo L, et al. Minerva Ginecol 26:65-75, Feb 74 (Ita)

CHEMICAL SYNTHESIS

Heterocyclic steroids. 5. Sulfur, selenium, and tellurium 5alpha-androstane derivatives and their 7alpha-methylated congeners. Zanati G, et al.
J Med Chem 17:561-3, May 74

ISOLATION & PURIFICATION

Endogenous neutral steroids in the lung tissue of early and mid-term human fetuses and in vitro studies on their formation. Huhtaniemi I.
Acta Endocrinol (Kbh) 75:148-58, Jan 74

METABOLISM

Endogenous neutral steroids in the lung tissue of early and mid-term human fetuses and in vitro studies on their formation. Huhtaniemi I.
Acta Endocrinol (Kbh) 75:148-58, Jan 74
Reproductive performance and histocompatibility antigens. Iványi P, et al.
Haematologia (Budap) 7:185-91, 1973
Proceedings: Androgen dynamics in vitro in the prostate gland. Giorgi EP, et al.
J Endocrinol 61:17-8, Apr 74
Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al.
J Invest Dermatol 63:75-84, Jul 74 (57 ref.)
Proceedings: Metabolism of steroid hormones by the human mammary gland in vivo and in vitro.
Deshpande N, et al. N Engl J Med 291:53-4, 11 Jun 74
Editorial: Sex and alcohol. Van Thiel DH, et al.
N Engl J Med 291:251-3, 1 Aug 74
Feminine patterns of androgen metabolism and presence of delta5, 3beta-hydroxysteroid oxidoreductases in target organs of genetic rat male pseudohermaphrodites. Goldman AS, et al.
Proc Soc Exp Biol Med 146:539-45, Jun 74
The determination in human males of specific testosterone and 5alpha-dihydrotestosterone binding to sex hormone binding globulin by a differential dissociation technique. Horst HJ, et al.
Steroids 23:833-44, Jun 74
[Recent developments in the study of endogenous androgens in the woman] Sommerville JF.
Minerva Ginecol 26:166-75, Mar 74 (Ita)

PHARMACODYNAMICS

Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hipkin LJ. Acta Endocrinol (Kbh) 75:141-7, Jan 74
The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al.
Acta Endocrinol [Suppl] (Kbh) 187:3-62, 1974
Color, odor, consistency, and secretion rate of anal sac secretions from male, female, and early-androgenized

- female Beagles. Dty RL, et al.
Am J Vet Res 35:729-31, May 74
- Experimental study on the male pattern alopecia. I. Differences between the testosterone transport protein in bald and hairy areas. Bassas E, et al.
Arch Dermatol Forsch 248:339-46, 20 Feb 74
- Letter: Possible inhibitory effect of androgens on bone marrow suppression by cytotoxic agents—a dose-dependent phenomenon? Sadoff L, et al.
Cancer Chemother Rep 58:125-7, Mar-Apr 74
- Effect of neonatal administration of different androgens in the female rat: correlation between aromatization and the induction of sterilization. McDonald PG, et al. *J Endocrinol* 61:95-103, Apr 74
- Proceedings: Studies on the maintenance of sexual behaviour in castrated rats treated with various androgens. Parrott RF. *J Endocrinol* 61:xlxxx, Apr 74
- Heterocyclic steroids. 5. Sulfur, selenium, and tellurium 5alpha-androstane derivatives and their 7alpha-methylated congeners. Zanati G, et al.
J Med Chem 17:561-3, May 74
- Localisation of a fibroblast growth factor and its effect alone and with hydrocortisone on 3T3 cell growth. Gospodarowicz D. *Nature* 249:123-7, 10 May 74
- The effect of hormones and vitamin B6 on urinary excretion of metabolites of the kynurenine pathway. Wolf H. *Scand J Clin Lab Invest* 136:1-186, 1974
- [Effect of various androgens on carcinogenesis of in the rat liver induced by para-dimethylaminoazobenzene (DAB)] Corre-Hurst L, et al.
C R Acad Sci (D) (Paris) 277:2441-3, 26 Nov 73 (Fre)
- [Androgens, corticosteroids and erythropoiesis] Bouvenot G, et al. *Cah Med* 14:1017-23, 30 Nov 73 (Fre)
- [Influence of androgenic hormones on quantitatively measured plasma proteins] Medau HJ, et al.
Verh Dtsch Ges Inn Med 79:1255-8, 1973 (Ger)
- [Interactions between drugs used in anesthesia-resuscitation in the pre-, per- and postoperative stages and various types of drugs] Lareng L. *Minerva Anesthesiol* 38:81-125, Feb 72 (Ita)

PHYSIOLOGY

- Behavioral sexology: ten cases of genetic male intersexuality with impaired prenatal and pubertal androgenization. Money J, et al.
Arch Sex Behav 3:181-205, May 74
- Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al.
J Invest Dermatol 63:75-84, Jul 74 (57 ref.)
- Proceedings: Epidemiology of human breast cancer. Cole P. *J Invest Dermatol* 63:133-7, Jul 74 (33 ref.)
- Editorial: The sebaceous glands. Strauss JS.
N Engl J Med 291:46-7, 4 Jul 74
- Relationship of sexual behavior and castration to tumescence in the male rat. Rodgers CH, et al.
Physiol Behav 9:581-4, Oct 72
- Perinatal effects of sex steroids on brain development and function. Gorski RA.
Prog Brain Res 39:149-63, 1973
- [Role of androgenic hormones in the formation of the gonadotropic function of the hypothalamo-hypophyseal system in girls at different stages of ontogenesis] Tkachenko NM, et al.
Aktuel Probl Klin Biochem 49:61-4, Jul 73 (Eng. Abstr.) (Rus)

SECRETION

- Evaluation of relationship between plasma testosterone and human seminal acid phosphatase. Dondero F, et al.
Folia Endocrinol (Roma) 27:185-8, Apr 74
- [Increased androgen secretion by the ovaries and "hyperovarianism". Respective studies] Geller S, et al.
Nouv Presse Med 3:809-10, 30 Mar 74 (Fre)
- [Hormone producing ovarian tumor] Terajima Y. *Clin Endocrinol (Tokyo)* 22:124-5, Jan 74 (Jap)
- [Effect of antibacterial preparations on the endocrine function of the testis] Iunda IF, et al.
Klin Khir 10:37-40, Oct 73 (Rus)

THERAPEUTIC USE

- Blood and neoplastic diseases. Acquired aplastic anaemia. Geary CG. *Br Med J* 2:432-5, 25 May 74
- Aplastic anaemia in childhood. 3. Constitutional aplastic anaemia and related cytopenias. Hughes DW.
Med J Aust 1:519-26, 6 Apr 74
- Juvenile nasopharyngeal angiofibroma. Christiansen

- TA, et al.
Trans Am Acad Ophthalmol Otolaryngol 78:or1140-7, May-Jun 74
- [Androgens, corticosteroids and erythropoiesis] Bouvenot G, et al. *Cah Med* 14:1017-23, 30 Nov 73 (Fre)
- [Therapy of breast carcinoma. Surgical, radiologic and hormonal treatment of a patient with breast carcinoma metastases. Clinical course with regard to pre-terminal immunoglobulin and complement changes] Meiss L, et al.
Fortschr Med 92:615-6, 16 May 74 (Eng. Abstr.) (Ger)
- [Treatment of oligospermia with mesterolone] Zuckerman A, et al.
Harefuah 86:309-11, 15 Mar 74 (Eng. Abstr.) (Heb)
- [Drug therapy of endometriosis] Macchioni B. *Minerva Ginecol* 26:180-5, Mar 74 (Ita)
- [Abnormalities of the menstruation cycle and their treatment] Maneschi M. *Minerva Ginecol* 26:95-123, Feb 74 (Ita)
- [Recurrent mammary tumor] Takatani O. *Clin Endocrinol (Tokyo)* 22:146-52, Jan 74 (Jap)
- [Additional hormone therapy in breast cancer] Viladiu Quemada P. *Rev Clin Esp* 132:467-72, 15 Mar 74 (Spa)

URINE

- Differentiation in breast cancer. Young S, et al.
J Clin Pathol [Suppl] 7:94-102, 1974

ANDROSTANES

ADMINISTRATION & DOSAGE

- 2Alpha, 5alpha-epithio-5alpha-androstan-17beta-YL 1-methoxycyclopentyl ether (10364-S), a new orally active anti-estrogenic steroid. Miyake T, et al.
Steroids 23:929-37, Jun 74

BIOSYNTHESIS

- Androgen metabolism in gynaecomastic breast tissue. Miller WR, et al.
Clin Endocrinol (Oxf) 3:123-30, Apr 74
- Androgen metabolism by rat epididymis. 2. Metabolic conversion of 3H-testosterone in vitro. Djoseland O, et al. *Steroids* 23:397-410, Mar 74
- Steroid metabolism by human breast and rat mammary carcinomata. Miller WR, et al.
Steroids 23:379-95, Mar 74

CHEMICAL SYNTHESIS

- Heterocyclic steroids. 5. Sulfur, selenium, and tellurium 5alpha-androstane derivatives and their 7alpha-methylated congeners. Zanati G, et al.
J Med Chem 17:561-3, May 74
- Synthesis and evaluation of antimicrobial properties of amidinozaandrostanes and guanidinozaandrostanes. Doorenbos NJ, et al. *J Pharm Sci* 63:620-2, Apr 74

METABOLISM

- In vitro metabolism of steroid hormones by chicken brain. Nakamura T, et al.
Acta Endocrinol (Kbh) 75:410-6, Feb 74
- Metabolic fate of androgens in the pineal organ: uptake binding to cytoplasmic proteins and conversion of testosterone into 5alpha-reduced metabolites. Cardinali DP, et al. *Endocrinology* 95:179-87, Jul 74
- Effect of hypophysectomy and pituitary implants at puberty on the sexual differentiation of testosterone metabolism in rat liver. Deneff C.
Endocrinology 94:1577-82, Jun 74
- Cystic dilatation of sex accessory organs in common and inbred Syrian Hamsters. Bells JA, et al.
J Gerontol 29:382-92, Jul 74

PHARMACODYNAMICS

- Heterocyclic steroids. 5. Sulfur, selenium, and tellurium 5alpha-androstane derivatives and their 7alpha-methylated congeners. Zanati G, et al.
J Med Chem 17:561-3, May 74
- Synthesis and evaluation of antimicrobial properties of amidinozaandrostanes and guanidinozaandrostanes. Doorenbos NJ, et al. *J Pharm Sci* 63:620-2, Apr 74
- Effects of intracerebral implants of steroid hormones on scent marking in the ovariectomized female gerbil (*Meriones unguiculatus*). Owen K, et al.
Physiol Behav 12:755-60, May 74

GONADS

ANDROSTENOLS

2Alpha, 3alpha-epithio-5alpha-androstan-17beta-YL 1-methoxycyclopentyl ether (10384-S), a new orally active anti-estrogenic steroid. Miyake T, et al. *Steroids* 23:929-37, Jun 74

URINE

[Qualitative and quantitative analysis of 17-ketosteroids and 20-hydroxy-21-deoxysteroids in urine by gas-liquid chromatography and mass spectrum analysis] Desgres J, et al. *Clin Chim Acta* 52:381-405, 17 May 74 (Eng. Abstr.) (Fre)

ANDROSTENEDIONE

Development of a radioimmunoassay for 5 alpha-androst-16-en-3-one in pig peripheral plasma. Andresen O. *Acta Endocrinol (Kbh)* 76:377-87, Jun 74
Testicular function in myotonic dystrophy of childhood. Hamilton W. *Clin Endocrinol (Oxf)* 3:215-22, Apr 74
Substrate stereochemistry of 3-hydroxy-3-methylglutaryl-coenzyme A synthase. Cornforth JW, et al. *Eur J Biochem* 42:591-604, 1 Mar 74
Temporal variations of testosterone levels in the peripheral blood plasma of men. Rowe PH, et al. *J Endocrinol* 61:63-73, Apr 74

ADMINISTRATION & DOSAGE

Testosterone, androstenedione, and androstenediol: effects on the initiation of mating behavior of inexperienced castrated male rats. Morali G, et al. *Horm Behav* 5:103-10, Mar 74

BIOSYNTHESIS

Biosynthesis of steroids from (14C)cholesterol, (3H) progesterone and (3H)pregnenolone by human adrenal carcinoma tissue. Nishida S, et al. *Clin Chim Acta* 52:97-103, Mar 74
Free cell suspensions from rat placental tissue: metabolism of pregnenolone-4-14C and progesterone-4-14C. Dziadkowiec I, et al. *Experientia* 30:438-9, 15 Apr 74
Proceedings: Gonadal steroid synthesis in the Virginian opossum, *Didelphis marsupialis*. Cook B, et al. *J Endocrinol* 61:ix, Apr 74
Androgen metabolism by rat epididymis. 2. Metabolic conversion of 3H-testosterone in vitro. Djoseland O, et al. *Steroids* 23:397-410, Mar 74
The biosynthesis of estrogens by cow follicles. Lacroix E, et al. *Steroids* 23:337-56, Mar 74

BLOOD

A cost reductive method for the radioimmunoassay of plasma androstenedione. A comparison of antisera and the effects of chromatography. Hennam JF, et al. *Acta Endocrinol (Kbh)* 76:597-607, Jul 74
Plasma testosterone, androstenedione and urinary 17-oxosteroids in hirsutism. Andre CM, et al. *J Endocrinol* 61:xxxix-xxxii, Apr 74
Proceedings: Effect of synthetic corticotrophin analogues on plasma delta4-androstenedione, testosterone and gonadotrophins in normal men. Irvine WJ, et al. *J Endocrinol* 61:27-8, Apr 74
Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
[Determination of low testosterone and androstenedione plasmatic levels (author's transl)] Hampl R, et al. *Cas Lek Cesk* 113:459-65, 19 Apr 74 (Eng. Abstr.) (Cze)

METABOLISM

The uptake and metabolism of (4-14C)testosterone in human breast cancer growth in organ culture. Geier A, et al. *Acta Endocrinol (Kbh)* 75:195-204, Jan 74
In vitro metabolism of steroid hormones by chicken brain. Nakamura T, et al. *Acta Endocrinol (Kbh)* 75:410-6, Feb 74
Characteristics of the nuclear and microsomal steroid delta-4-5 alpha-hydrogenase of the rat prostate. Nozu K, et al. *Acta Endocrinol (Kbh)* 76:608-24, Jul 74
Evidence of the direct aromatization of testosterone

and different aromatization sites for testosterone and androstenedione in human placental microsomes. Bellino FL, et al. *Biochemistry* 13:1925-31, 23 Apr 74
New potent inhibitors of 3beta-hydroxy-delta 5-steroid oxidoreductase with short duration of action. Begue RJ, et al. *Endocrinology* 95:238-46, Jul 74
Metabolic fate of androgens in the pineal organ: uptake binding to cytoplasmic proteins and conversion of testosterone into 5alpha-reduced metabolites. Cardinali DP, et al. *Endocrinology* 95:179-87, Jul 74
On the mechanism of conversion of circulating delta4-androstene-3, 17-dione to estrone: stereochemistry of the elimination of hydrogen from ring A. Kelly WG. *Endocrinology* 95:308-10, Jul 74
Enzymatic dehydrogenation of testosterone coupled to pyruvate reduction in a two-phase system. Cremonesi P, et al. *Eur J Biochem* 44:401-5, 15 May 74
Androgen assimilation by normal and hyperplastic dog prostate glands. Mawhinney MG, et al. *Invest Urol* 12:17-22, Jul 74
Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al. *Invest Urol* 12:43-9, Jul 74
Proceedings: Effects of aminoglutethimide and SU 10'603 on the biosynthesis of C19 steroids. Lyne C, et al. *J Endocrinol* 61:xvixvii, Apr 74
Proceedings: Steroid metabolism by the prepubertal human testis. Richards G, et al. *J Endocrinol* 61:18, Apr 74
Cystic dilatation of sex accessory organs in common and inbred Syrian Hamsters. Bells JA, et al. *J Gerontol* 29:382-92, Jul 74
Feminine patterns of androgen metabolism and presence of delta5, 3beta-hydroxysteroid oxidoreductases in target organs of genetic rat male pseudohermaphrodites. Goldman AS, et al. *Proc Soc Exp Biol Med* 146:539-45, Jun 74

PHARMACODYNAMICS

Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hipkin LJ. *Acta Endocrinol (Kbh)* 75:141-7, Jan 74
Testosterone, androstenedione, and androstenediol: effects on the initiation of mating behavior of inexperienced castrated male rats. Morali G, et al. *Horm Behav* 5:103-10, Mar 74
Effect of neonatal administration of different androgens in the female rat: correlation between aromatization and the induction of sterilization. McDonald PG, et al. *J Endocrinol* 61:95-103, Apr 74
Proceedings: Studies on the maintenance of sexual behaviour in castrated rats treated with various androgens. Parrott RF. *J Endocrinol* 61:xiixx, Apr 74

ANDROSTENES

BLOOD

Development of a radioimmunoassay for 5 alpha-androst-16-en-3-one in pig peripheral plasma. Andresen O. *Acta Endocrinol (Kbh)* 76:377-87, Jun 74

CHEMICAL SYNTHESIS

An efficient synthesis of 19-nor-9beta,10alpha steroids. Scott JW, et al. *J Org Chem* 37:3183-4, 6 Oct 72

METABOLISM

Characteristics of the nuclear and microsomal steroid delta-4-5 alpha-hydrogenase of the rat prostate. Nozu K, et al. *Acta Endocrinol (Kbh)* 76:608-24, Jul 74
Stereochemistry of C-1,2-dehydrogenation during cholesterol degradation by *Mycobacterium phlei*. Phillips GT, et al. *Eur J Biochem* 44:603-10, 15 May 74

ANDROSTENOLS

Delta4-3 beta-hydroxysteroid dehydrogenase activity in rat liver. Intracellular distribution and sex dependency. Lax ER, et al. *Eur J Biochem* 42:561-6, 1 Mar 74
Temporal variations of testosterone levels in the peripheral blood plasma of men. Rowe PH, et al. *J Endocrinol* 61:63-73, Apr 74

ANDROSTENOLS

ADMINISTRATION & DOSAGE

Testosterone, androstenedione, and androstenediol: effects on the initiation of mating behavior of inexperienced castrated male rats. Morali G, et al. *Horm Behav* 5:103-10, Mar 74

BIOSYNTHESIS

Biosynthesis of 3beta, 17beta-dihydroxyandrost-5-en-16-one by hepatic microsomes from previable and anencephalic human fetuses. Tabel T, et al. *Acta Endocrinol (Kbh)* 76:576-82, Jul 74
New findings on the central control of gonadotrophin secretion. Motta M, et al. *J Reprod Fertil [Suppl]* 20:27-52, Dec 73 (35 ref.)

BLOOD

Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. Laatikainen TJ, et al. *J Clin Invest* 53:1709-15, Jun 74

METABOLISM

Androgen assimilation by normal and hyperplastic dog prostate glands. Mawhinney MG, et al. *Invest Urol* 12:17-22, Jul 74
Proceedings: Specificity of oestradiol high-affinity binding in cytosol from the brain and pituitary of the rat. Ginsburg M, et al. *J Endocrinol* 61:23-4, Apr 74

PHARMACODYNAMICS

Oxidative metabolism of chicken semen and washed spermatozoa in the presence of various steroid hormones. Sexton TJ. *Comp Biochem Physiol [B]* 47:799-804, 15 Apr 74
Induction of ethylmorphine demethylation and aniline p-hydroxylation by various catatoxic steroids in regenerating rat liver. Japundžić I, et al. *Eur J Biochem* 43:79-85, 15 Mar 74
Testosterone, androstenedione, and androstenediol: effects on the initiation of mating behavior of inexperienced castrated male rats. Morali G, et al. *Horm Behav* 5:103-10, Mar 74
Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al. *J Endocrinol* 61:123-31, Apr 74
Effect of neonatal administration of different androgens in the female rat: correlation between aromatization and the induction of sterilization. McDonald PG, et al. *J Endocrinol* 61:95-103, Apr 74
Proceedings: Studies on the maintenance of sexual behaviour in castrated rats treated with various androgens. Parrott RF. *J Endocrinol* 61:xlxx, Apr 74
Protection by catatoxic steroids against the paralysis caused by combined treatment with thyroxine and methylphenidate. Selye H, et al. *Neuropharmacology* 11:693-6, Sep 72

CHLORMADINONE

Intrauterine dystrophy in rats due to placental insufficiency caused by hormonally induced prolonged gestation. Bührdel P, et al. *Biol Neonate* 24:57-65, 1974

ADMINISTRATION & DOSAGE

The effect of pseudopregnancy with chlormadinone acetate on the carbohydrate metabolism and NEFA levels. Göretzlehner G, et al. *Endokrinologie* 62:387-93, 1973
The urinary excretion of oestrogens in cows treated with a synthetic gestagen (chlormadinone-acetate, CAP) for the control of oestrus. Lunaas T, et al. *Nord Vet Med* 25:28-32, Jan 73

ADVERSE EFFECTS

[Intrahepatic cholestasis following ovariectomy] Kraatz G, et al. *Z Aerzt Fortbild (Jena)* 67:1194-6, 1 Dec 73 (Ger)
[Drug-induced liver damage following use of the oral contraceptive Femigen] Kwaśniewska W, et al. *Patol Pol* 25:101-6, Jan-Mar 74 (Eng. Abstr.) (Pol)

GONADS

BLOOD

Disappearance of 1 alpha-3H-chlormadinone acetate from the plasma of women. Dugwekar YG, et al. *Contraception* 7:27-45, Jan 73

METABOLISM

Affinities of progestogen and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. *Steroids* 23:909-19, Jun 74

PHARMACODYNAMICS

The steric acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al. *Acta Endocrinol [Suppl] (Kbh)* 187:3-62, 1974
Disappearance of 1 alpha-3H-chlormadinone acetate from the plasma of women. Dugwekar YG, et al. *Contraception* 7:27-45, Jan 73
The urinary excretion of oestrogens in cows treated with a synthetic gestagen (chlormadinone-acetate, CAP) for the control of oestrus. Lunaas T, et al. *Nord Vet Med* 25:28-32, Jan 73
The biological profile of a new synthetic progestagen-GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74
[Effect of chlormadinone acetate on the activity of various liver enzymes in newborn rabbits] Bührdel P, et al. *Paediatr Grenzgeb* 12:415-22, 1973 (Eng. Abstr.) (Ger)

THERAPEUTIC USE

[Intrahepatic cholestasis following ovariectomy] Kraatz G, et al. *Z Aerzt Fortbild (Jena)* 67:1194-6, 1 Dec 73 (Ger)
[Hypertrophy of the prostatic gland] Shida K, et al. *Clin Endocrinol (Tokyo)* 22:170-2, Jan 74 (Jap)

CHLOROTRIANISENE

ANALYSIS

Identification and determination of synthetic estrogens in pharmaceuticals by high-speed, reversed-phase partition chromatography. Roos RW. *J Pharm Sci* 63:594-9, Apr 74

THERAPEUTIC USE

[Primary increase of fibrinolysis in a patient with metastatic carcinoma of the prostate (author's transl)] Hiller E, et al. *Med Klin* 69:757-60, 26 Apr 74 (Eng. Abstr.) (Ger)

CLOMIPHENE

Long-term treatment of galactorrhoea and hypogonadism with bromocriptine. Thorner MO, et al. *Br Med J* 2:419-22, 25 May 74

ADMINISTRATION & DOSAGE

Effects of clomiphene citrate and synthetic LHRH on serum luteinizing hormone (LH) in men with idiopathic hemochromatosis. Tournaire J, et al. *J Clin Endocrinol Metab* 38:1122-4, Jun 74

ADVERSE EFFECTS

Letter: Possible teratogenic effect of clomifene. Drew AL. *Dev Med Child Neurol* 16:276, Apr 74
Letter: Anencephaly, ovulation stimulation, and subfertility. James WH. *Lancet* 1:1353, 29 Jun 74

ANTAGONISTS & INHIBITORS

Possible mode of action of clomiphene. Chatterjee A, et al. *Acta Endocrinol (Kbh)* 75:173-80, Jan 74

DIAGNOSTIC USE

Clomiphene citrate stimulation in male sub- and infertility monitored by simple immunochemical

assays for FSH and LH in unconcentrated urine. Mauss J, et al. *Horm Metab Res* 6:171-2, Mar 74
[Amenorrhea in emotional anorexia] Klotz HP, et al. *Ann Med Interne (Paris)* 124:789-91, Nov 73 (Fre)
[Increased androgen secretion by the ovaries and "hyperovulation". Respective studies] Geller S, et al. *Nouv Presse Med* 3:809-10, 30 Mar 74 (Fre)

PHARMACODYNAMICS

Possible mode of action of clomiphene. Chatterjee A, et al. *Acta Endocrinol (Kbh)* 75:173-80, Jan 74
Classification of amenorrhoeic states and their treatment by ovulation induction. Lunenfeld B, et al. *Clin Endocrinol (Oxf)* 3:223-37, Apr 74
Serum prolactin levels during ovulatory menstrual cycle and menstrual disorders in women. Tamura S, et al. *Endocrinol Jap* 20:483-8, Oct 73
Effects of clomiphene citrate and synthetic LHRH on serum luteinizing hormone (LH) in men with idiopathic hemochromatosis. Tournadre J, et al. *J Clin Endocrinol Metab* 38:1122-4, Jun 74
Letter: Anencephaly, ovulation stimulation, and subfertility. James WH. *Lancet* 1:1353, 29 Jun 74
[Treatment of male infertility with clomiphene-citrate (author's transl)] Dedes M, et al. *Praxis* 63:704-6, 11 Jun 74 (Eng. Abstr.) (Ger)
[The pituitary and testicular response to clomiphene during hepatic cirrhosis] Rolandi E, et al. *Folia Endocrinol (Roma)* 27:290-302, Jun 74 (Eng. Abstr.) (Ita)
[Induction of ovulation] Andreoli C. *Minerva Ginecol* 26:147-58, Mar 74 (Ita)
[Significance of prolactin in man] Kumamoto E, et al. *Clin Endocrinol (Tokyo)* 22:361-7, Mar 74 (36 ref.) (Jap)

THERAPEUTIC USE

Classification of amenorrhoeic states and their treatment by ovulation induction. Lunenfeld B, et al. *Clin Endocrinol (Oxf)* 3:223-37, Apr 74
Induction of ovulation with synthetic luteinizing hormone-releasing hormone. Nakano R, et al. *Fertil Steril* 25:471-7, Jun 74
Letter: Anencephaly, ovulation stimulation, and subfertility. James WH. *Lancet* 1:1353, 29 Jun 74
Etiology and treatment of dysfunctional uterine bleeding. Aksel S, et al. *Obstet Gynecol* 44:1-13, Jul 74
[Heterologous insemination in 140 cases] Jaszczak P, et al. *Ugeskr Laeger* 136:799-802, 8 Apr 74 (Eng. Abstr.) (Dan)
[Treatment of male infertility with clomiphene-citrate (author's transl)] Dedes M, et al. *Praxis* 63:704-6, 11 Jun 74 (Eng. Abstr.) (Ger)
[Induction of ovulation] Andreoli C. *Minerva Ginecol* 26:147-58, Mar 74 (Ita)
[Juvenile ovarian dysfunctions and their treatment] Cittadini E. *Minerva Ginecol* 26:86-94, Feb 74 (Ita)

CONTRACEPTIVES, ORAL

Measurement of serum folate levels and serum folic acid-binding protein by 3H-PGA radioassay. Waxman S, et al. *Blood* 42:281-90, Aug 73
A method of antithrombin estimation using plasma defibrinates with anocrod. Howie PW, et al. *Br J Haematol* 25:101-10, Jul 73
Population control in China. Adey EM. *Br Med J* 2:548-50, 8 Jun 74
Extension of family planning service in general practice. Brennan ME, et al. *Br Med J* 2:30-3, 6 Jul 74
Letter: Encroachments on the patient's responsibility. Duke RF. *Br Med J* 2:557, 8 Jun 74
The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al. *Clin Endocrinol (Oxf)* 3:27-39, Jan 74
Scale of use, safety and impact of birth control methods. Southam AL. *Contraception* 8:1-11, Jul 73 (15 ref.)
Clinical assessment of a low-dose oestrogen, low-dose progestogen combined oral contraceptive. Allen HH. *Curr Med Res Opin* 2:101-8, 1974
A new low-oestrogen, low-progestogen combined oral contraceptive. Woutersz TB. *Curr Med Res Opin* 2:95-100, 1974
Hormonal dependence of folic acid protein binding in

human serum. Markkanen T, et al. *Int J Vitam Nutr Res* 44:81-94, 1974
The birth control movement and oral contraceptives in the college population. Donald IR, et al. *J Am Coll Health Assoc* 22:375-83, Jun 74
Contraceptives available by prescription. Huff JE, et al. *J Am Pharm Assoc* 14:244-51, May 74
Towards a neurophysiological basis for ovulation. Cross BA. *J Reprod Fertil [Suppl]* 20:97-117, Dec 73 (48 ref.)
A study of attitudes to contraceptives in a middle-class group of women. Wood C. *Med J Aust* 1:659-60, 27 Apr 74
Social and health related characteristics of women using oral contraceptives. Rabin DL, et al. *Prev Med* 3:268-76, Jun 74
An integrated health-family planning program in Etmesgut District, Turkey. Flsek NH. *Stud Fam Plann* 5:210-20, Jul 74
A comparison of the results of family planning KAP surveys in Haryana and Tamil Nadu, India. Mukherjee BN. *Stud Fam Plann* 5:224-31, Jul 74
[Contraception for minors] Kremer J. *Ned Tijdschr Geneesk* 118:1009-15, 29 Jun 74 (Eng. Abstr.) (Dut)
[The use of contraceptive pills in Norway] Flatberg P, et al. *Tidsskr Nor Laegeforen* 94:587-9, 30 Mar 74 (Nor)

ADMINISTRATION & DOSAGE

The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. Schwartz U, et al. *Acta Endocrinol (Kbh)* 76:159-71, May 74
Intravenous cholangiography and peroral contraceptives. A preliminary report. Lindgren P, et al. *Acta Radiol [Diagn] (Stockh)* 15:217-24, Mar 74
A double-blind comparison of two oral contraceptives containing 50 µg. and 30 µg. ethinyl estradiol. Dionne P, et al. *Curr Ther Res* 16:281-8, Apr 74
The effect of long-term oral treatment of rats with contraceptive steroids on tissue MAO. Marchi M, et al. *Eur J Pharmacol* 25:407-10, Mar 74
Proceedings: Quantitation of a new serum alpha-macroglobulin in malignant disease, steroid treatment, pregnancy and normal subjects. Stimson WH. *J Endocrinol* 61:xxxxxxi, Apr 74
Effect of oral contraceptives on the mammary glands of Rhesus monkeys: a preliminary report. Drill VA, et al. *J Natl Cancer Inst* 52:1655-7, May 74
Hormonal contraception. Dorfman RI. *Life Sci* 14:827-35, 1 Mar 74 (23 ref.)
Cyclic thrombocytopenia. Case report and review of literature. Cohen T, et al. *Scand J Haematol* 12:9-17, 1974
Further investigations concerning blaecurin, a peroral contraceptive of low hormonal contents. Bencsik A. *Ther Hung* 21:79-81, 1973
[Comments on the use of MPA 150 in a Family Planning Center] Molitor MP. *Bull Soc Sci Med Grand Duche Luxemb* 111:49-53, Apr 74 (Fre)
[Hormonal dependency of gamma-glutamyl transpeptidase (author's transl)] Feldmann HU, et al. *Dtsch Med Wochenschr* 99:1171-4, 31 May 74 (Eng. Abstr.) (Ger)
[Tubal pregnancy during the daily continual administration of 0.35 mg norethisterone (author's transl)] Günther J. *Geburtshilfe Frauenheilkd* 34:208-9, Mar 74 (Eng. Abstr.) (Ger)
[Ovostat 22, a new oral contraceptive] Himmelsbach H. *Med Welt* 25:106-8, 18 Jan 74 (Ger)
[Continuous low dose treatment with gestagen] Vihriälä A, et al. *Lakartidningen* 71:2137-8, 22 May 74 (Swe)

ADVERSE EFFECTS

Occurrence of hepatic impairment in women jaundiced by oral contraceptives and in their mothers and sisters. Dalén E, et al. *Acta Med Scand* 195:459-63, Jun 74
Focal nodular hyperplasia of the liver. Possible relationship to oral contraceptives. Mays ET, et al. *Am J Clin Pathol* 61:735-46, Jun 74
Letter: Acne and oral. Gibbs WP. *Arch Dermatol* 109:912, Jun 74
Spontaneous rupture of the liver in patient using contraceptive pills. Frederick WC, et al. *Arch Surg* 108:93-5, Jan 74

- Antithrombin-3 in a clinical material. Hedner U, et al. *Bibl Anat* 12:267-71, 1973
- Letter: Thromboembolism and oral contraceptives. Astedt B, et al. *Br Med J* 2:333, 11 May 74
- Letter: Thromboembolism and oral contraceptives. Briggs MH. *Br Med J* 2:503, 1 Jun 74
- Letter: Vitamin A, pregnancy, and oral contraceptives. Gal I. *Br Med J* 2:560-1, 8 Jun 74
- Liver hamartomas in patients on oral contraceptives. O'Sullivan JP, et al. *Br Med J* 2:7-10, 6 Jun 74
- Editorial: Stopping the Pill. *Br Med J* 2:517-8, 8 Jun 74
- Editorial: Liver tumours and the pill. *Br Med J* 2:3-4, 6 Jul 74
- Scale of use, safety and impact of birth control methods. Southam AL. *Contraception* 8:1-11, Jul 73 (15 ref.)
- A double-blind comparison of two oral contraceptives containing 50 µg. and 30 µg. ethinyl estradiol. Dionne P, et al. *Curr Ther Res* 16:281-8, Apr 74
- Teratogenicity from drugs—an increasing problem. Shepard TH. *DM* 1-32, Jun 74
- The birth control movement and oral contraceptives in the college population. Donald IR, et al. *J Am Coll Health Assoc* 22:375-83, Jun 74
- Clinical and hormonal response to bromocriptin (CB-154) in the galactorrhea syndromes. Del Pozo E, et al. *J Clin Endocrinol Metab* 39:18-26, Jul 74
- Effect of oral contraceptives on the mammary glands of Rhesus monkeys: a preliminary report. Drill VA, et al. *J Natl Cancer Inst* 52:1655-7, May 74
- A profile of adolescents in a family planning center. Henderson F, et al. *J Natl Med Assoc* 66:239-41 passim, May 74
- Colposcopic findings in contraception. Baader O. *J Reprod Med* 12:186, May 74
- Dysplasia and cancer in situ of young patients: colposcopic and cytological observations. Bauer H. *J Reprod Med* 12:205-6, May 74
- Letter: Oral contraceptives and health. Beral V. *Lancet* 1:1280, 22 Jun 74
- Letter: Oral contraceptives and vitamin nutrition. Briggs M. *Lancet* 1:1234-5, 15 Jun 74
- Letter: Birth defects and oral hormone preparations. David TJ, et al. *Lancet* 1:1236, 15 Jun 74
- Letter: Benign hepatoma and oral contraceptives. Tountas C, et al. *Lancet* 1:1351-2, 29 Jun 74
- Editorial: Immunological changes in women. *Lancet* 1:909-10, 11 May 74
- Problems faced by hypertensive patients. Leighton PW. *Med J Aust* 2:Suppl:13-5, 11 Aug 73
- Endocervical changes with the use of synthetic steroids. Mingeot R, et al. *Obstet Gynecol* 44:53-9, Jul 74
- Current concepts in therapy: drug-induced malabsorption—a review. Rahman F, et al. *South Med J* 66:724-7, Jan 73 (56 ref.)
- Oral contraceptive medication and glucose metabolism: long-term treatment. Semmer JR, et al. *South Med J* 67:664-6, Jun 74
- [Comments on the use of MPA 150 in a Family Planning Center] Molitor MP. *Bull Soc Sci Med Grand Duche Luxemb* 111:49-53, Apr 74 (Fre)
- [Pulmonary artery thrombosis during hormonal contraceptive therapy. Treatment with urokinase] Fouchard J, et al. *Nouv Presse Med* 3:811-2, 30 Mar 74 (Eng. Abstr.) (Fre)
- [Severe hypertension with cardiac failure and nephrosclerosis after oral contraceptives (author's transl)] Girndt J, et al. *Dtsch Med Wochenschr* 99:404-7, 1 Mar 74 (Eng. Abstr.) (Ger)
- [Bilateral Paget-v-Schrötter syndrome. Hormonal contraception and the risk of thrombosis—a case report (author's transl)] Tamm D, et al. *Dtsch Med Wochenschr* 99:836-8, 19 Apr 74 (Eng. Abstr.) (Ger)
- [Vitamin B6 deficiency as a cause of perioral dermatoses after the taking of oral contraceptives] Reinken L, et al. *Int J Vitam Nutr Res* 44:75-80, 1974 (Eng. Abstr.) (Ger)
- [Hormonal contraceptives and hypertension] Haller J. *Internist (Berlin)* 15:155-6, Mar 74 (Ger)
- [Hypertension and oral contraception] Kuhn W. *Munch Med Wochenschr* 116:817-8, 22 Mar 74 (Ger)
- [Recurring cholestasis following oral contraceptives in primary sclerosing cholangitis] Hartmann W, et al. *Verh Dtsch Ges Inn Med* 79:964-7, 1973 (Ger)
- [Drugs as causes of diseases] Kewitz H. *Verh Dtsch Ges Inn Med* 79:54-63, 1973 (Ger)
- [Porphyria cutanea tarda in hereditary bullous epidermolysis type Weber-Cockayne] Nuss A, et al. *Z Hautkr* 49:273-80, 1 Apr 74 (Ger)
- [Significance of hormonal contraceptive agents in the development of urinary calculi] Klinger G, et al. *Zentralbl Gynaekol* 96:248-53, 22 Feb 74 (Eng. Abstr.) (Ger)
- [Editorial: The contraceptive pill and loss of hair] Halm S. *Harefuah* 86:155-6, 1 Jan 74 (Heb)
- [Bilateral optic neuritis following a 3-month period of Biseurin therapy] Lakatos I, et al. *Orv Hetil* 115:1524-6, 30 Jun 74 (Hun)
- [Hormonal contraception with associated estrogenoprogesterational agents] Pescetto G. *Minerva Ginecol* 26:176-9, Mar 74 (Ita)
- [Minipills and pregnancy] *Tidsskr Nor Laegeforen* 94:1009, 30 May 74 (Nor)
- [Drug-induced liver damage following use of the oral contraceptive Femigen] Kwadniewska W, et al. *Patol Pol* 25:101-6, Jan-Mar 74 (Eng. Abstr.) (Pol)
- [Drug-induced liver damage with special reference to changes and functional disorders in liver cells following oral administration of hormonal contraceptive drugs] Raczynska A. *Patol Pol* 25:91-100, Jan-Mar 74 (Eng. Abstr.) (Pol)
- [Toxic and allergic disorders of the optic nerve (toxic and allergic encephalitis and encephalopathies of the 3rd optic neuron) (review of the literature)] Novokhatskiĭ AS. *Oftalmol Zh* 28:90-5, 1973 (50 ref.) (Rus)
- [Liver and contraceptives. Ultrastructural changes] Castelletto RH, et al. *Rev Clin Esp* 132:431-4, 15 Mar 74 (Eng. Abstr.) (Spa)
- [Report number 20 from the committee for secondary effects of drugs: a review of 8 years' work] Uvnäs B, et al. *Lakartidningen* 71:2560-3, 19 Jun 74 (Swe)
- [Continuous low dose treatment with gestagen] Viñriälä A, et al. *Lakartidningen* 71:2137-8, 22 May 74 (Swe)
- [A long-range follow-up of effects of oral contraceptives in England] Westerholm B. *Lakartidningen* 71:2459-60, 12 Jun 74 (Swe)

ANALYSIS

- Analysis of steroids. XXIV. A specific method for the spectrophotometric determination of 17-ethynyl steroids. Szepesi G, et al. *Analyst* 99:218-21, Apr 74
- Colorimetric determination of ethinyl estradiol in oral contraceptive formulations. Wu JY. *J Assoc Off Anal Chem* 57:747-51, May 74

ANTAGONISTS & INHIBITORS

- Letter: Drugs affecting oral contraceptives. Mumford JP. *Br Med J* 2:333-4, 11 May 74

DIAGNOSTIC USE

- The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al. *J Clin Endocrinol Metab* 39:81-95, Jul 74

METABOLISM

- The therapeutic approach to hypoparathyroidism. Avioli LV. *Am J Med* 57:34-42, Jul 74 (103 ref.)
- Letter: Rifampicin and oral contraception. Bolt HM, et al. *Lancet* 1:1280-1, 22 Jun 74
- [Hormonal dependency of gamma-glutamyl transpeptidase (author's transl)] Feldmann HU, et al. *Dtsch Med Wochenschr* 99:1171-4, 31 May 74 (Eng. Abstr.) (Ger)
- [Significance of hormonal contraceptive agents in the development of urinary calculi] Klinger G, et al. *Zentralbl Gynaekol* 96:248-53, 22 Feb 74 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

- The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. Schwartz U, et al. *Acta Endocrinol (Kbh)* 76:159-71, May 74
- Intravenous cholangiography and peroral contraceptives. A preliminary report. Lindgren P, et al. *Acta Radiol [Diagn]* (Stockh) 15:217-24, Mar 74

Progestational agents and blood coagulation. VI. Relationship of ABO blood types to changes induced by oral contraceptives. Lillie MA, et al. *Am J Obstet Gynecol* 119:406-10, 1 Jun 74

Progestational agents and blood coagulation. V. Changes induced by sequential oral contraceptive therapy. Mink IB, et al. *Am J Obstet Gynecol* 119:401-5, 1 Jun 74

Low dose lynestrenol as a contraceptive influence on ovarian function. Järvinen PA, et al. *Ann Clin Res* 6:109-14, Apr 74

Letter: Effects of oral contraceptives on endogenous hormone secretion. Elstein M, et al. *Br Med J* 2:222, 27 Apr 74

Letter: Vitamin A, pregnancy, and oral contraceptives. Gal I. *Br Med J* 2:560-1, 8 Jun 74

The use of thermovision in the detection of early breast cancer. Stark AM, et al. *Cancer* 33:1664-70, Jun 74

Effect of oral contraceptive pills on the level of creatine phosphokinase with regard to carrier detection in Duchenne muscular dystrophy. Simpson J, et al. *Clin Chim Acta* 52:219-23, Apr 74

A double-blind comparison of two oral contraceptives containing 50 µg and 30 µg ethinyl estradiol. Dionne P, et al. *Curr Ther Res* 16:281-8, Apr 74

The effect of long-term oral treatment of rats with contraceptive steroids on tissue MAO. Marchi M, et al. *Eur J Pharmacol* 25:407-10, Mar 74

Gonadotropins and preantral follicular maturation in women. Ross GT. *Fertil Steril* 25:522-43, Jun 74 (85 ref.)

The effects of mechanical and steroid contraceptive methods on blood pressure in hypertensive women. Spellacy WN, et al. *Fertil Steril* 25:467-70, Jun 74

Blood platelet biochemistry in women receiving steroid contraceptives. Briggs M. *Haematologia (Budap)* 7:347-67, 1973

Elevation of plasma neurophysin in women on oral contraceptives. Robinson AG. *J Clin Invest* 54:209-12, Jul 74

Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74

A profile of adolescents in a family planning center. Henderson F, et al. *J Natl Med Assoc* 66:239-41 passim, May 74

Phytohaemagglutinin-induced lymphocyte transformation and circulating autoantibodies in women taking oral contraceptives. Barnes EW, et al. *Lancet* 1:898-900, 11 May 74

Letter: Rifampicin and oral contraception. Bolt HM, et al. *Lancet* 1:1280-1, 22 Jun 74

Letter: Immunological changes in women. Finn R, et al. *Lancet* 1:1050, 25 May 74

Letter: Oral contraception and sex ratio at birth. Glanville H de. *Lancet* 1:935-6, 11 May 74

Letter: Post-pill fertility. Kay CR. *Lancet* 1:1238, 15 Jun 74

Letter: Oral contraception and sex ratio at birth. Oechall FW. *Lancet* 1:1004-5, 18 May 74

Letter: The effect of contraceptive steroids on carbohydrate metabolism. Davidson MB. *Metabolism* 23:687-90, Jul 74

Influence of a combined oral contraceptive upon rats fed low protein-high carbohydrate diets. Jefferys DB, et al. *Nutr Metab* 16:155-62, 1974

Metabolic effects of oral contraceptives in monkeys fed on adequate and low protein diets. *Nutr Rev* 32:149-52, May 74 (8 ref.)

Endocervical changes with the use of synthetic steroids. Mingeot R, et al. *Obstet Gynecol* 44:53-9, Jul 74

Pentose phosphate pathway inhibition in blood cells during anticonceptive hormone therapy. Markkanen T, et al. *Pharmacology* 11:108-16, 1974

The influence of oral contraceptives on the effect of low-protein-high sucrose or low-protein-high-starch diets on male rats. Jefferys DB, et al. *Proc Nutr Soc* 32:81A-82A, Sep 73

DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al. *Proc Soc Exp Biol Med* 146:401-5, Jun 74

Cyclic thrombocytopenia. Case report and review of literature. Cohen T, et al. *Scand J Haematol* 12:9-17, 1974

Studies on plasma coagulation and fibrinolysis during oral contraception of various types with special

reference to cold activation of factor VII. Gjonnaess H, et al. *Scand J Haematol* 12:232-40, 1974

Ultrastructure of human uterine epithelium at the time of implantation after postovulatory administration of norethindrone. Nilsson O, et al. *Ups J Med Sci* 79:65-71, 1974

[Hormonal contraception controlled by vaginal cytology (author's transl)] Balmer JA. *Praxis* 63:486-90, 23 Apr 74 (Eng. Abstr.) (Ger)

[Histochemical studies of the reaction of the endometrium to estrogen-progestagens administered at various stages of the cycle] Goluda M. *Wiad Lek* 27:869-71, 15 May 74 (Pol)

[Continuous low dose treatment with gestagen] Vihriälä A, et al. *Läkartidningen* 71:2137-8, 22 May 74 (Swe)

THERAPEUTIC USE

Editorial: Stopping the Pill. *Br Med J* 2:517-8, 8 Jun 74

Symptomatic endometriosis in teen-agers. A reappraisal. Bullock JL, et al. *Obstet Gynecol* 43:896-900, Jun 74

[On the therapy of acne vulgaris] Leyh F. *Minerva Med* 65:1257-9, 28 Mar 74 (Ita)

TOXICITY

[Toxicity studies as an aid in judging secondary effects in man] Westerholm B. *Läkartidningen* 71:2604-5, 26 Jun 74 (Swe)

CONTRACEPTIVES, POSTCOITAL

Population control in China. Adey EM. *Br Med J* 2:548-50, 8 Jun 74

Use of the "morning-after pill" in a college student health service. Hall MN. *J Am Coll Health Assoc* 22:395-6, Jun 74

Prenatal diethylstilbestrol and vaginal cancer in offspring. Mills DH. *JAMA* 229:471-2, 22 Jul 74

ADMINISTRATION & DOSAGE

Hormonal contraception. Dorfman RI. *Life Sci* 14:827-35, 1 Mar 74 (23 ref.)

CHEMICAL SYNTHESIS

Diarylcylobutane analogs of diethylstilbestrol. Lawson JE, et al. *J Med Chem* 17:383-6, Apr 74

PHARMACODYNAMICS

Effect of some non-steroidal antifertility agents on biochemistry of the uterus and uterine fluid in rats. Kamboj VP, et al. *Indian J Exp Biol* 11:479-83, Nov 73

Diarylcylobutane analogs of diethylstilbestrol. Lawson JE, et al. *J Med Chem* 17:383-6, Apr 74

Post nidatory action of various compounds representing several pharmacological classes. DiPasquale G, et al. *Res Commun Chem Pathol Pharmacol* 7:701-14, Apr 74

CORPUS LUTEUM HORMONES

[Sex of erythrocytes. NASA has begun biologic study of the female sex. Is space open to the daughters of Eve? Why are female erythrocytes more vulnerable than male? What role is played by hormones?] Monti A. *Minerva Med* 65:1603-4, 14 Apr 74 (Ita)

SECRETION

[Teratologic aspects of early abortion and its possible prevention] Drač P. *Acta Univ Carol [Med Monogr] (Praha)* 56:59-61, 1973 (Ger)

CRONOLONE

ADMINISTRATION & DOSAGE

Pattern of luteinizing hormone release in progestin-treated ewes. Lewis PE, et al. *J Anim Sci* 38:1204-9, Jun 74

PHARMACODYNAMICS

Pattern of luteinizing hormone release in

- progesterone-treated ewes. Lewis PE, et al.
J Anim Sci 38:1204-9, Jun 74
 Luteinizing hormone release and ovulation in anestrus ewes. Lewis PE, et al. *J Anim Sci* 38:1197-203, Jun 74

CYPROTERONE

- Temporal variations of testosterone levels in the peripheral blood plasma of men. Rowe PH, et al.
J Endocrinol 61:63-73, Apr 74

ADMINISTRATION & DOSAGE

- Effects of cyproterone acetate in the male Japanese quail. Adkins EK, et al. *Horm Behav* 5:1-6, Mar 74
 Effect of cyproterone acetate on genital organs of male rats treated during fetal and neonatal period. Yorkoki Y, et al.
Natl Inst Anim Health Q (Tokyo) 13:220-6, Winter 73

METABOLISM

- Androgen receptors in rat testis. Hansson V, et al.
Steroids 23:823-32, Jun 74
 Affinities of progesterone and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L.
Steroids 23:909-19, Jun 74

PHARMACODYNAMICS

- Biologic and biochemical effects of anti-androgens on rat ventral prostate. Geller J, et al.
Acta Endocrinol (Kbh) 75:385-97, Feb 74
 Alterations in adenylate cyclase activity of the rat prostate gland. Sutherland DJ, et al.
Biochim Biophys Acta 343:238-49, 20 Mar 74
 The ultrastructure of the accessory sex organs of the male rat. VI. The effect of cyproterone acetate on the dorsal lobe and the coagulating gland. Dahl E, et al.
Cell Tissue Res 148:57-67, 29 Mar 74
 Effect of cyproterone, cyproterone acetate and ICI 46,474 on gonadal sex differentiation in *Rana esculenta*. Chieffl G, et al.
Gen Comp Endocrinol 22:532-5, Apr 74
 Effects of cyproterone acetate in the male Japanese quail. Adkins EK, et al. *Horm Behav* 5:1-6, Mar 74
 Proceedings: Androgen dynamics in vitro in the prostate gland. Giorgi EP, et al.
J Endocrinol 61:17-8, Apr 74
 Proceedings: Studies on the effects of cyproterone acetate administered in adulthood or in early life on subsequent endocrine function and agonistic behavior in male albino laboratory mice. Brain PF, et al.
N Engl J Med 291:xiv, 11 Jun 74
 Effect of cyproterone acetate on genital organs of male rats treated during fetal and neonatal period. Yorkoki Y, et al.
Natl Inst Anim Health Q (Tokyo) 13:220-6, Winter 73
 Effects of cyproterone acetate on growth and feeding in rats. Vilberg TR, et al.
Pharmacol Biochem Behav 2:309-16, May 74

THERAPEUTIC USE

- The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al.
J Clin Endocrinol Metab 39:81-95, Jul 74
 Effect of cyproterone acetate on steroid levels and hirsutism in two female patients in a long-term study. Irvine WJ, et al. *J Endocrinol* 61:32-3, Apr 74
 [Treatment of metastasizing virilizing ovoblastoma with cyproterone acetate] Varga P, et al.
Orv Hetil 115:1165-8, 19 May 74 (Hun)

DIETHYLSTILBESTROL

- Diarylcyclobutane analogs of diethylstilbestrol. Lawson JE, et al. *J Med Chem* 17:383-6, Apr 74
 An improved method for the study of high-affinity steroid binding: oestradiol binding in brain and pituitary. Ginsburg M, et al. *Steroids* 23:773-92, Jun 74

ADMINISTRATION & DOSAGE

- The in vitro effect of progesterone and oestrogens on the spontaneous and oxytocin-induced activity of the human myometrium. Barnafi L, et al.
Acta Endocrinol (Kbh) 76:172-7, May 74

- Editorial: Stilboestrol for prostatic cancer.
Br Med J 2:520, 8 Jun 74
 Medical management of advanced prostatic carcinoma with stilboestrol. Lee JW. *Conn Med* 38:221-5, May 74
 Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al. *Int J Cancer* 11:90-4, 15 Jan 73
 Use of the "morning-after pill" in a college student health service. Hall MN.
J Am Coll Health Assoc 22:395-6, Jun 74
 Hydroxyproline in the early diagnosis of bone metastases in prostatic cancer. Kontturi MJ, et al.
Scand J Urol Nephrol 8:91-5, 1974

ADVERSE EFFECTS

- Clear-cell adenocarcinoma of the vagina and cervix in girls: analysis of 170 registry cases. Herbst AL, et al.
Am J Obstet Gynecol 119:713-24, 1 Jul 74
 Editorial: Stilboestrol for prostatic cancer.
Br Med J 2:520, 8 Jun 74
 Teratogenicity from drugs—an increasing problem. Shepard TH. *DM* 1:32, Jun 74
 Assuring the safety and efficacy of therapies. Stolley PD. *Int J Health Serv* 4:131-45, Winter 74
 Carcinogenic chemicals in food as an environmental health issue. Wolff AH, et al.
J Am Vet Med Assoc 164:623-9, 15 Mar 74 (76 ref.)
 Colposcopic aspects of management of vaginal adenosis in DES children. Scott JW, et al.
J Reprod Med 12:187-93, May 74
 Prenatal diethylstilbestrol and vaginal cancer in offspring. Mills DH. *JAMA* 229:471-2, 22 Jul 74
 Editorial: Mesonephric carcinoma of cervix. Carrier TC. *Minn Med* 57:295, Apr 74
 Letter: Post-stilbestrol syndrome. Karnaky KJ.
Obstet Gynecol 44:156-7, Jul 74

ANALYSIS

- Identification and determination of synthetic estrogens in pharmaceuticals by high-speed, reversed-phase partition chromatography. Roos RW.
J Pharm Sci 63:594-9, Apr 74
 Letter: Estrogenic substances in beef. Rossmeyer A.
JAMA 229:520-1, 29 Jul 74
 [Specific densitometric method for determining diethylstilbestrol in muscle, liver and kidney tissues] Adigamov LF, et al.
Nahrung 18:281-3, 1974 (Eng. Abstr.) (Ger)

ANTAGONISTS & INHIBITORS

- Inhibitory effect of 2-br-alpha-ergocryptine-methane-sulfonate on renal carcinogenesis in the male hamster. Hamilton JM, et al. *J Natl Cancer Inst* 52:1929-30, Jun 74
 Antiestrogenic activity of 2-aryl-3(beta-aminoalkyl)indoles. Rastogi VK, et al.
Res Commun Chem Pathol Pharmacol 7:763-70, Apr 74

CHEMICAL SYNTHESIS

- Synthesis, estrogenic activity, and electrophilic reactivity of an N-acetoxy-N-acetamido analog of diethylstilbestrol. Bartsch H, et al.
J Med Chem 17:386-9, Apr 74

DIAGNOSTIC USE

- A preview of growth hormone stimulation tests in children. Frasier SD. *Pediatrics* 53:929-37, Jun 74

METABOLISM

- Rat alpha-fetoprotein: isolation, characterization and estrogen-binding properties. Aussel C, et al.
Biochimie 55:1431-7, 1973
 Proceedings: Specificity of oestradiol high-affinity binding in cytosol from the brain and pituitary of the rat. Ginsburg M, et al. *J Endocrinol* 61:23-4, Apr 74

PHARMACODYNAMICS

- The in vitro effect of progesterone and oestrogens on the spontaneous and oxytocin-induced activity of the human myometrium. Barnafi L, et al.
Acta Endocrinol (Kbh) 76:172-7, May 74
 Sex hormones—effects on prolactin cells. el Etreby MF,

- et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
 Modification of the catalytic and regulatory properties of glutamate dehydrogenase by N-bromosuccinimide. Yelding KL, et al. *Ala J Med Sci* 10:393-9, Oct 73
 Some molecular aspects of mitochondrial complementation and heterosis. Sarkissian IV, et al. *Basic Life Sci* 2:53-60, 1973
 Editorial: Stilboestrol for prostatic cancer. *Br Med J* 2:520, 8 Jun 74
 In vivo incorporation of L-(3H)arginine into proteins of anterior pituitary gland and hypothalamus of intact and castrated rats. Vijayan E. *Brain Res* 72:241-50, 7 Jun 74
 Protein synthesis in a cell-free preparation from rumen Protozoa. Hoshino S, et al.
Comp Biochem Physiol [B] 48:39-45, 15 May 74
 Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Lloyd HM, et al. *Int J Cancer* 11:90-4, 15 Jan 73
 Elevation of plasma neurophysin in women on oral contraceptives. Robinson AG.
J Clin Invest 54:209-12, Jul 74
 Induction of lactation in a bull calf for casein variant phenotyping. Newstead DF, et al.
J Dairy Sci 57:344-6, Mar 74
 DNA synthesis and the secretion of prolactin and growth hormone by the pituitary gland of the male rat: effects of diethylstilboestrol and 2-bromo-alpha-ergocryptine methanesulphonate. Davies C, et al. *J Endocrinol* 61:411-7, Jun 74
 Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al. *J Endocrinol* 61:123-31, Apr 74
 Electrolyte and fluid appetite and balance in male guinea-pigs: effects of stilboestrol treatment and renal function tests. Middleton E, et al.
J Endocrinol 61:381-99, Jun 74
 Proceedings: Quantitation of a new serum alpha-macroglobulin in malignant disease, steroid treatment, pregnancy and normal subjects. Stimson WH. *J Endocrinol* 61:xxxxxi, Apr 74
 Synthesis, estrogenic activity, and electrophilic reactivity of an N-acetoxy-N-acetamido analog of diethylstilbestrol. Bartsch H, et al.
J Med Chem 17:386-9, Apr 74
 Diarylcyclobutane analogs of diethylstilbestrol. Lawson JE, et al. *J Med Chem* 17:383-6, Apr 74
 Antitesticular and antifertility activity of a pipercolinomethylhydroxyindane in rats. Boris A, et al. *J Reprod Fertil* 38:387-94, Jun 74
 Estrogen-related increases in uterine guanosine 3':5'-cyclic monophosphate levels. Kuehl FA Jr, et al. *Proc Natl Acad Sci USA* 71:1866-70, May 74
 DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al.
Proc Soc Exp Biol Med 146:401-5, Jun 74
 Antiestrogenic activity of 2-aryl-3(beta-aminoalkyl)indoles. Rastogi VK, et al. *Res Commun Chem Pathol Pharmacol* 7:763-70, Apr 74
 The serum ferroxidase activity and the iron mobilization by estrogens. Planas J.
Rev Esp Fisiol 29:293-9, Dec 73
 Hormonal control of oviduct growth and differentiation. O'Malley BW, et al.
Symp Soc Dev Biol 30:53-77, 1974 (32 ref.)
 [Role of endogenous catecholamines in processes determining sexual behavior in rats] Borzęcki Z. *Pol Tyg Lek* 29:631-2, 15 Apr 74 (Pol)
 [Regulation of enzyme biosynthesis in a culture of Mycobacterium globiforme, strain 193, which transforms steroids] Gotovtseva VA, et al.
Mikrobiologiya 42:434-40, May-Jun 73 (Eng. Abstr.) (Rus)
 [Enzymatic function of the pancreas under the effect of anabolic preparations and diets with different amounts of protein] Narodetskaia RV, et al.
Vopr Pitan 33:37-41, May-Jun 74 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

- Transient peripheral plasmacytosis. Moake JL, et al. *Am J Clin Pathol* 62:8-15, Jul 74
 Carcinoma of the male breast. Hudson MJ, et al. *Br J Surg* 61:440-4, Jun 74
 Editorial: Stilboestrol for prostatic cancer. *Br Med J* 2:520, 8 Jun 74

- Editorial: Drugs for gastric ulceration. *Br Med J* 2:186, 27 Apr 74
 Assuring the safety and efficacy of therapies. Stolley PD. *Int J Health Serv* 4:131-45, Winter 74
 Hormones and neoplasia. Forrest AP.
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)
 Choriocarcinoma of the testis. Henry SC, et al. *J Urol* 112:105-8, Jul 74
 Letter: Post-stilbestrol syndrome. Karnaky KJ. *Obstet Gynecol* 44:156-7, Jul 74
 Hydroxyproline in the early diagnosis of bone metastases in prostatic cancer. Kontturi MJ, et al. *Scand J Urol Nephrol* 8:91-5, 1974
 Solitary epididymal metastasis from carcinoma of prostate. Kovi J, et al. *Urology* 3:644-5, May 74
 External radiotherapy in ureteral obstruction secondary to locally invasive prostatic cancer. Megall MR, et al. *Urology* 3:562-4, May 74
 [Therapy of metastizing carcinoma of the breast. New therapeutic principle of anti-estrogen treatment] Henningsen B, et al.
Fortschr Med 92:617, 16 May 74 (Ger)
 [Treatment of more severe forms of common acne] Wójtowicz M, et al.
Przegl Dermatol 61:205-9, Mar-Apr 74 (Eng. Abstr.) (Pol)

DIMETHISTERONE

PHARMACODYNAMICS

- Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74

DROMOSTANOLONE

PHARMACODYNAMICS

- [Effect of various androgens on carcinogenesis of in the rat liver induced by para-dimethylaminoazobenzene (DAB)] Corre-Hurst L, et al.
C R Acad Sci [D] (Paris) 277:2441-3, 26 Nov 73 (Fre)

DYDROGESTERONE

- [Effect of various androgens on carcinogenesis of in the rat liver induced by para-dimethylaminoazobenzene (DAB)] Corre-Hurst L, et al.
C R Acad Sci [D] (Paris) 277:2441-3, 26 Nov 73 (Fre)

THERAPEUTIC USE

- Treatment of macromastia in the actively enlarging breast. Mayl N, et al.
Plast Reconstr Surg 54:6-12, Jul 74

ESTRADIOL

- Activation of 17beta-hydroxysteroid dehydrogenase from human red blood cells. Jacobsohn GM, et al. *Arch Biochem Biophys* 161:384-94, 2 Apr 74
 The transfer of glucose to steroids by sheep liver microsomes. Labow RS, et al.
Can J Biochem 52:203-7, Mar 74
 Proceedings: Cytoplasmic steroid hormone 'receptors' in reproductive organs. Green B.
J Endocrinol 61:2-3, Apr 74
 Temporal variations of testosterone levels in the peripheral blood plasma of men. Rowe PH, et al. *J Endocrinol* 61:63-73, Apr 74
 Ultrastructural immunocytochemical localization of prolactin in rat anterior pituitary by use of the unlabeled antibody enzyme method. Parsons JA, et al. *J Histochem Cytochem* 22:340-51, May 74
 Proceedings: Effect of active immunization against oestradiol-6-bovine serum albumin on circulating levels of oestradiol, testosterone, luteinizing hormone, follicle-stimulating hormone, prolactin and anti-oestradiol titre in the male rat. Hillier SG, et al. *N Engl J Med* 291:1111, 11 Jun 74
 Genotypic variations in Caucasian leukocyte estradiol 16 hydroxylase activity: a measurable determinant of breast cancer risk? Lemon HM, et al.
Nebr Med J 59:151-5, May 74
 The significance of prostaglandin production by the uterus. Poyser NL.
Pol J Pharmacol Pharm 26:189-203, Jan-Apr 74

- Steroid sulfatase activities in human breast tumors. Dao TL, et al. *Proc Soc Exp Biol Med* 146:381-4, Jun 74
- Specificities of antisera against estrogens linked to albumin at different positions (C6, C11, C16, C17). Hollander FC den, et al. *Steroids* 23:549-60, Apr 74
- Preparation of 3-deoxy-3-deuteroestrone and 3-deoxy-4-14C-estrone. Williams KI, et al. *Steroids* 23:731-9, May 74

ADMINISTRATION & DOSAGE

- The in vitro effect of progesterone and oestrogens on the spontaneous and oxytocin-induced activity of the human myometrium. Barnafi L, et al. *Acta Endocrinol (Kbh)* 76:172-7, May 74
- The immediate response of the plasma prolactin level to oestrogen and progesterone infusions in bulls. Schams D, et al. *Acta Endocrinol (Kbh)* 76:242-7, Jun 74
- The effect of estrogen on uterine blood flow and its distribution in nonpregnant ewes. Anderson SG, et al. *Am J Obstet Gynecol* 119:589-95, 1 Jul 74
- The effect of ovarian steroids on the accumulation of 3H-labelled monoamines by hypothalamic tissue in vitro. Endersby CA, et al. *Brain Res* 73:321-31, 20 Jun 74
- Comparative responses of *Peromyscus* (white-footed mice) to estradiol benzoate. Finlay MF. *Comp Biochem Physiol [A]* 48:229-36, 1 Jun 74
- Acute effects of ovarian steroids upon follicular growth in the cycling rat. Hori T, et al. *Endocrinol Jap* 20:475-82, Oct 73
- Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al. *Endocrinology* 94:1519-24, Jun 74
- Maturation of the negative feedback control of gonadotropin secretion in the female rat. Eldridge JC, et al. *Endocrinology* 94:1536-40, Jun 74
- Suppression of lordosis in guinea pigs by ethamoxy-triphetol (MER-25) given at long intervals (34-46 hr) after estradiol benzoate treatment. Feder HH, et al. *Horm Behav* 5:63-71, Mar 74
- Independence of progesterone-induced facilitation and inhibition of lordosis behavior in ovariectomized guinea pigs. Morin LP, et al. *Horm Behav* 5:7-12, Mar 74
- Septal lesions: effects on lordosis behavior and pattern of gonadotropin release. Nance DM, et al. *Horm Behav* 5:73-81, Mar 74
- Lordosis behavior in castrated male rats treated with estradiol benzoate or testosterone propionate in combination with an estrogen antagonist, MER-25, and in intact male rats. Södersten P, et al. *Horm Behav* 5:13-8, Mar 74
- Effects of some psychoactive agents on prolactin secretion in rats of different endocrine states. Clemens JA, et al. *Horm Metab Res* 6:187-90, May 74
- The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohypophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenarová V, et al. *Horm Metab Res* 6:208-13, May 74
- Thermal changes of the bovine uterus following administration of estradiol-17beta. Gwazdauskas FC, et al. *J Anim Sci* 39:87-92, Jul 74
- Proceedings: Dose-dependent effects of oestradiol injected into the cerebroventricles on feeding in sheep. Forbes JM. *J Endocrinol* 61:xxvxxvi, Apr 74
- Changes in cell proliferation rate in mouse uterine epithelium during continuous oestrogen treatment. Lee AE, et al. *J Endocrinol* 61:117-21, Apr 74
- Proceedings: Effect of intravenous infusion of oestradiol-17 beta, with and without prior progesterone treatment, on the plasma luteinizing hormone and follicle-stimulating hormone concentrations in anoestrous ewes. Pant HC, et al. *J Endocrinol* 61:vi, Apr 74
- Effects of oestradiol and prostaglandin F2alpha on the timing of parturition in the rat. Dukes M, et al. *J Reprod Fertil* 38:325-34, Jun 74
- A comparison of the specific effects of oestradiol and oestradiol on the uterine body and cervix of the spayed rat. Johnstone FD, et al. *J Reprod Fertil* 38:287-91, Jun 74
- Letter: Oestradiol 17beta: inhibitor of placental growth. Csapo A, et al. *Lancet* 2:51-2, 6 Jul 74
- The role of testosterone in developing chloroform-induced renal tubular necrosis in mice. Krus S, et al. *Nephron* 12:275-80, 1974
- Feeding in sheep modified by intraventricular

estradiol and progesterone. Forbes JM.

Physiol Behav 12:741-7, May 74

Reactivity to aversive stimuli as a function of alterations in body weight in normal and gonadectomized female rats. Marks HE, et al. *Physiol Behav* 9:539-44, Oct 72

Inhibitory and facilitatory effects of estradiol 17beta on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. Cooper KJ, et al.

Proc Soc Exp Biol Med 145:1422-6, Apr 74

Effects of sequential treatment with estradiol and PGF2alpha on the length of the primate menstrual cycle. Shalikh AA, et al.

Prostaglandins 6:253-62, 10 May 74

2Alpha, 3alpha-epithio-5alpha-androstan-17beta-YL 1-methoxycyclopentyl ether (10364-S), a new orally active anti-estrogenic steroid. Miyake T, et al. *Steroids* 23:929-37, Jun 74

[Monthly injection of combined estrogen and gestagen for contraception] Soffer U, et al.

Harefuah 86:303-7, 15 Mar 74 (Eng. Abstr.) (Heb)

[A parenteral monthly contraceptive (preliminary report)] Rubio Lotvin B, et al.

Ginecol Obstet Mex 35:257-61, Mar 74 (Eng. Abstr.) (Spa)

ANALYSIS

- Cellular and subcellular localization of 3H-oestradiol in the oviduct and uterus of the neonatal rat. Sheridan PJ, et al. *Acta Endocrinol (Kbh)* 76:570-5, Jul 74
- Analysis of steroids. XXIV. A specific method for the spectrophotometric determination of 17-ethynyl steroids. Szepesi G, et al. *Analyst* 99:218-21, Apr 74
- An improved method for the study of high-affinity steroid binding: oestradiol binding in brain and pituitary. Ginsburg M, et al. *Steroids* 23:773-92, Jun 74
- [Thin layer chromatography determination of picogram amounts of estradiol] Pollow K, et al. *J Chromatogr* 90:402-4, 10 Apr 74 (Ger)

ANTAGONISTS & INHIBITORS

- Antioestrogenic activity of jatamansone semicarbazone. Agrawal SS, et al. *Indian J Exp Biol* 11:583, Nov 73
- Effect of relaxin on oestrogen-induced uterine luminal fluid accumulation in the ovariectomized rat. Kennedy TG. *J Endocrinol* 61:347-53, Jun 74
- The biological profile of a new synthetic progestagen--GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74

BIOSYNTHESIS

- The effect of increasing maternal dehydroepiandrosterone sulfate on estrogen synthesis by pregnant baboons. Crystle CD, et al. *Endocrinology* 94:1743-5, Jun 74
- Estrogen production and its origin in men with gonadotropin-producing neoplasms. Kirschner MA, et al. *J Clin Endocrinol Metab* 39:112-8, Jul 74
- Proceedings: Synergistic action of follicle-stimulating hormone and luteinizing hormone on oestrogen production by mouse ovaries in culture. Ryle M, et al. *J Endocrinol* 61:23, Apr 74

BLOOD

- Effects of norethisterone on pituitary and ovarian function. Collins WP, et al. *Acta Endocrinol (Kbh)* 75:357-67, Feb 74
- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al. *Acta Endocrinol (Kbh)* 76:556-69, Jul 74
- Radioimmunoassay of oestrone and oestradiol in the peripheral plasma of the domestic fowl in various physiological states and of hypophysectomized and ovariectomized fowls. Senior BE. *Acta Endocrinol (Kbh)* 75:133-40, Jan 74
- Adrenal contribution to plasma oestrogens in adrenal disorders. Yuen BH, et al. *Acta Endocrinol (Kbh)* 76:117-26, May 74
- On fibrinolysis and coagulation during parturition and menstruation. Hahn L.

- Acta Obstet Gynecol Scand [Suppl] 28:7-40, 1974 (118 ref.)
- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al. Am J Obstet Gynecol 119:283-96, 1 Jun 74
- Measurement of thyroid gland function during the estrous cycle of nine mares. Kelley ST, et al. Am J Vet Res 35:657-60, May 74
- The effects of phenothiazines on endocrine function: I. Patients with inappropriate lactation and amenorrhoea. Beumont PJ, et al. Br J Psychiatry 124:413-9, May 74
- Sex-hormone-binding globulin. Anderson DC. Clin Endocrinol (Oxf) 3:69-96, Jan 74
- Sex-hormone-binding globulin. Anderson DC. Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)
- Circulating levels of prolactin during the menstrual cycle. McNelly AS, et al. Clin Endocrinol (Oxf) 3:105-12, Apr 74
- Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Oakley RE, et al. Clin Endocrinol (Oxf) 3:131-48, Apr 74
- Circulating concentrations of FSH, LH, estradiol, and progesterone associated with acute, male-induced puberty in female mice. Bronson FH, et al. Endocrinology 94:1658-68, Jun 74
- Plasma concentration of LH, FSH, prolactin, progesterone and estradiol-17beta throughout the 4-day estrous cycle of the rat. Butcher RL, et al. Endocrinology 94:1704-8, Jun 74
- The concentrations of progesterone, estrone and estradiol-17beta in the myometrium of the pregnant rabbit and their relationship to the peripheral plasma steroid concentrations. Challis JR, et al. Endocrinology 95:160-4, Jul 74
- Loss of sexual activity in rabbits actively immunized with testosterone. Nieschlag E, et al. Experientia 30:434-5, 15 Apr 74
- Plasma testosterone and estradiol concentration in prepubertal boys with cryptorchidism before and after dexamethasone and after human chorionic gonadotropin administration. Cacciari E, et al. Helv Paediatr Acta 29:27-34, Apr 74
- Possible age-dependent influence of estrogens on the binding of testosterone in plasma of adult men. Kley HK, et al. Horm Metab Res 6:213-6, May 74
- Improved plasma testosterone assay by competitive protein binding and clinical availability. Frick J. Invest Urol 12:27-9, Jul 74
- Unconjugated estrone, estradiol and FSH and LH in prepubertal and pubertal males and females. Angusisingha K, et al. J Clin Endocrinol Metab 39:63-8, Jul 74
- Blood production and ovarian secretion rates of estradiol-17 beta and estrone in women throughout the menstrual cycle. Baird DT, et al. J Clin Endocrinol Metab 38:1009-17, Jun 74
- Serum steroid levels following a large intravenous dose of a steroid sulfate precursor during the second trimester of human pregnancy. II. Pregnenolone sulfate. Buster JE, et al. J Clin Endocrinol Metab 38:1038-45, Jun 74
- Serum steroid levels following a large intravenous dose of a steroid sulfate precursor during the second trimester of human pregnancy. I. Dehydroepiandrosterone sulfate. Buster JE, et al. J Clin Endocrinol Metab 38:1031-7, Jun 74
- Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism. Job JC, et al. J Clin Endocrinol Metab 38:1109-14, Jun 74
- Estrogen production and its origin in men with gonadotropin-producing neoplasms. Kirchner MA, et al. J Clin Endocrinol Metab 39:112-8, Jul 74
- Further studies on Leydig cell function in old age. Rubens R, et al. J Clin Endocrinol Metab 39:40-5, Jul 74
- Measurement of serum LH, FSH, estradiol and progesterone in disorders of the human menstrual cycle: the inadequate luteal phase. Sherman BM, et al. J Clin Endocrinol Metab 39:145-9, Jul 74
- Estrogen-androgen imbalance in patients with hirsutism and amenorrhoea. Tulchinsky D, et al. J Clin Endocrinol Metab 39:164-9, Jul 74
- Modulation of pituitary responsiveness to LRF by estrogen. Yen SS, et al. J Clin Endocrinol Metab 39:170-7, Jul 74
- Ovarian hormones and sexual behavior in Macaca Nemestrina. Eaton GG, et al. J Comp Physiol Psychol 86:919-25, May 74
- Negative and positive effects of oestradiol upon luteinizing hormone secretion in the female rat. Chazal G, et al. J Endocrinol 61:511-2, Jun 74
- Proceedings: Comparison of steroid hormone production in the gonadotrophin-stimulated menstrual cycle with that found in the normal human menstrual cycle. Coutts JR, et al. J Endocrinol 61:28-9, Apr 74
- Radiolimmunoassay of oestrone, oestradiol-17alpha and -17beta in bovine plasma during the oestrous cycle and last stages of pregnancy. Dobson H, et al. J Endocrinol 61:479-86, Jun 74
- Proceedings: Plasma and pituitary hormone levels during early stages of pregnancy in the rat. O'Grady JE, et al. J Endocrinol 61:xxvii, Apr 74
- Annual cycles of plasma cortisol, testosterone and oestradiol-17 beta in the plaice, Pleuronectes platessa L. Wingfield JC, et al. J Endocrinol 61:28, Apr 74
- The variability of plasma oestradiol concentration in late pregnancy. Chan T, et al. J Obstet Gynaecol Br Commonw 81:357-60, May 74
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. J Reprod Fertil [Suppl] 20:137-61, Dec 73
- Letter: Oestradiol 17beta: inhibitor of placental growth. Csapo A, et al. Lancet 2:51-2, 6 Jul 74
- The extraction of oestrogens, and the rate of secretion of oestrone and oestradiol-17beta by the uterus in the pregnant sheep. Challis JR, et al. N Engl J Med 291:277-84, 11 Jun 74
- Proceedings: Effect of active immunization against oestradiol-6-bovine serum albumin on circulating levels of oestradiol, testosterone, luteinizing hormone, follicle-stimulating hormone, prolactin and anti-oestradiol titre in the male rat. Hillier SG, et al. N Engl J Med 291:1111, 11 Jun 74
- Proceedings: Plasma oestradiol and progesterone estimations in the monitoring of the induction of ovulation by human menopausal gonadotrophin and human chorionic gonadotrophin. McGarrigle HH, et al. N Engl J Med 291:1111, 11 Jun 74
- Plasma hormone profiles following high-dose intraamniotic prostaglandin F2alpha. Craft I, et al. Obstet Gynecol 44:135-41, Jul 74
- The ovulatory cycle. A histologic, thermal, steroid, and gonadotropin correlation. Lundy LE, et al. Obstet Gynecol 44:14-25, Jul 74
- Primary amenorrhoea in a 46,XX-46,XXq-female. Nankin HR, et al. Obstet Gynecol 44:42-6, Jul 74
- Effects of sequential treatment with estradiol and PGF2alpha on the length of the primate menstrual cycle. Shaikh AA, et al. Prostaglandins 6:253-62, 10 May 74
- The uptake of radioactivity by the uterus of the rabbit following the systemic administration of (3H) estradiol-17beta and (3H) estrone and the identification and subcellular localization of radiometabolites in the uterus. Gabb RG, et al. Steroids 23:879-93, Jun 74
- In vivo studies on the metabolism of estrone and estradiol-17beta by the brain. Kazama N, et al. Steroids 23:469-81, Apr 74
- A non-chromatographic radiolimmunoassay of estrone and estradiol-17beta serum. Kushinsky S, et al. Steroids 23:535-48, Apr 74
- Ultrastructure of human uterine epithelium at the time of implantation after postovulatory administration of norethindrone. Nilsson O, et al. Ups J Med Sci 79:65-71, 1974
- Control of the estrous cycle with prostaglandins. Downey BR. Vet Med Small Anim Clin 69:880 passim, Jul 74 (49 ref.)
- [Modifications of ovarian 17 beta estradiol in female rate treated by LH at the onset of 4 day cycles] Roser S, et al. C R Acad Sci [D] (Paris) 277:1799-801, 29 Oct 73 (Fre)
- [Variations of 17 beta-estradiol concentration in peripheral sheep blood in the course of the estrus cycle] Terqui M, et al. C R Acad Sci [D] (Paris) 277:1795-8, 29 Oct 73 (Fre)

CHEMICAL SYNTHESIS

Catechol estrogen methylene ethers. Femino AM, et al. Steroids 23:869-78, Jun 74

ISOLATION & PURIFICATION

Evidence of the direct aromatization of testosterone and different aromatization sites for testosterone and androstenedione in human placental microsomes. Bellino FL, et al. *Biochemistry* 13:1925-31, 23 Apr 74

METABOLISM

The subunit-structure of the uterine "oestradiol-receptor". Erdos T, et al. *Biochem Biophys Res Commun* 58:932-9, 18 Jun 74

Comparative study on the binding of estrogens by human and rat serum proteins in development. Nunez E, et al. *Biochem Biophys Res Commun* 57:126-33, 15 Mar 74

Binding of receptor-hydrocortisone complexes to isolated nuclei from embryonic neural retina cells. Sarkar PK, et al. *Biochem Biophys Res Commun* 57:980-6, 23 Apr 74

Evidence of the direct aromatization of testosterone and different aromatization sites for testosterone and androstenedione in human placental microsomes. Bellino FL, et al. *Biochemistry* 13:1925-31, 23 Apr 74

Characterization of the interaction between 17 beta-estradiol and its cytoplasmic receptor in the rat anterior pituitary gland. Korach KS, et al. *Biochemistry* 13:1932-8, 23 Apr 74

The role of estradiol in the equilibrium binding of estrogen receptor to rabbit uterine chromatin. Chatkoff ML, et al. *Biochim Biophys Acta* 343:480-91, 24 May 74

Testosterone-estradiol-binding globulin of human plasma: denaturation and protection. Rosner W, et al. *Biochim Biophys Acta* 351:92-8, 10 May 74

Rat alpha-fetoprotein: isolation, characterization and estrogen-binding properties. Aussel C, et al. *Biochimie* 55:1431-7, 1973

Nuclear receptor estradiol complex: a requirement for uterotrophic responses. Anderson JN, et al. *Endocrinology* 95:174-8, Jul 74

Metabolic fate of androgens in the pineal organ: uptake binding to cytoplasmic proteins and conversion of testosterone into 5alpha-reduced metabolites. Cardinali DP, et al. *Endocrinology* 95:179-87, Jul 74

The concentrations of progesterone, estrone and estradiol-17beta in the myometrium of the pregnant rabbit and their relationship to the peripheral plasma steroid concentrations. Challis JR, et al. *Endocrinology* 95:160-4, Jul 74

Studies on hormone-cytostatic complexes in the cytoplasm of rat prostatic gland. Holsaeter PA. *Invest Urol* 12:33-7, Jul 74

Androgen assimilation by normal and hyperplastic dog prostate glands. Mawhinney MG, et al. *Invest Urol* 12:17-22, Jul 74

Proceedings: The role of oestradiol and progesterone uptake and binding studies in human endometrial physiology and pathology. Brush MG. *J Endocrinol* 61:3-4, Apr 74

Proceedings: Specificity of oestradiol high-affinity binding in cytosol from the brain and pituitary of the rat. Ginsburg M, et al. *J Endocrinol* 61:23-4, Apr 74

The variability of plasma oestradiol concentration in late pregnancy. Chan T, et al. *J Obstet Gynaecol Br Commonw* 81:357-60, May 74

Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)

The extraction of oestrogens, and the rate of secretion of oestrone and oestradiol-17beta by the uterus in the pregnant sheep. Challis JR, et al. *N Engl J Med* 291:277-84, 11 Jun 74

Endogenously blocked high affinity estradiol receptors in the immature and mature rat uterus. Daehnfeldt JL. *Proc Soc Exp Biol Med* 146:159-62, May 74

Estrogen receptors in bone. An evaluation of the uptake of estrogen into bone cells. Nutik G, et al. *Proc Soc Exp Biol Med* 146:265-8, May 74

Effect of hypophysectomy and pretreatment on uptake and retention of estradiol by the ovary. Saiduddin S, et al. *Proc Soc Exp Biol Med* 146:513-7, Jun 74

The uptake of radioactivity by the uterus of the rabbit following the systemic administration of (3H) estradiol-17beta and (3H) estrone and the identification and subcellular localization of radiometabolites in the uterus. Gabb RG, et al. *Steroids* 23:879-93, Jun 74

In vivo studies on the metabolism of estrone and

estradiol-17beta by the brain. Kazama N, et al. *Steroids* 23:489-81, Apr 74

2Alpha, 3alpha-epithio-5alpha-androstan-17beta-YL 1-methoxycyclopentyl ether (10364-S), a new orally active anti-estrogenic steroid. Miyake T, et al. *Steroids* 23:929-37, Jun 74

Affinities of progesterone and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. *Steroids* 23:909-19, Jun 74

The entry of foreign compounds into the thoracic duct lymph of the rat. Sieber SM, et al. *Xenobiotica* 4:265-84, May 74

[Affinity of UDP glucuronyltransferase to chloramphenicol] Linhart P. *Verh Dtsch Ges Inn Med* 79:936-8, 1973 (Ger)

PHARMACODYNAMICS

The in vitro effect of progesterone and oestrogens on the spontaneous and oxytocin-induced activity of the human myometrium. Barnafi L, et al. *Acta Endocrinol (Kbh)* 76:172-7, May 74

Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hipkin LJ. *Acta Endocrinol (Kbh)* 75:141-7, Jan 74

Participation of hormone in the early stages of the immune response. Maor D, et al. *Acta Endocrinol (Kbh)* 75:205-8, Jan 74

A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al. *Acta Endocrinol (Kbh)* 76:556-69, Jul 74

In vitro effects of oestradiol and progesterone on the nucleic acid biosyntheses of the human full term placenta. Sarkar GC, et al. *Acta Endocrinol (Kbh)* 75:379-84, Feb 74

The immediate response of the plasma prolactin level to oestrogen and progesterone infusions in bulls. Schams D, et al. *Acta Endocrinol (Kbh)* 76:242-7, Jun 74

Cellular and subcellular localization of 3H-oestradiol in the oviduct and uterus of the neonatal rat. Sheridan PJ, et al. *Acta Endocrinol (Kbh)* 76:570-5, Jul 74

Sex hormones--effects on prolactin cells. El Etreby MF, et al. *Acta Endocrinol [Suppl]* (Kbh) 189:1-15, 1974 (48 ref.)

Effect of estradiol on the mouse female reproductive system in organ culture. Stadnicka A, et al. *Acta Histochem (Jena)* 46:267-80, 1973

Sequential gene expression in response to estradiol-17 beta during post-natal development of rat uterus. Kaye AM, et al. *Adv Exp Med Biol* 44:383-402, Jun 74

Effects of oestradiol on different cell types. King RJ, et al. *Adv Exp Med Biol* 44:367-81, Jun 74

The effect of estrogen on uterine blood flow and its distribution in nonpregnant ewes. Anderson SG, et al. *Am J Obstet Gynecol* 119:589-95, 1 Jul 74

The effects of hormones and chemotherapeutic agents on rat uterine adenocarcinoma cells in tissue culture. Sekiya S, et al. *Am J Obstet Gynecol* 119:675-80, 1 Jul 74

Plasma prolactin, LH, and corticosterone in rats exposed to a novel environment. Baldwin DM, et al. *Am J Physiol* 226:1366-9, Jun 74

Aldosterone stimulation of acidification of urine by isolated urinary bladder of the Colombian toad. Ludens JH, et al. *Am J Physiol* 226:1321-6, Jun 74

Ultrastructural changes in vaginal epithelium of mice neonatally treated with estrogen and prolactin. Mori R, et al. *Anat Rec* 179:225-40, Jun 74

Experimental study on the male pattern alopecia. I. Differences between the testosterone transport protein in bald and hairy areas. Bassas E, et al. *Arch Dermatol Forsch* 248:339-46, 20 Feb 74

Polysome-binding capacity of membranes in the cytoplasmic extract prepared from phenobarbital treated and regenerating rat liver. Takagi M, et al. *Biochem Biophys Res Commun* 58:868-75, 4 Jun 74

The role of estradiol in the equilibrium binding of estrogen receptor to rabbit uterine chromatin. Chatkoff ML, et al. *Biochim Biophys Acta* 343:480-91, 24 May 74

Alterations in adenylate cyclase activity of the rat prostate gland. Sutherland DJ, et al. *Biochim Biophys Acta* 343:238-49, 20 Mar 74

Letter: Thromboembolism and oral contraceptives. Astedt B, et al. *Br Med J* 2:333, 11 May 74

The effect of ovarian steroids on the accumulation of 3H-labelled monoamines by hypothalamic tissue in

- vitro. Endersby CA, et al.
Brain Res 73:321-31, 20 Jun 74
- Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al.
Brain Res 74:279-303, 12 Jul 74
- Stimulation of (3H)leucine incorporation into protein by estradiol-17 β or progesterone in brain tissues of ovariectomized guinea pigs. Wade GN, et al.
Brain Res 73:545-9, 28 Jun 74
- Comparative responses of *Peromyscus* (white-footed mice) to estradiol benzoate. Finlay MF.
Comp Biochem Physiol [A] 48:229-36, 1 Jun 74
- Oxidative metabolism of chicken semen and washed spermatozoa in the presence of various steroid hormones. Sexton TJ.
Comp Biochem Physiol [B] 47:799-804, 15 Apr 74
- Action of estrogenized uterine RNA on ovum implantation. Hayashi K, et al.
Endocrinol Jap 20:517-25, Oct 73
- Acute effects of ovarian steroids upon follicular growth in the cycling rat. Hori T, et al.
Endocrinol Jap 20:475-82, Oct 73
- Nuclear receptor estradiol complex: a requirement for uterotrophic responses. Anderson JN, et al.
Endocrinology 95:174-8, Jul 74
- Gonad-pituitary feedback involves qualitative change: androgens alter the type of FSH secreted by the rat pituitary. Bogdanove EM, et al.
Endocrinology 95:219-28, Jul 74
- Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al.
Endocrinology 94:1519-24, Jun 74
- Maturation of the negative feedback control of gonadotropin secretion in the female rat. Eldridge JC, et al.
Endocrinology 94:1538-40, Jun 74
- Patterns of ovulation-inducing LH release following coitus, electrical stimulation and exogenous LH-RH in the rabbit. Kanematsu S, et al.
Endocrinology 95:247-52, Jul 74
- Effects of castration and hormone replacement in fully adult male rhesus monkeys (*Macaca mulatta*). Micheal RP, et al.
Endocrinology 95:150-9, Jul 74
- Uterine phosphorylase: in vivo activity is inversely related in vitro inactivation. Rinard GA, et al.
Endocrinology 94:1621-7, Jun 74
- Divergent effects of infused progesterone on the reflexive release of oxytocin in ovariectomized goats variously treated with 17 β -estradiol. Roberts JS.
Endocrinology 94:1531-5, Jun 74
- Prostaglandin receptors in the human, monkey and hamster uterus. Wakeling AE, et al.
Endocrinology 95:55-64, Jul 74
- Autoradiographic studies on the influence of ACTH and ovarian hormones on proliferation of epithelial cells of the mammary gland in white mice. Teppa-Szumowska E.
Folia Morphol (Warsz) 33:37-44, 1974
- Effect of cyproterone, cyproterone acetate and ICI 46,474 on gonadal sex differentiation in *Rana esculenta*. Chieffl G, et al.
Gen Comp Endocrinol 22:532-5, Apr 74
- Failure of sex hormones and PMS to stimulate gonadal development in young *Rana nigromaculata*. Iwasawa H, et al.
Gen Comp Endocrinol 22:526-8, Apr 74
- Effect of exogenous estradiol-17 β on vitellogenic oocyte growth in ovaries of the toad *Bufo bufo* (L.) during the postspawning period. Jorgensen CB.
Gen Comp Endocrinol 23:164-9, Jun 74
- Suppression of lordosis in guinea pigs by ethamoxy-triphetol (MER-25) given at long intervals (34-46 hr) after estradiol benzoate treatment. Feder HH, et al.
Horm Behav 5:63-71, Mar 74
- Testosterone, androstenedione, and androstenediol: effects on the initiation of mating behavior of inexperienced castrated male rats. Moralf G, et al.
Horm Behav 5:103-10, Mar 74
- Independence of progesterone-induced facilitation and inhibition of lordosis behavior in ovariectomized guinea pigs. Morin LP, et al.
Horm Behav 5:7-12, Mar 74
- Septal lesions: effects on lordosis behavior and pattern of gonadotropin release. Nance DM, et al.
Horm Behav 5:73-81, Mar 74
- Effects of an estrogen antagonist, MER-25, on mounting behavior and lordosis behavior in the female rat. Södersten P.
Horm Behav 5:111-21, Mar 74
- Lordosis behavior in castrated male rats treated with estradiol benzoate or testosterone propionate in combination with an estrogen antagonist, MER-25, and in intact male rats. Södersten P, et al.
Horm Behav 5:13-8, Mar 74
- Effects of some psychoactive agents on prolactin secretion in rats of different endocrine states. Clemens JA, et al.
Horm Metab Res 6:187-90, May 74
- Possible age-dependent influence of estrogens on the binding of testosterone in plasma of adult men. Kley HK, et al.
Horm Metab Res 6:213-6, May 74
- Thermal changes of the bovine uterus following administration of estradiol-17 β . Gwazdauskas FC, et al.
J Anim Sci 39:87-92, Jul 74
- Luteinizing hormone release and ovulation in anestrus ewes. Lewis PE, et al.
J Anim Sci 38:1197-203, Jun 74
- Spontaneous patterns of LH release in castrate male sheep and the effects of exogenous estradiol. Riggs BL, et al.
J Anim Sci 38:1239-44, Jun 74
- Modulation of pituitary responsiveness to LRF by estrogen. Yen SS, et al.
J Clin Endocrinol Metab 39:170-7, Jul 74
- The neoplastic cell. The effects of steroid hormones and carcinogens on the interaction of membranes with polysomes. Rabin BR, et al.
J Clin Pathol [Suppl] 7:51-9, 1974 (26 ref.)
- Induction by gonadal hormones of hepatic lipogenic enzyme activity in immature pullets. Balnave D, et al.
J Endocrinol 61:29-43, Apr 74
- Negative and positive effects of oestradiol upon luteinizing hormone secretion in the female rat. Chazal G, et al.
J Endocrinol 61:511-2, Jun 74
- Proceedings: Dose-dependent effects of oestradiol injected into the cerebroventricles on feeding in sheep. Forbes JM.
J Endocrinol 61:xxvixvi, Apr 74
- Proceedings: Androgen dynamics in vitro in the prostate gland. Giorgi EP, et al.
J Endocrinol 61:17-8, Apr 74
- Proceedings: Hormonal effects on enzymes and intermediates of carbohydrate metabolism in rat uterus. Greenstreet RA, et al.
J Endocrinol 61:xixkv, Apr 74
- Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al.
J Endocrinol 61:123-31, Apr 74
- Changes in cell proliferation rate in mouse uterine epithelium during continuous oestrogen treatment. Lee AE, et al.
J Endocrinol 61:117-21, Apr 74
- The inhibition of fertilizing ability of epididymal spermatozoa by the administration of oestradiol benzoate to testosterone-maintained hypophysectomized or castrated hamsters. Lubicz-Nawrocki CM.
J Endocrinol 61:133-8, Apr 74
- Effect of neonatal administration of different androgens in the female rat: correlation between aromatization and the induction of sterilization. McDonald PG, et al.
J Endocrinol 61:95-103, Apr 74
- The effect of oxytocin on sperm transport in ovariectomized, oestrogen-treated rabbits. Morton DB, et al.
J Endocrinol 61:139-45, Apr 74
- Proceedings: Effect of intravenous infusion of oestradiol-17 β with and without prior progesterone treatment, on the plasma luteinizing hormone and follicle-stimulating hormone concentrations in anoestrous ewes. Pant HC, et al.
J Endocrinol 61:vi, Apr 74
- Proceedings: Preliminary studies on the secretion of prostaglandin F from the autotransplanted uterus of the ewe after exogenous progesterone and oestradiol. Scaramuzzi RJ, et al.
J Endocrinol 61:xxxv, Apr 74
- Progeny of isogenic males and females obtained by nuclear graft in *Pleurodeles*. Gallien CL, et al.
J Hered 65:78-80, Mar-Apr 74
- Influence of sex hormones on vitamin K deficiency and epoxidation of vitamin K in the rat. Matschiner JT, et al.
J Nutr 104:660-5, Jun 74
- An uptake mechanism for L-noradrenaline in the cat spleen, associated with the nerves but distinct from uptake. Blakeley AG, et al.
J Physiol (Lond) 238:193-206, Apr 74
- Effects of oestradiol and prostaglandin F $_{2\alpha}$ on the timing of parturition in the rat. Dukes M, et al.
J Reprod Fertil 38:325-34, Jun 74
- A comparison of the specific effects of oestriol and oestradiol on the uterine body and cervix of the spayed rat. Johnstone FD, et al.
J Reprod Fertil 38:287-91, Jun 74
- Cytophotometric and autoradiographic evaluation of cell kinetics in decidua growth in rats. Leroy F, et al.
J Reprod Fertil 38:441-9, Jun 74

- Proceedings: Effects of estradiol-17beta and progesterone on DNA synthesis in the uterus of the mouse. Koneki Y, et al.
Jap J Pharmacol 24:Suppl:129, 1974
- Proceedings: The mechanism of action of prostaglandins on contraction of the uterus. Teraki Y, et al. *Jap J Pharmacol* 24:Suppl:30, 1974
- Letter: Oestradiol 17beta: inhibitor of placental growth. Csapo A, et al. *Lancet* 2:51-2, 6 Jul 74
- Proceedings: Gonadal hormones and aggressive behaviour in captive groups of talapoin monkeys (*Miopithecus talapoin*). Dixon AF, et al.
N Engl J Med 291:xlvi, 11 Jun 74
- Proceedings: Adrenal function, oestrogen and the control of parturition in the guinea-pig. Donovan BT, et al. *N Engl J Med* 291:xxxix, 11 Jun 74
- Vaginal mucification in the ovariectomized rat in response to 5alpha-pregnane-3,20-dione, testosterone and 5alpha-androstan-17beta-ol-3-one: test for progestogenic activity. Kennedy TG.
N Engl J Med 291:293-300, 11 Jun 74
- Proceedings: Oestrogen effects on calcium- and magnesium-induced mitosis in isolated rat thymic lymphocytes. Morgan JI, et al.
N Engl J Med 291:xxxvii, 11 Jun 74
- The effects of oestrus and exogenous oestrogens on milk secretion in the goat. Peaker M, et al.
N Engl J Med 291:231-40, 11 Jun 74
- Progesterone concentration, intraluminal pressure and electrical activity of the guinea-pig uterus. Porter DG, et al. *N Engl J Med* 291:255-63, 11 Jun 74
- The role of testosterone in developing chloroform-induced renal tubular necrosis in mice. Kruis S, et al. *Nephron* 12:275-80, 1974
- Protection by catatoxic steroids against the paralysis caused by combined treatment with thyroxine and methylphenidate. Selye H, et al.
Neuropharmacology 11:693-6, Sep 72
- Estrogenic and anti-estrogenic characteristics of common Finnish fodders. Kallela K.
Nord Vet Med 26:97-107, Feb 74
- Endocervical changes with the use of synthetic steroids. Mingeot R, et al.
Obstet Gynecol 44:53-9, Jul 74
- Hormonally enhanced proliferation of human breast cancer in organ culture. An in vitro system for assessment of specific hormonal response. Lagios MD.
Oncology 29:22-33, 1974
- Uterine and mammary neoplasia and other changes (amyloidosis) in C3H mice, related to ovariectomy, estrogen and methylcholanthrene. Weasely Z, et al.
Oncology 26:33-52, 1972
- Feeding in sheep modified by intraventricular estradiol and progesterone. Forbes JM.
Physiol Behav 12:741-7, May 74
- The ovulatory surge of gonadotropin and sexual receptivity in the female golden hamster. Goldman BD, et al. *Physiol Behav* 12:991-5, Jun 74
- Food intake and body weight modifications following medial hypothalamic hormone implants in female rats. Jankowiak R, et al.
Physiol Behav 12:875-9, May 74
- Reactivity to aversive stimuli as a function of alterations in body weight in normal and gonadectomized female rats. Marks HE, et al.
Physiol Behav 9:539-44, Oct 72
- Effects of intracerebral implants of steroid hormones on scent marking in the ovariectomized female gerbil (*Meriones unguiculatus*). Owen K, et al.
Physiol Behav 12:755-60, May 74
- Food deprivation effects on some estrogen-sensitive responses in female rats. Rosen EF, et al.
Physiol Behav 12:767-70, May 74
- Sex hormones and kinetics of anaphylactic histamine release. Conrad MJ, et al.
Physiol Chem Phys 6:11-6, 1974
- Influence of antiproliferative drugs on prostaglandin E1 stimulated cyclic 3',5'-AMP levels and glycosaminoglycan synthesis in fibroblast tissue cultures. Schönhöfer PS, et al.
Poi J Pharmacol Pharm 26:51-60, Jan-Apr 74
- Uterine estrogen-induced protein: physical and immunological comparison with ovalbumin. Katzenellenbogen BS, et al.
Proc Natl Acad Sci USA 71:1281-5, Apr 74
- Estrogen-related increases in uterine guanosine 3',5'-cyclic monophosphate levels. Kuehl FA Jr, et al.
Proc Natl Acad Sci USA 71:1866-70, May 74
- The lipid response to female gonadal hormones of male rats given a high-sucrose diet. Jefferys DB, et al.
Proc Nutr Soc 32:60A, Sep 73
- Regulation of a specific uterine protein by estrogen and progesterone in ovariectomized rabbits. Bullock DW, et al. *Proc Soc Exp Biol Med* 146:294-8, May 74
- Inhibitory and facilitatory effects of estradiol 17beta on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. Cooper KJ, et al.
Proc Soc Exp Biol Med 145:1422-6, Apr 74
- DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al.
Proc Soc Exp Biol Med 146:401-5, Jun 74
- Increased in vitro pituitary response to LH-RH after in vivo estrogen treatment. Hobson W, et al.
Proc Soc Exp Biol Med 146:470-4, Jun 74
- Effect of hypophysectomy and pretreatment on uptake and retention of estradiol by the ovary. Saiduddin S, et al. *Proc Soc Exp Biol Med* 146:513-7, Jun 74
- Involvement of catecholamines in feedback mechanisms. Kalra P, et al.
Prog Brain Res 39:185-98, 1973
- Prostaglandin receptors in the bovine corpus luteum cell membranes. Rao CV.
Prostaglandins 6:533-6, 25 Jun 74
- Effects of sequential treatment with estradiol and PGF2alpha on the length of the primate menstrual cycle. Shalikh AA, et al.
Prostaglandins 6:253-62, 10 May 74
- Post nidatory action of various compounds representing several pharmacological classes. DiPasquale G, et al.
Res Commun Chem Pathol Pharmacol 7:701-14, Apr 74
- Effect of estradiol on the hypothalamic regulation of body weight in the rat. Reynolds RW, et al.
Res Commun Chem Pathol Pharmacol 7:715-24, Apr 74
- The serum ferroxidase activity and the iron mobilization by estrogens. Planas J.
Rev Esp Fisiol 29:293-9, Dec 73
- The progestational and anti-estrogenic activities of some novel 11beta-substituted steroids. Gilbert HG, et al. *Steroids* 23:585-602, Apr 74
- Genetic regulation of hormone action: selective effects of progesterone and dihydroprogesterone (5alpha-pregnane-3,20-dione) on sexual receptivity in mice. Gorzalka BB, et al. *Steroids* 23:499-505, Apr 74
- Hormonal control of oviduct growth and differentiation. O'Malley BW, et al.
Symp Soc Dev Biol 30:53-77, 1974 (32 ref.)
- An ultrastructural study of peroxidatic and phagocytic activities of two types of sinusoidal lining cells in rat liver. Ogawa K, et al.
Tohoku J Exp Med 111:253-9, Nov 73
- [The binding of labelled thyroxine on protein of estrogenized rat adenohypophysis in vitro: kinetics of displacement by stable thyroxine (author's transl)] Schreiber V, et al.
Sb Lek 74:257-62, Sep 72 (Eng. Abstr.) (Cze)
- [Significance of prolactin in man] Kumamoto E, et al.
Clin Endocrinol (Tokyo) 22:361-7, Mar 74 (36 ref.) (Jap)
- [Effects of hormonal control on the drug sensitivity of the vas deferens and seminal vesicle. 1] Ozawa H, et al.
Folia Pharmacol Jap 69:557-69, Jul 73 (Eng. Abstr.) (Jap)
- [Regulation of enzyme biosynthesis in a culture of *Mycobacterium globiforme*, strain 193, which transforms steroids] Gotovtseva VA, et al.
Mikrobiologiya 42:434-40, May-Jun 73 (Eng. Abstr.) (Rus)

PHYSIOLOGY

- Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74
- Variation of nuclear size of neurons of the ventromedial nucleus in relation to spermatogenesis in the squirrel monkey (*Saimiri sciureus*). Bubenik GA, et al. *Experientia* 30:378-9, 15 Apr 74
- Proceedings: Neuroendocrinology of lactation. Meltes J. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)

SECRETION

- Blood production and ovarian secretion rates of estradiol-17 beta and estrone in women throughout the menstrual cycle. Baird DT, et al.
J Clin Endocrinol Metab 38:1009-17, Jun 74

GONADS

- Estrogen production and its origin in men with gonadotropin-producing neoplasms. Kirschner MA, et al. *J Clin Endocrinol Metab* 39:112-8, Jul 74
- Ovarian hormones and sexual behavior in Macaca Nemestrina. Eaton GG, et al.
J Comp Physiol Psychol 88:919-25, May 74
- The extraction of oestrogens, and the rate of secretion of oestrone and oestradiol-17beta by the uterus in the pregnant sheep. Challis JR, et al.
N Engl J Med 291:277-84, 11 Jun 74
- [Modifications of ovarian 17 beta estradiol in female rate treated by LH at the onset of 4 day cycles] Roser S, et al.
C R Acad Sci [D] (Paris) 277:1799-801, 29 Oct 73 (Fre)

THERAPEUTIC USE

- Comparative study on the effects of surgery, chemotherapy, and immunotherapy, alone and in combination, on metastases of the 13762 mammary adenocarcinoma. Bogden AE, et al.
Cancer Res 34:1627-31, Jul 74
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al.
J Reprod Fertil [Suppl] 20:137-61, Dec 73
- Zinc and beta-glucuronidase in the human prostate. Müntzing J, et al. *Scand J Urol Nephrol* 8:87-90, 1974
- [Hormonal treatment of juvenile menstruation disorders] Sas M.
Fortschr Med 92:641-2, 23 May 74 (Ger)

URINE

- Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al.
Acta Endocrinol (Kbh) 76:214-34, Jun 74
- Urinary excretion of oestrone and oestradiol-17alpha in cows with cystic ovaries. Lunaas T, et al.
Acta Endocrinol (Kbh) 75:350-6, Feb 74
- Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Oakley RE, et al. *Clin Endocrinol (Oxf)* 3:131-48, Apr 74
- Estrogen production and its origin in men with gonadotropin-producing neoplasms. Kirschner MA, et al. *J Clin Endocrinol Metab* 39:112-8, Jul 74
- The effect of hypophyseal hormones and human chorionic gonadotrophin (HCG) on the anencephalic fetal adrenal cortex and on parturition in the human. Honnebler WJ, et al.
J Obstet Gynaecol Br Commonw 81:423-38, Jun 74
- Proceedings: Measurement of unconjugated oestradiol-17beta in human urine by radioimmunoassay. Edwards R, et al.
N Engl J Med 291:ixkxi, 11 Jun 74
- The urinary excretion of oestrogens in cows treated with a synthetic gestagen (chlormadinone-acetate, CAP) for the control of oestrus. Lunaas T, et al.
Nord Vet Med 25:28-32, Jan 73
- Catechol estrogen methylene ethers. Femino AM, et al. *Steroids* 23:869-78, Jun 74
- [Metabolism of estrogens in the adrenogenital syndrome] Serrera Contreras JL.
Rev Iber Endocrinol 21:217-38, May 74 (Eng. Abstr.) (Spa)

ESTRANES

- Estracyt (NSC 89199) as a substrate for phosphatases in human serum. Tritsch GL, et al.
Invest Urol 12:38-9, Jul 74

ADMINISTRATION & DOSAGE

- Pharmacoclinical study of oral estramustine phosphate (Estracyt) in advanced carcinoma of the prostate. Müntzing J, et al. *Invest Urol* 12:65-8, Jul 74

ADVERSE EFFECTS

- Pharmacoclinical study of oral estramustine phosphate (Estracyt) in advanced carcinoma of the prostate. Müntzing J, et al. *Invest Urol* 12:65-8, Jul 74

CHEMICAL SYNTHESIS

- Steroids and sex hormones. Transformation of dehydroabietic acid into 14-methyl-steroids. II. The synthesis of
3-oxo-17beta-acetoxy-14alpha-methyl-delta-4alpha,

ESTRIOL

- 9beta, 10alpha, 13alpha-estrene. Wirthlin T, et al. *Helv Chim Acta* 57:368-70, Feb 74
- [Steroids and sexual hormones. 249. The transformation of dehydroabietic acid into 14 alpha-methylsteroids. I. The partial synthesis of 5-methoxy-17-oxo-14 alpha-methyl-delta(5,7,9)-des-A-estratriene] Wirthlin T, et al.
Helv Chim Acta 57:351-68, Feb 74 (Ger)

METABOLISM

- Recent data on the mechanism of action of oestrogens in the treatment of prostatic tumour patients. Szendrői Z, et al. *Int Urol Nephrol* 5:311-23, 1974

THERAPEUTIC USE

- Recent data on the mechanism of action of oestrogens in the treatment of prostatic tumour patients. Szendrői Z, et al. *Int Urol Nephrol* 5:311-23, 1974
- Pharmacoclinical study of oral estramustine phosphate (Estracyt) in advanced carcinoma of the prostate. Müntzing J, et al. *Invest Urol* 12:65-8, Jul 74

ESTRIOL

- Plasma concentration of LH, FSH, prolactin, progesterone and estradiol-17beta throughout the 4-day estrous cycle of the rat. Butcher RL, et al. *Endocrinology* 94:1704-8, Jun 74
- Temporal variations of testosterone levels in the peripheral blood plasma of men. Rowe PH, et al. *J Endocrinol* 61:63-73, Apr 74
- Specificities of antisera against estrogens linked to albumin at different positions (C6, C11, C16, C17). Hollander FC den, et al. *Steroids* 23:549-60, Apr 74

ADMINISTRATION & DOSAGE

- Conjugation of 16-ploestriol by pregnant women. De la Torre B, et al. *Acta Endocrinol (Kbh)* 75:159-72, Jan 74
- A comparison of the specific effects of oestriol and oestradiol on the uterine body and cervix of the spayed rat. Johnstone FD, et al.
J Reprod Fertil 38:287-91, Jun 74

BIOSYNTHESIS

- [Semi thin section cytochemical and immunologic autoradiographical findings on hormone metabolism of the ripe human placenta] Kaufmann P, et al. *Verh Anat Ges* 67:245-9, 1972 (Eng. Abstr.) (Ger)

BLOOD

- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al.
Am J Obstet Gynecol 119:283-96, 1 Jun 74
- Serum steroid levels following a large intravenous dose of a steroid sulfate precursor during the second trimester of human pregnancy. II. Pregnenolone sulfate. Buster JE, et al.
J Clin Endocrinol Metab 38:1038-45, Jun 74
- Serum steroid levels following a large intravenous dose of a steroid sulfate precursor during the second trimester of human pregnancy. I. Dehydroepiandrosterone sulfate. Buster JE, et al.
J Clin Endocrinol Metab 38:1031-7, Jun 74
- Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. Laatikainen TJ, et al.
J Clin Invest 53:1709-15, Jun 74
- Adrenal response in pregnancy to long-acting tetracosactrin. Johnstone FD, et al.
J Obstet Gynaecol Br Commonw 81:363-7, May 74
- Plasma hormone profiles following high-dose intraamniotic prostaglandin F2alpha. Craft I, et al. *Obstet Gynecol* 44:135-41, Jul 74
- A non-chromatographic radioimmunoassay of estrone and estradiol-17beta serum. Kushinsky S, et al. *Steroids* 23:535-48, Apr 74

METABOLISM

- Conjugation of 16-ploestriol by pregnant women. De la Torre B, et al. *Acta Endocrinol (Kbh)* 75:159-72, Jan 74
- Rat alpha-fetoprotein: isolation, characterization and estrogen-binding properties. Aussel C, et al. *Biochimie* 55:1431-7, 1973

ESTRIOL

- Anticoagulant therapy of patients with repeated placental infarction. Buyse FG, et al.
Obstet Gynecol 43:844-8, Jun 74
 The fate of estriol in dogs. Kirdani RY, et al.
Steroids 23:667-86, May 74

PHARMACODYNAMICS

- Experimental study on the male pattern alopecia. I. Differences between the testosterone transport protein in bald and hairy areas. Bassas E, et al.
Arch Dermatol Forsch 248:339-46, 20 Feb 74
 A comparison of the specific effects of oestriol and oestradiol on the uterine body and cervix of the spayed rat. Johnstone FD, et al.
J Reprod Fertil 38:287-91, Jun 74
 [Action of succinylestriol on the female climacteric] Ruiz Velasco V, et al.
Ginecol Obstet Mex 35:1-7, Jan 74 (Eng. Abstr.) (Spa)

PHYSIOLOGY

- Proceedings: Epidemiology of human breast cancer. Cole P. *J Invest Dermatol* 63:133-7, Jul 74 (33 ref.)

THERAPEUTIC USE

- Summary and recommendations of the workshop on breast cancer. Lemon HM, et al.
Cancer 33:1740-3, Jun 74
 [Letter: Climacteric disorders] Staemmler HJ.
Dtsch Med Wochenschr 99:423, 1 Mar 74 (Ger)

URINE

- Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al.
Acta Endocrinol (Kbh) 76:214-34, Jun 74
 Conjugation of 16-pioestriol by pregnant women. De la Torre B, et al. *Acta Endocrinol (Kbh)* 75:159-72, Jan 74
 Letter: Drugs affecting oral contraceptives. Mumford JP. *Br Med J* 2:333-4, 11 May 74
 Letter: Vaginal cytology in pregnancies associated with congenital fetal defects. Sen DK.
Br Med J 2:277-8, 4 May 74
 Perinatal morbidity and mortality committee. Case history and commentary. Lattanzi WE.
Conn Med 38:251-2, May 74
 Proceedings: Are 24-h urine collections necessary for oestrogen determinations in pregnancy? Rao LG.
J Endocrinol 61:xxxxxxx, Apr 74
 The effect of hypophysial hormones and human chorionic gonadotrophin (HCG) on the anencephalic fetal adrenal cortex and on parturition in the human. Honnebler WJ, et al.
J Obstet Gynaecol Br Commonw 81:423-38, Jun 74
 Management of gestational diabetes. Bates GW.
Postgrad Med 55:55-8, Jun 74
 The fate of estriol in dogs. Kirdani RY, et al.
Steroids 23:667-86, May 74
 [Hypertension in pregnancy (author's transl)] Zander J, et al.
Munch Med Wochenschr 116:699-706, 5 Apr 74 (Eng. Abstr.) (Ger)
 [Prognostic significance of the level of prenatal excretion of estriol] Foř AM, et al.
Akush Ginekol (Mosk) 49:18-20, Nov 73 (Rus)
 [Metabolism of estrogens in the adrenogenital syndrome] Serrera Contreras JL.
Rev Iber Endocrinol 21:217-38, May 74 (Eng. Abstr.) (Spa)

ESTROGENIC SUBSTANCES, CONJUGATED

ADMINISTRATION & DOSAGE

- The effect of intravenous oestrogen injections on plasma human placental lactogen levels. Niven PA, et al. *J Obstet Gynaecol Br Commonw* 81:466-8, Jun 74
 [Estrogen treatment of women after the menopause] Furuhielm M.
Lakartidningen 71:605-7, 13 Feb 74 (Eng. Abstr.) (Swe)

ANALYSIS

- Letter: Estrogenic substances in beef. Rossmeyer A.
JAMA 229:520-1, 29 Jul 74

GONADS

BLOOD

- The variability of plasma oestradiol concentration in late pregnancy. Chan T, et al.
J Obstet Gynaecol Br Commonw 81:357-60, May 74
 Changes in plasma levels of estrone sulfate and estrone in the pregnant ewe around parturition. Tsang CP.
Steroids 23:855-68, Jun 74

PHARMACODYNAMICS

- The stalic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al.
Acta Endocrinol [Suppl] (Kbh) 187:3-62, 1974
 Serum prolactin levels during ovulatory menstrual cycle and menstrual disorders in women. Tamura S, et al. *Endocrinol Jap* 20:483-8, Oct 73
 The effect of intravenous oestrogen injections on plasma human placental lactogen levels. Niven PA, et al. *J Obstet Gynaecol Br Commonw* 81:466-8, Jun 74
 Adverse interaction between steroid hormones and anticholinesterase drugs. Patten BM, et al.
Neurology (Minneapolis) 24:442-9, May 74
 [Estrogen treatment of women after the menopause] Furuhielm M.
Lakartidningen 71:605-7, 13 Feb 74 (Eng. Abstr.) (Swe)

THERAPEUTIC USE

- Bone turnover-sex hormone-parathyroid hormone interrelationships in postmenopausal osteoporosis. Riggs B, et al. *Boll Soc Ital Biol Sper* 49:732-7, 30 Jul 73
 Primary malignant lymphoma of the bladder: case report and review of the literature. Aquilina JN, et al.
J Urol 112:64-5, Jul 74
 [Letter: Climacteric disorders] Staemmler HJ.
Dtsch Med Wochenschr 99:423, 1 Mar 74 (Ger)

ESTROGENS

- Diurnal variation of peripheral plasma levels of testosterone in bulls measured by a rapid radioimmunoassay procedure. Sanwal PC, et al.
Acta Vet Scand 15:90-9, 1974
 Spectral changes in liver microsomal cytochrome P-450 from benzantracene-treated normal and partially hepatectomized rats. Fischer PW, et al.
Chem Biol Interact 8:253-9, Apr 74
 The birth control movement and oral contraceptives in the college population. Donald IR, et al.
J Am Coll Health Assoc 22:375-83, Jun 74
 [Human teratocarcinoma: cellular affinity labeling with tritiated estrogens] Uriel J, et al.
Nouv Presse Med 3:1213-5, 11 May 74 (Eng. Abstr.) (Fre)
 [Sex of erythrocytes. NASA has begun biologic study of the female sex. Is space open to the daughters of Eve? Why are female erythrocytes more vulnerable than male? What role is played by hormones?] Monti A.
Minerva Med 65:1603-4, 14 Apr 74 (Ita)

ADMINISTRATION & DOSAGE

- Proceedings: Quantitation of a new serum alpha-macroglobulin in malignant disease, steroid treatment, pregnancy and normal subjects. Stimson WH. *J Endocrinol* 61:xxxxxxxi, Apr 74
 The progestational and anti-estrogenic activities of some novel 11beta-substituted steroids. Gilbert HG, et al. *Steroids* 23:585-602, Apr 74
 [Hormonal dependency of gamma-glutamyl transpeptidase (author's transl)] Feldmann HU, et al.
Dtsch Med Wochenschr 99:1171-4, 31 May 74 (Eng. Abstr.) (Ger)
 [Delayed uterine secretion following injections of estrogen in the pregnant rabbit] Beier HM, et al.
Verh Anat Ges 67:567-75, 1972 (Ger)
 [Minipills and pregnancy] Tidsskr Nor Laegeforen 94:1009, 30 May 74 (Nor)
 [Estrogen treatment of women after the menopause] Furuhielm M.
Lakartidningen 71:605-7, 13 Feb 74 (Eng. Abstr.) (Swe)

GONADS

ESTROGENS

ADVERSE EFFECTS

- A clinical and pathologic review of ovarian stromal hyperplasia and its possible relationship to common diseases of the female reproductive system. Stearns HC, et al. *Am J Obstet Gynecol* 119:375-81, 1 Jun 74
- Letter: Thromboembolism and oral contraceptives. Briggs MH. *Br Med J* 2:503, 1 Jun 74
- Editorial: Liver tumours and the pill. *Br Med J* 2:3-4, 6 Jul 74
- [Hormonal contraceptives and hypertension] Haller J. *Internist (Berlin)* 15:155-6, Mar 74 (Ger)
- [New drugs: Estracyt] Urologie [A] 13:100, Mar 74 (Ger)
- [Porphyria cutanea tarda in hereditary bullous epidermolysis type Weber-Cockayne] Nuss A, et al. *Z Hautkr* 49:273-80, 1 Apr 74 (Ger)
- [Significance of hormonal contraceptive agents in the development of urinary calculi] Klinger G, et al. *Zentralbl Gynaekol* 96:248-53, 22 Feb 74 (Eng. Abstr.) (Ger)
- [The effect on estrogen, ACTH and cortisone administration, as well as hypophysectomy on histological changes in unilateral renal hilus ligation] László F, et al.
- Morphol Igazságügyi Orv Sz 14:8-12, Jan 74 (Eng. Abstr.) (Hun)
- [Hormonal contraception with associated estrogenoprogesterational agents] Pescetto G. *Minerva Ginecol* 26:176-9, Mar 74 (Ita)
- [Cancer of the prostate. Morbidity and mortality with estrogen therapy] Ous S, et al.
- Tidsskr Nor Laegeforen 94:748-51, 30 Apr 74 (Nor)
- [Additional hormone therapy in breast cancer] Viladiu Quemada P. *Rev Clin Esp* 132:467-72, 15 Mar 74 (Spa)
- [Estrogen treatment of women after the menopause] Furuhielm M.
- Lakartidningen 71:605-7, 13 Feb 74 (Eng. Abstr.) (Swe)
- [A long-range follow-up of effects of oral contraceptives in England] Westerholm B.
- Lakartidningen 71:2459-60, 12 Jun 74 (Swe)

ANALYSIS

- Fetal growth in relation to vaginal cytology. Harrison V, et al. *Acta Cytol (Baltimore)* 18:210-4, May-Jun 74
- Identification and determination of synthetic estrogens in pharmaceuticals by high-speed, reversed-phase partition chromatography. Roos RW. *J Pharm Sci* 63:594-9, Apr 74
- Letter: Estrogenic substances in beef. Rossmeler A. *JAMA* 229:520-1, 29 Jul 74
- Proceedings: Measurement of endogenous steroid levels in human breast tumours by mass fragmentography. Millington DS, et al.
- N Engl J Med 291:1141v, 11 Jun 74
- Estrogenic and anti-estrogenic characteristics of common Finnish fodders. Kallela K.
- Nord Vet Med 26:97-107, Feb 74
- [Presence of an estrogenic factor of fungal origin: zearalenone or F₂, as a natural contaminant in corn] Jemmali M.
- Ann Microbiol (Paris) 124:109-14, Jul 73 (Eng. Abstr.) (Fre)
- [Hormonal contraception controlled by vaginal cytology (author's transl)] Balmer JA.
- Praxis 63:486-90, 23 Apr 74 (Eng. Abstr.) (Ger)
- [Semi thin section cytochemical and immunologic autoradiographical findings on hormone metabolism of the ripe human placenta] Kaufmann P, et al.
- Verh Anat Ges 67:245-9, 1972 (Eng. Abstr.) (Ger)
- [Biological determination of LH in menogonadyl] Chojecka H, et al.
- Acta Pol Pharm 31:81-5, 1974 (Eng. Abstr.) (Pol)
- [Biological determination of FSH in menogonadyl] Chojecka H, et al.
- Acta Pol Pharm 31:87-90, 1974 (Eng. Abstr.) (Pol)

ANTAGONISTS & INHIBITORS

- Letter: Antioestrogens in treatment of breast cancer. Stoll BA. *Br Med J* 2:447, 25 May 74
- Antioestrogens in treatment of breast cancer. *Br Med J* 2:500, 1 Jun 74
- Effect of cyproterone, cyproterone acetate and ICI 46,474 on gonadal sex differentiation in *Rana esculenta*. Chieffi G, et al.
- Gen Comp Endocrinol 22:532-5, Apr 74
- Suppression of lordosis in guinea pigs by ethamoxi-triphetol (MER-25) given at long intervals

- (34-46 hr) after estradiol benzoate treatment. Feder HH, et al. *Horm Behav* 5:63-71, Mar 74
- Lordosis behavior in castrated male rats treated with estradiol benzoate or testosterone propionate in combination with an estrogen antagonist, MER-25, and in intact male rats. Södersten P, et al.
- Horm Behav* 5:13-8, Mar 74
- A new synthetic agent for the induction of ovulation. Macourt DC. *Med J Aust* 1:631-2, 20 Apr 74
- Estrogenic and anti-estrogenic characteristics of common Finnish fodders. Kallela K.
- Nord Vet Med 26:97-107, Feb 74
- Mechanisms of action of sex steroids on behavior; inhibition of estrogen-activated behavior by ethamoxi-triphetol (Mer-25), colchicine and cycloheximide. Meyerson BJ.
- Frog Brain Res* 39:135-47, 1973
- Post nidatory action of various compounds representing several pharmacological classes. DiPasquale G, et al.
- Res Commun Chem Pathol Pharmacol* 7:701-14, Apr 74
- The biological profile of a new synthetic progestagen-GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74
- The progestational and anti-estrogenic activities of some novel 11beta-substituted steroids. Gilbert HG, et al. *Steroids* 23:585-602, Apr 74
- 2Alpha, 3alpha-epithio-5alpha-androstan-17beta-YL 1-methoxycyclopentyl ether (10364-S), a new orally active anti-estrogenic steroid. Miyake T, et al.
- Steroids* 23:929-37, Jun 74

BIOSYNTHESIS

- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al.
- Am J Obstet Gynecol* 119:283-96, 1 Jun 74
- Letter: Estrogenic substances in beef. Rossmeler A. *JAMA* 229:520-1, 29 Jul 74
- The biosynthesis of estrogens by cow follicles. Lacroix E, et al. *Steroids* 23:337-56, Mar 74
- [Menstruation cycle] Bocci A.
- Minerva Ginecol* 26:76-81, Feb 74 (Ita)
- [Firm points in the physiology of the human ovary] Forleo L, et al. *Minerva Ginecol* 26:65-75, Feb 74 (Ita)

BLOOD

- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. *Acta Endocrinol (Kbh)* 75:209-20, Feb 74
- Endocrine laboratory assays in obstetrics and gynecology. Boots LR, et al.
- Acta J Med Sci* 10:445-52, Oct 73
- The evolutionary history of the corpus luteum. Browning HC. *Biol Reprod* 8:128-57, Mar 73 (156 ref.)
- The effects of phenothiazines on endocrine function: II. Effects in men and post-menopausal women. Beaumont PJ, et al. *Br J Psychiatry* 124:420-30, May 74
- Letter: Possible inhibitory effect of androgens on bone marrow suppression by cytotoxic agents—a dose-dependent phenomenon? Sadoff L, et al.
- Cancer Chemother Rep* 58:125-7, Mar-Apr 74
- Sex-hormone-binding globulin. Anderson DC.
- Clin Endocrinol (Oxf)* 3:69-96, Jan 74 (145 ref.)
- Pituitary-ovarian interrelationships in the rat. Neill JD, et al. *Curr Top Exp Endocrinol* 2:73-106, 1974
- Age and sex differences in averaged evoked responses in a normal population, with observations on patients with gonadal dysgenesis. Buchsbaum MS, et al.
- Electroencephalogr Clin Neurophysiol* 37:137-44, Aug 74
- The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al.
- J Clin Endocrinol Metab* 39:81-95, Jul 74
- Proceedings: Effect of ovarian steroids on pituitary sensitivity to luteinizing hormone releasing factor in the rat. Alier MS, et al. *J Endocrinol* 61:xii, Apr 74
- Proceedings: Uterine venous prostaglandin F and oestrogen levels during ovine parturition: acute effects of cervical stimulation. Flint AP, et al.
- J Endocrinol* 61:xxxvxxxvi, Apr 74
- The ovarian follicle of the sheep: inhibition of oestrogen secretion by luteinizing hormone. Moor RM. *J Endocrinol* 61:455-63, Jun 74
- The gonadotrophins and their releasing factors. Greep RO. *J Reprod Fertil [Suppl]* 20:1-9, Dec 73 (25 ref.)

- The testis in Cushing's syndrome. Gabrilove JL, et al. *J Urol* 112:95-9, Jul 74
- Angiofibroma: a treatment approach. Biller HF, et al. *Laryngoscope* 84:695-706, May 74
- Etiology and treatment of dysfunctional uterine bleeding. Aksel S, et al. *Obstet Gynecol* 44:1-13, Jul 74
- The ovulatory cycle. A histologic, thermal, steroid, and gonadotropin correlation. Lundy LE, et al. *Obstet Gynecol* 44:14-25, Jul 74
- [Indications for special endocrinologic diagnosis in gynecology] Breckwoldt M, et al. *Fortschr Med* 92:727-31, 13 Jun 74 (Ger)
- [Dynamics of 3 estrogen fraction values in blood of nonpregnant and pregnant women through radioimmunoassay] Kawagoe S, et al. *Clin Endocrinol (Tokyo)* 22:397-402, Mar 74 (Jap)

CEREBROSPINAL FLUID

- Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)

METABOLISM

- The therapeutic approach to hypoparathyroidism. Avioli LV. *Am J Med* 57:34-42, Jul 74 (103 ref.)
- Ovarioectomy in rats with portacaval shunts. Reduction of mammary carcinoma. O'Grady JF, et al. *Arch Surg* 109:87-8, Jul 74
- Rat alpha-fetoprotein: isolation, characterization and estrogen-binding properties. Aussel C, et al. *Biochimie* 55:1431-7, 1973
- Letter: Drugs affecting oral contraceptives. Mumford JP. *Br Med J* 2:333-4, 11 May 74
- Chromatin-associated receptors for estrogen, progesterone, and dihydrotestosterone and the induction of egg white protein synthesis in chick magnum. Palmiter RD, et al. *Cell Differ* 2:163-70, Jul 73
- Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
- Proceedings: Metabolism of steroid hormones by the human mammary gland in vivo and in vitro. Deshpande N, et al. *N Engl J Med* 291:53-4, 11 Jun 74
- Proceedings: Investigation of steroid-receptor interaction in pregnant sheep myometrium. Rossier G, et al. *N Engl J Med* 291:111x, 11 Jun 74
- Editorial: Sex and alcohol. Van Thiel DH, et al. *N Engl J Med* 291:251-3, 1 Aug 74
- The determination in human males of specific testosterone and 5alpha-dihydrotestosterone binding to sex hormone binding globulin by a differential dissociation technique. Horst HJ, et al. *Steroids* 23:833-44, Jun 74
- Affinities of progestogen and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. *Steroids* 23:909-19, Jun 74
- [Action of arginine in a recurrent hepatic coma complicating a feminizing tumor of the adrenal cortex with hepatic metastases] Imler M, et al. *Sem Hop Paris* 49:3183-90, 26 Nov 73 (Fre)
- [Letter: Estrogen deficiency and osteoporosis] Holzmänn K. *Dtsch Med Wochenschr* 99:1382-3, 21 Jun 74 (Ger)
- [Significance of hormonal contraceptive agents in the development of urinary calculi] Klinger G, et al. *Zentralbl Gynaekol* 96:248-53, 22 Feb 74 (Eng. Abstr.) (Ger)
- [Organization of an intensive pregnancy counseling service in a district hospital] Schmidt S. *Zentralbl Gynaekol* 96:373-5, 22 Mar 74 (Eng. Abstr.) (Ger)
- [Metabolism of estrogens in the adrenogenital syndrome] Serrera Contreras JL. *Rev Iber Endocrinol* 21:217-38, May 74 (Eng. Abstr.) (Spa)

PHARMACODYNAMICS

- The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al. *Acta Endocrinol [Suppl]* (Kbh) 187:3-62, 1974
- Comparison of alpha- and beta-receptor stimulation in the circular and longitudinal muscle of the oestrogen and progesterone dominated rabbit uterus. Nesheim BI. *Acta Pharmacol Toxicol (Kbh)* 34:295-304, Apr 74
- Current understanding of human prolactin physiology

and its diagnostic and therapeutic applications: a review. Fournier PJ, et al.

- Am J Obstet Gynecol* 118:337-43, 1 Feb 74 (43 ref.)
- Psychological reactions to hysterectomy: a critical review. Pollvy J.

Am J Obstet Gynecol 118:417-26, 1 Feb 74 (23 ref.)

- Experimental study on the male pattern alopecia. I. Differences between the testosterone transport protein in bald and hairy areas. Bassas E, et al. *Arch Dermatol Forsch* 248:339-46, 20 Feb 74

A review of methods and metabolic studies associated with the radiolodination of lipoproteins. Fidge N. *Clin Chim Acta* 52:5-13, Mar 74 (45 ref.)

Pituitary-ovarian interrelationships in the rat. Neill JD, et al. *Curr Top Exp Endocrinol* 2:73-106, 1974

Action of estrogenised uterine RNA on ovum implantation. Hayashi K, et al.

Endocrinol Jap 20:517-25, Oct 73

In vitro inhibition of LH release by a synthetic antagonist of LH-releasing hormone (LH-RH).

Vilchez-Martinez JA, et al.

Endocrinology 95:213-8, Jul 74

The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohypophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenerová V, et al. *Horm Metab Res* 6:208-13, May 74

Histological and biochemical changes in the rat uterus during delayed implantation. Singh MM, et al. *Indian J Exp Biol* 11:488-93, Nov 73

Precursor-product relationship between amphibian vitellogenin and the yolk proteins, lipovitellin and phosvitin. Bergink EW, et al.

J Biol Chem 249:2897-903, 10 May 74

Elevation of plasma neurophysin in women on oral contraceptives. Robinson AG.

J Clin Invest 54:209-12, Jul 74

Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al.

J Clin Invest 53:1750-4, Jun 74

Symposium on reproduction of arthropods of medical and veterinary importance. VI. Reproduction in the females of some hematophagous insects. Davey KG. *J Med Entomol* 11:40-5, 28 Mar 74 (27 ref.)

The survival of intrauterine skin autografts and allografts in sheep. Reimers TJ, et al.

J Reprod Fertil 38:465-7, Jun 74

Proceedings: Pharmacological study of prostaglandin. 3. Effect of estrogen on prostaglandin metabolism in rat uterus. Aizawa Y, et al.

Jap J Pharmacol 24:Suppl:123, 1974

Editorial: Immunological changes in women. *Lancet* 1:909-10, 11 May 74

Letter: The effect of contraceptive steroids on carbohydrate metabolism. Davidson MB.

Metabolism 23:687-90, Jul 74

Localisation of a fibroblast growth factor and its effect alone and with hydrocortisone on 3T3 cell growth. Gospodarowicz D. *Nature* 249:123-7, 10 May 74

Effects of gonadal hormones on urinary behavior in dogs. Beach FA. *Physiol Behav* 12:1005-13, Jun 74

Medical Research Council Unit on the Development and Integration of Behaviour. Hinde RA.

Psychol Med 4:225-32, May 74

The effect of exogenous progesterone on the rate of blood flow of the uterus of ovariectomized sheep. Caton D, et al. *Q J Exp Physiol* 59:225-31, Jul 74

The effect of hormones and vitamin B6 on urinary excretion of metabolites of the kynurenine pathway. Wolf H. *Scand J Clin Lab Invest* 136:1-186, 1974

The progestational and anti-estrogenic activities of some novel 11beta-substituted steroids. Gilbert HG, et al. *Steroids* 23:585-602, Apr 74

Hormonal control of oviduct growth and differentiation. O'Malley BW, et al.

Symp Soc Dev Biol 30:53-77, 1974 (32 ref.)

Effect of estrogen on serum total and free thyroxine and triiodothyronine in a thyroxine-binding globulin deficient family. Sakurada T, et al.

Tohoku J Exp Med 112:35-46, Jan 74

Influence of gonadal hormone administration and gonadal implantation on the compensatory growth of the embryonic chicken right ovary after early unilateral castration. Groenendijk-Huijbers MM.

Verh Anat Ges 67:193-6, 1972

[The in vitro formation of 5 alpha-dihydrotestosterone by the testis of *Dicoglossus pictus*] Ozon R, et al.

Gen Comp Endocrinol 23:224-36, Jun 74 (Eng. Abstr.) (Fre)

GONADS

ESTROGENS

- [Investigations on the aetiology of endometrial cancer (author's transl)] Schindler AE, et al.
Geburtshilfe Frauenheilkd 34:186-94, Mar 74 (Eng. Abstr.) (Ger)
- [Postovulatory contraception with estrogens] Nori A. Harefuah 86:244-6, 1 Mar 74 (Eng. Abstr.) (Heb)
- [Interactions between drugs used in anesthesia-resuscitation in the pre-, per- and postoperative stages and various types of drugs] Lareng L. Minerva Anestesiol 38:81-125, Feb 72 (Ita)
- [Secretion dynamics of prolactin in livestock] Kamiya T.
Clin Endocrinol (Tokyo) 22:343-51, Mar 74 (60 ref.) (Jap)
- [Relation between prolactin and breast cancer] Nagasawa H.
Clin Endocrinol (Tokyo) 22:373-9, Mar 74 (54 ref.) (Jap)
- [Estrogen treatment of women after the menopause] Furuhielm M.
Lakartidningen 71:605-7, 13 Feb 74 (Eng. Abstr.) (Swe)
- [Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI.
Ukr Biokhim Zh 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

PHYSIOLOGY

- Correlation between G-6-PDH activity of the erythrocytes and the sex chromatin frequency in the somatic cells in new-born girls. Csaba I, et al.
Biol Neonate 24:113-6, 1974
- Melatonin and the endocrine role of the pineal organ. Cardinali DP. Curr Top Exp Endocrinol 2:107-28, 1974
- Pituitary-ovarian interrelationships in the rat. Neill JD, et al. Curr Top Exp Endocrinol 2:73-106, 1974
- Hormones and neoplasia. Forrest AP.
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)
- Endocrine interactions in regulation of body weight by female rats. Stern JJ, et al.
J Comp Physiol Psychol 86:928-9, May 74
- Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al.
J Invest Dermatol 63:75-84, Jul 74 (57 ref.)
- Proceedings: Hormones and other factors controlling growth in the mammary gland: a review. Ceriani RL.
J Invest Dermatol 63:93-108, Jul 74 (215 ref.)
- Proceedings: Epidemiology of human breast cancer. Cole P. J Invest Dermatol 63:133-7, Jul 74 (33 ref.)
- Proceedings: Neuroendocrinology of lactation. Meites J. J Invest Dermatol 63:119-24, Jul 74 (27 ref.)
- Proceedings: Hormonal regulation of breast development and activity. Porter JC.
J Invest Dermatol 63:85-92, Jul 74 (77 ref.)
- Further analysis of the CNS regulation of adenohipophysial LH release: facilitation of the ovulatory LH surge by oestrogen and progesterone. Barraclough CA, et al.
J Reprod Fertil [Suppl] 20:61-96, Dec 73 (40 ref.)
- Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al.
J Reprod Fertil [Suppl] 20:43-59, Dec 73 (32 ref.)
- Scanning electron microscopy of human female genital tract. Ferenczy A, et al.
NY State J Med 74:794-802, May 74
- Perinatal effects of sex steroids on brain development and function. Gorski RA.
Prog Brain Res 39:149-63, 1973
- [Editorial: Benign mastopathies of unknown pathology] Mauvais-Jarvis P, et al.
Nouv Presse Med 3:993-4, 20 Apr 74 (Fre)
- [Characteristics of the colpocytogram of human fetuses] Solov'eva EP.
Aktuel Probl Klin Biochem 49:51-5, Jul 73 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

- Identification and determination of synthetic estrogens in pharmaceuticals by high-speed, reversed-phase partition chromatography. Roos RW.
J Pharm Sci 63:594-9, Apr 74

SECRETION

- Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al.
Arch Pathol 98:1-8, Jul 74

- The ovarian follicle of the sheep: inhibition of oestrogen secretion by luteinizing hormone. Moor RM. J Endocrinol 61:455-63, Jun 74
- [Editorial: Benign mastopathies of unknown pathology] Mauvais-Jarvis P, et al.
Nouv Presse Med 3:993-4, 20 Apr 74 (Fre)
- [Precocious menopause] Lenzi G.
Minerva Ginecol 26:186-91, Mar 74 (Ita)
- [Endocrine disorders of the fetal and placental system] Kuwabara Y.
Clin Endocrinol (Tokyo) 22:136-7, Jan 74 (Jap)
- [Hormone producing ovarian tumor] Terajima Y.
Clin Endocrinol (Tokyo) 22:124-5, Jan 74 (Jap)

THERAPEUTIC USE

- The effects of calcitonin on the metabolic disturbances surrounding widespread bony metastases. Parsons V, et al. Acta Endocrinol (Kbh) 76:286-301, Jun 74
- Normal and abnormal sexual maturation. Bryan GT.
Am Fam Physician 9:123-35, Jun 74
- Prostate carcinoma: radiation treatment of the primary and regional lymphatics. Hill DR, et al.
Cancer 34:156-60, Jul 74
- Probably monozygotic twins with discordance for Goldenhar syndrome. Papp Z, et al.
Clin Genet 5:86-90, 1974
- Cortisol and cortisol binding characteristics in girls with "cushingoid" syndrome. Krawczuk A, et al.
Endokrinologie 62:350-8, 1973
- Premature ovarian failure in a triple X female. Smith HC, et al.
J Obstet Gynaecol Br Commonw 81:405-9, May 74
- Priapism: evaluation of treatment regimens. Darwish ME, et al. J Urol 112:92-4, Jul 74
- Neurological manifestation of metastatic prostatic carcinoma. Rubin H, et al. J Urol 111:799-802, Jun 74
- Hypophysectomy in metastatic prostate cancer. Thompson JB, et al. NY State J Med 74:1006-8, Jun 74
- The determination in human males of specific testosterone and 5alpha-dihydrotestosterone binding to sex hormone binding globulin by a differential dissociation technique. Horst HJ, et al.
Steroids 23:633-44, Jun 74
- Juvenile nasopharyngeal angiofibroma. Christiansen TA, et al.
Trans Am Acad Ophthalmol Otolaryngol 78:ori140-7, May-Jun 74
- [Galactorrhea; diagnostic and therapeutic aspects] Verhoeven AT.
Ned Tijdschr Geneesk 118:864-72, 8 Jun 74 (Dut)
- [Letter: L. Dopa and bone metastases in breast cancer] Ghosian D, et al.
Nouv Presse Med 3:678, 16 Mar 74 (Fre)
- [Letter: Climacteric disorders] Staemmler HJ.
Dtsch Med Wochenschr 99:423, 1 Mar 74 (Ger)
- [Hormonal treatment of juvenile menstruation disorders] Sas M.
Fortschr Med 92:641-2, 23 May 74 (Ger)
- [New drugs: Estracyt] Urologe [A] 13:100, Mar 74 (Ger)
- ["Hairless woman", the male pseudohermaphrodite with testicular feminization] Leinzinger E.
Wien Med Wochenschr 124:443-8, 6 Jul 74 (Ger)
- [Juvenile ovarian dysfunctions and their treatment] Cittadini E. Minerva Ginecol 26:86-94, Feb 74 (Ita)
- [Drug therapy of endometriosis] Macchioni B.
Minerva Ginecol 26:180-5, Mar 74 (Ita)
- [Abnormalities of the menstruation cycle and their treatment] Maneschi M.
Minerva Ginecol 26:95-123, Feb 74 (Ita)
- [Recurrent mammary tumor] Takatani O.
Clin Endocrinol (Tokyo) 22:146-52, Jan 74 (Jap)
- [Cancer of the prostate. Morbidity and mortality with estrogen therapy] Ous S, et al.
Tidsskr Nor Laegeforen 94:748-51, 30 Apr 74 (Nor)
- [Additional hormone therapy in breast cancer] Viladiu Quemada P. Rev Clin Esp 132:487-72, 15 Mar 74 (Spa)
- [Some aspects of the use of hormonal contraceptives (a review of the literature)] Tarakhovskii ML, et al.
Pediatr Akush Ginekol 3:53-8, May-Jun 74 (Ukr)

URINE

- Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al.
Acta Endocrinol (Kbh) 76:214-34, Jun 74
- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. Acta Endocrinol (Kbh) 75:209-20, Feb 74
- Hormone and enzyme assays in pregnancy. 3. The placental cystine-aminopeptidase and the urinary

ESTROGENS

- oestrogens in pregnancies complicated with essential hypertension, mild or severe pre-eclampsia. Christensen A.
Acta Endocrinol (Kbh) 76:353-63, Jun 74
 Effects of norethisterone on pituitary and ovarian function. Collins WP, et al.
Acta Endocrinol (Kbh) 75:357-67, Feb 74
 Endocrine laboratory assays in obstetrics and gynecology. Boots LR, et al.
Ala J Med Sci 10:445-52, Oct 73
 Successful treatment of galactorrhoea and amenorrhoea and subsequent restoration of ovarian function by a new ergot alkaloid 2-brom-alpha-ergocryptine. Rolland R, et al.
Clin Endocrinol (Oxf) 3:155-66, Apr 74
 Proceedings: Are 24-h urine collections necessary for oestrogen determinations in pregnancy? Rao LG.
J Endocrinol 61:xxixxxx, Apr 74
 Changes in renal water and electrolyte excretion occurring before and after induced ovulation and their relation to total oestrogen and pregnanediol excretion. Parboosingh J, et al.
J Obstet Gynaecol Br Commonw 81:417-22, Jun 74
 Premature ovarian failure in a triple X female. Smith HC, et al.
J Obstet Gynaecol Br Commonw 81:405-9, May 74
 Editorial: Gynecomastia. Hussey HH.
JAMA 228:1423, 10 Jun 74
 Urinary excretion of steroids in a case of hydatidiform mole with ascites. Moneta E, et al.
Obstet Gynecol 44:47-52, Jul 74
 [Prepubertal and pre-ovulatory estrogen excretion in female pigs in relation to the regulation of reproduction] Schlenker G, et al.
Arch Exp Veterinaria 27:881-9, 1973 (Eng. Abstr.) (Ger)
 [Effect of an intravenous infusion of human chorionic gonadotropin (HCG) on urinary excretion of testosterone, epitestosterone and estrogens in normal man] Lehmkuhl G, et al.
Endokrinologie 62:376-86, 1973 (Eng. Abstr.) (Ger)
 [Noise-induced reactions during menstrual cycle (author's transl)] Griefahn B.
Eur J Appl Physiol 32:171-82, 5 Feb 74 (Eng. Abstr.) (Ger)
 [Hormone-analytic methods in gynecological endocrinology] Breckwoldt M, et al.
Fortschr Med 92:725-6, 13 Jun 74 (Ger)
 [Feminizing tumors of the testes] Pawlikowski T, et al.
Endokrynol Pol 25:147-52, Mar-Apr 74 (Eng. Abstr.) (Pol)
 [Retrospective evaluation of the applicability of determining urinary excretion of estrogens in women with clinical symptoms of fetal threat] Frackiewicz S, et al.
Ginek Pol 45:555-61, May 74 (Eng. Abstr.) (Pol)
 [Diagnostic value of quantitative determination of estrogens in protracted pregnancy] Frackiewicz S, et al.
Ginek Pol 45:691-6, Jun 74 (Eng. Abstr.) (Pol)
 [Amount of excreted estrogens in relation to creatinine concentration in single urine samples in pregnant women with late toxemia syndrome and chronic hypertension] Frackiewicz S, et al.
Ginek Pol 45:415-22, Apr 74 (Eng. Abstr.) (Pol)
 [Pubertal-adolescent dyspituitarism in girls] Mirmanova RP, et al.
Aktuel Probl Klin Biochem 49:64-7, Jul 73 (Rus)
 [Excretion of estrogens and pregnanediol in women with hydatid mole treated with methotrexate] Skriuchenkova VA, et al.
Akush Ginek (Mosk) 49:68-9, Nov 73 (Rus)
 [Some changes in ovarian functions in women who have been in contact with organochlorine compounds]
 [Clinical characteristics of the patients and the endocrine disturbances in inflammation of the uterine adnexa] Koreneva GP, et al.
Pediatr Akush Ginek 3:53-6, 1973 (Ukr)

ESTRONE

- Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Oakley RE, et al.
Clin Endocrinol (Oxf) 3:131-48, Apr 74
 Plasma concentration of LH, FSH, prolactin, progesterone and estradiol-17beta throughout the 4-day estrous cycle of the rat. Butcher RL, et al.
Endocrinology 94:1704-8, Jun 74
 Loss of sexual activity in rabbits actively immunized

GONADS

- with testosterone. Nieschlag E, et al.
Experientia 30:434-5, 15 Apr 74
 Temporal variations of testosterone levels in the peripheral blood plasma of men. Rowe PH, et al.
J Endocrinol 61:63-73, Apr 74
 Steroid sulfatase activities in human breast tumors. Dao TL, et al.
Proc Soc Exp Biol Med 146:381-4, Jun 74
 Specificities of antisera against estrogens linked to albumin at different positions (C6, C11, C16, C17). Hollander FC den, et al.
Steroids 23:549-60, Apr 74
 Preparation of 3-deoxy-3-deuteroestrone and 3-deoxy-4-14C-estrone. Williams KI, et al.
Steroids 23:731-9, May 74

ADMINISTRATION & DOSAGE

- [The effect on estrogen, ACTH and cortisone administration, as well as hypophysectomy on histological changes in unilateral renal hilus ligation] László F, et al.
Morphol Igazságügyi Orv Sz 14:8-12, Jan 74 (Eng. Abstr.) (Hun)

BIOSYNTHESIS

- Estrogen production and its origin in men with gonadotropin-producing neoplasms. Kirschner MA, et al.
J Clin Endocrinol Metab 39:112-8, Jul 74

BLOOD

- Radiolimmunoassay of estrone and estradiol in the peripheral plasma of the domestic fowl in various physiological states and of hypophysectomized and ovariectomized fowls. Senior BE.
Acta Endocrinol (Kbh) 75:133-40, Jan 74
 Adrenal contribution to plasma estrogens in adrenal disorders. Yuen BH, et al.
Acta Endocrinol (Kbh) 76:117-26, May 74
 Peripheral plasma levels of estrone and progesterone in pregnant pigs treated with dexamethasone. Bosu WT, et al.
Acta Vet Scand 15:111-9, 1974
 On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al.
Am J Obstet Gynecol 119:283-96, 1 Jun 74
 The concentrations of progesterone, estrone and estradiol-17beta in the myometrium of the pregnant rabbit and their relationship to the peripheral plasma steroid concentrations. Challis JR, et al.
Endocrinology 95:160-4, Jul 74
 Possible age-dependent influence of estrogens on the binding of testosterone in plasma of adult men. Kley HK, et al.
Horm Metab Res 6:213-6, May 74
 Unconjugated estrone, estradiol and FSH and LH in prepubertal and pubertal males and females. Angsusingha K, et al.
J Clin Endocrinol Metab 39:63-8, Jul 74
 Blood production and ovarian secretion rates of estradiol-17 beta and estrone in women throughout the menstrual cycle. Baird DT, et al.
J Clin Endocrinol Metab 38:1009-17, Jun 74
 Serum steroid levels following a large intravenous dose of a steroid sulfate precursor during the second trimester of human pregnancy. I. Dehydroepiandrosterone sulfate. Buster JE, et al.
J Clin Endocrinol Metab 38:1031-7, Jun 74
 Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism. Job JC, et al.
J Clin Endocrinol Metab 38:1109-14, Jun 74
 Radiolimmunoassay of estrone, estradiol-17alpha and -17beta in bovine plasma during the oestrous cycle and last stages of pregnancy. Dobson H, et al.
J Endocrinol 61:479-86, Jun 74
 The extraction of estrogens, and the rate of secretion of estrone and estradiol-17beta by the uterus in the pregnant sheep. Challis JR, et al.
N Engl J Med 291:277-84, 11 Jun 74
 Plasma hormone profiles following high-dose intraamniotic prostaglandin F2alpha. Craft I, et al.
Obstet Gynecol 44:135-41, Jul 74
 The ovulatory cycle. A histologic, thermal, steroid, and gonadotropin correlation. Lundy LE, et al.
Obstet Gynecol 44:14-25, Jul 74
 Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al.
Obstet Gynecol 44:42-6, Jul 74

The uptake of radioactivity by the uterus of the rabbit following the systemic administration of (3H) estradiol-17beta and (3H) estrone and the identification and subcellular localization of radiometabolites in the uterus. Gabb RG, et al. *Steroids* 23:879-93, Jun 74

In vivo studies on the metabolism of estrone and estradiol-17beta by the brain. Kazama N, et al. *Steroids* 23:469-81, Apr 74

A non-chromatographic radioimmunoassay of estrone and estradiol-17beta serum. Kushinsky S, et al. *Steroids* 23:535-48, Apr 74

Changes in plasma levels of estrone sulfate and estrone in the pregnant ewe around parturition. Tsang CP. *Steroids* 23:855-68, Jun 74

CHEMICAL SYNTHESIS

Catechol estrogen methylene ethers. Femino AM, et al. *Steroids* 23:869-78, Jun 74

Preparation of 3-deoxy-3-deuteroestrone and 3-deoxy-4-14C-estrone. Williams KI, et al. *Steroids* 23:731-9, May 74

ISOLATION & PURIFICATION

Changes in plasma levels of estrone sulfate and estrone in the pregnant ewe around parturition. Tsang CP. *Steroids* 23:855-68, Jun 74

METABOLISM

Comparative study on the binding of estrogens by human and rat serum proteins in development. Nunez E, et al.

Biochem Biophys Res Commun 57:126-33, 15 Mar 74

Evidence of the direct aromatization of testosterone and different aromatization sites for testosterone and androstenedione in human placental microsomes. Bellino FL, et al. *Biochemistry* 13:1925-31, 23 Apr 74

Rat alpha-fetoprotein: Isolation, characterization and estrogen-binding properties. Aussel C, et al. *Biochimie* 55:1431-7, 1973

The concentrations of progesterone, estrone and estradiol-17beta in the myometrium of the pregnant rabbit and their relationship to the peripheral plasma steroid concentrations. Challis JR, et al.

Endocrinology 95:160-4, Jul 74

On the mechanism of conversion of circulating delta4-androstene-3, 17-dione to estrone: stereochemistry of the elimination of hydrogen from ring A. Kelly WG. *Endocrinology* 95:308-10, Jul 74

Proceedings: Specificity of oestradiol high-affinity binding in cytosol from the brain and pituitary of the rat. Ginsburg M, et al. *J Endocrinol* 61:23-4, Apr 74

The extraction of oestrogens, and the rate of secretion of estrone and estradiol-17beta by the uterus in the pregnant sheep. Challis JR, et al.

N Engl J Med 291:277-84, 11 Jun 74

The uptake of radioactivity by the uterus of the rabbit following the systemic administration of (3H) estradiol-17beta and (3H) estrone and the identification and subcellular localization of radiometabolites in the uterus. Gabb RG, et al. *Steroids* 23:879-93, Jun 74

In vivo studies on the metabolism of estrone and estradiol-17beta by the brain. Kazama N, et al. *Steroids* 23:469-81, Apr 74

PHARMACODYNAMICS

Ultrastructural changes of rat blastocysts induced by estrogen during delayed implantation. Wu JT, et al. *Anat Rec* 179:253-72, Jun 74

Possible age-dependent influence of estrogens on the binding of testosterone in plasma of adult men. Kley HK, et al. *Horm Metab Res* 6:213-6, May 74

The effects of oestrus and exogenous oestrogens on milk secretion in the goat. Peaker M, et al. *N Engl J Med* 291:231-40, 11 Jun 74

[Study of the action of certain hormonal and enzymatic preparations in early termination of pregnancy, caused by the administration of heterologous placental protein in experimental studies] Bullenko SD, et al.

Akush Ginekolog (Mosk) 49:8-11, Nov 73 (Eng. Abstr.) (Rus)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al.

Ukr Biokhim Zh 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al.

Ukr Biokhim Zh 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

PHYSIOLOGY

Electrical stimulation of forebrain structures and its effect on copulatory as well as stimulus-bound behavior in ovariectomized hormone-primed rats. Moss RL, et al. *Physiol Behav* 12:997-1004, Jun 74

SECRETION

Blood production and ovarian secretion rates of estradiol-17 beta and estrone in women throughout the menstrual cycle. Baird DT, et al.

J Clin Endocrinol Metab 38:1009-17, Jun 74

The extraction of oestrogens, and the rate of secretion of estrone and estradiol-17beta by the uterus in the pregnant sheep. Challis JR, et al.

N Engl J Med 291:277-84, 11 Jun 74

URINE

Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al.

Acta Endocrinol (Kbh) 76:214-34, Jun 74

Urinary excretion of estrone and estradiol-17alpha in cows with cystic ovaries. Lunaas T, et al.

Acta Endocrinol (Kbh) 75:350-6, Feb 74

Low dose lynestrenol as a contraceptive influence on ovarian function. Järvinen PA, et al.

Ann Clin Res 6:109-14, Apr 74

The effect of hypophyseal hormones and human chorionic gonadotrophin (HCG) on the anencephalic fetal adrenal cortex and on parturition in the human. Honnebler WJ, et al.

J Obstet Gynaecol Br Commonw 81:423-38, Jun 74

Proceedings: Plasma estradiol and progesterone estimations in the monitoring of the induction of ovulation by human menopausal gonadotrophin and human chorionic gonadotrophin. McGarrigle HH, et al.

N Engl J Med 291:xxxxlxxxll, 11 Jun 74

The urinary excretion of oestrogens in cows treated with a synthetic gestagen (chlormadinone-acetate, CAP) for the control of oestrus. Lunaas T, et al.

Nord Vet Med 25:28-32, Jan 73

Catechol estrogen methylene ethers. Femino AM, et al. *Steroids* 23:869-78, Jun 74

[Metabolism of estrogens in the adrenogenital syndrome] Serrera Contreras JL. *Rev Iber Endocrinol* 21:217-38, May 74 (Eng. Abstr.) (Spa)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

PHYSIOLOGY

Electrical stimulation of forebrain structures and its effect on copulatory as well as stimulus-bound behavior in ovariectomized hormone-primed rats. Moss RL, et al. *Physiol Behav* 12:997-1004, Jun 74

SECRETION

Blood production and ovarian secretion rates of estradiol-17 beta and estrone in women throughout the menstrual cycle. Baird DT, et al. *J Clin Endocrinol Metab* 38:1009-17, Jun 74

The extraction of oestrogens, and the rate of secretion of estrone and estradiol-17beta by the uterus in the pregnant sheep. Challis JR, et al. *N Engl J Med* 291:277-84, 11 Jun 74

URINE

Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al. *Acta Endocrinol (Kbh)* 76:214-34, Jun 74

Urinary excretion of estrone and estradiol-17alpha in cows with cystic ovaries. Lunaas T, et al. *Acta Endocrinol (Kbh)* 75:350-6, Feb 74

Low dose lynestrenol as a contraceptive influence on ovarian function. Järvinen PA, et al. *Ann Clin Res* 6:109-14, Apr 74

The effect of hypophyseal hormones and human chorionic gonadotrophin (HCG) on the anencephalic fetal adrenal cortex and on parturition in the human. Honnebler WJ, et al. *J Obstet Gynaecol Br Commonw* 81:423-38, Jun 74

Proceedings: Plasma estradiol and progesterone estimations in the monitoring of the induction of ovulation by human menopausal gonadotrophin and human chorionic gonadotrophin. McGarrigle HH, et al. *N Engl J Med* 291:xxxxlxxxll, 11 Jun 74

The urinary excretion of oestrogens in cows treated with a synthetic gestagen (chlormadinone-acetate, CAP) for the control of oestrus. Lunaas T, et al. *Nord Vet Med* 25:28-32, Jan 73

Catechol estrogen methylene ethers. Femino AM, et al. *Steroids* 23:869-78, Jun 74

[Metabolism of estrogens in the adrenogenital syndrome] Serrera Contreras JL. *Rev Iber Endocrinol* 21:217-38, May 74 (Eng. Abstr.) (Spa)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh* 46:289-91, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of amino acids, hormones and actinomycin D on the aminotransferase activity of unfertilized loach (*Misgurnus fossilis*) roe] Kusen' SI, et al. *Ukr Biokhim Zh* 45:565-9, Sep-Oct 73 (Eng. Abstr.) (Ukr)

[Study of the effect of glucose, lactate, fumarate and hormones on the enzymatic activity of the initial stages of glycolysis and on the pentosephosphate cycle in unfertilized eggs of the loach (*Misgurnus fossilis*)] Kusen' SI, et al. *Ukr Biokhim Zh* 46:389-92, May-Jun 74 (Eng. Abstr.) (Ukr)

[Effect of estrogens on the processes of experimental embryogenesis] Oshovskala TT, et al. *Pediatr Akush Ginekolog* 3:47-9, 1973 (Ukr)

[Interrelationship between the level of estrogenic hormones in the body and the activity of the hyaluronidase enzyme system] Rozumenko MB, et al. *Pediatr Akush Ginekolog* 3:44-7, 1973 (Ukr)

[Oxidation processes in the uterine muscle on the administration of estrogens] Gushtan VI. *Ukr Biokhim Zh*

- contraceptive. Woutersz TB.
Curr Med Res Opin 2:95-100, 1974
 A double-blind comparison of two oral contraceptives containing 50 µg. and 30 µg. ethinyl estradiol. Dionne P, et al. *Curr Ther Res* 16:281-8, Apr 74
 Further investigations concerning bisecurin, a peroral contraceptive of low hormonal contents. Bencsik A. *Ther Hung* 21:79-81, 1973
 [Ovostat 22, a new oral contraceptive] Himmelsbach H. *Med Welt* 25:108-8, 18 Jan 74 (Ger)

ADVERSE EFFECTS

- Clinical assessment of a low-dose oestrogen, low-dose progestogen combined oral contraceptive. Allen HH. *Curr Med Res Opin* 2:101-8, 1974
 A new low-oestrogen, low-progestogen combined oral contraceptive. Woutersz TB.
Curr Med Res Opin 2:95-100, 1974
 A double-blind comparison of two oral contraceptives containing 50 µg. and 30 µg. ethinyl estradiol. Dionne P, et al. *Curr Ther Res* 16:281-8, Apr 74
 Effect of oral contraceptives on acne. Barranco VP, et al. *South Med J* 67:703-6, Jun 74
 Oral contraceptive medication and glucose metabolism: long-term treatment. Semmer JR, et al. *South Med J* 67:664-6, Jun 74
 [Severe hypertension with cardiac failure and nephroclerosis after oral contraceptives (author's transl)] Girndt J, et al.
Dtsch Med Wochenschr 99:404-7, 1 Mar 74 (Eng. Abstr.) (Ger)

ANALYSIS

- Colorimetric determination of ethinyl estradiol in oral contraceptive formulations. Wu JY.
J Assoc Off Anal Chem 57:747-51, May 74
 Colorimetric determination of methyltestosterone in some multivitamin preparations. Yassa DA, et al.
Pharmazie 28:791, Nov-Dec 73

METABOLISM

- Letter: Rifampicin and oral contraception. Bolt HM, et al. *Lancet* 1:1280-1, 22 Jun 74
 [Hormonal dependency of gamma-glutamyl transpeptidase (author's transl)] Feldmann HU, et al.
Dtsch Med Wochenschr 99:1171-4, 31 May 74 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

- Stimulation by steroids and age-dependent changes of L-cystine arylamidase activity in the hypothalamus of the rat. Kuhl H, et al.
Acta Endocrinol (Kbh) 76:15-23, May 74
 Sex steroids stimulate the activity of hypothalamic arylamidases in the rat. Kuhl H, et al.
Acta Endocrinol (Kbh) 76:1-14, May 74
 The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. Schwartz U, et al.
Acta Endocrinol (Kbh) 76:159-71, May 74
 The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al.
Acta Endocrinol [Suppl] (Kbh) 187:3-62, 1974
 Progestational agents and blood coagulation. VI. Relationship of ABO blood types to changes induced by oral contraceptives. Lillie MA, et al.
Am J Obstet Gynecol 119:406-10, 1 Jun 74
 Progestational agents and blood coagulation. V. Changes induced by sequential oral contraceptive therapy. Mink IB, et al.
Am J Obstet Gynecol 119:401-5, 1 Jun 74
 Physicochemical properties of plasma renin substrate in normal, biphorectomized, and estrogen-treated rats. Menard J, et al. *Am J Physiol* 226:1434-7, Jun 74
 Letter: Thromboembolism and oral contraceptives. Aasted B, et al. *Br Med J* 2:333, 11 May 74
 Letter: Effects of oral contraceptives on endogenous hormone secretion. Elstein M, et al.
Br Med J 2:222, 27 Apr 74
 Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)
 The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin

- levels in normal subjects. Franchimont P, et al.
Clin Endocrinol (Oxf) 3:27-39, Jan 74
 The TSH, FSH and prolactin responses to continuous infusions of TRH and the effects of oestrogen administration in normal males. Mortimer CH, et al.
Clin Endocrinol (Oxf) 3:97-103, Apr 74
 A double-blind comparison of two oral contraceptives containing 50 µg. and 30 µg. ethinyl estradiol. Dionne P, et al. *Curr Ther Res* 16:281-8, Apr 74
 The effect of long-term oral treatment of rats with contraceptive steroids on tissue MAO. Marchi M, et al.
Eur J Pharmacol 25:407-10, Mar 74
 Gonadotropins and preantral follicular maturation in women. Ross GT.
Fertil Steril 25:522-43, Jun 74 (85 ref.)
 Blood platelet biochemistry in women receiving steroid contraceptives. Briggs M.
Haematologia (Budap) 7:347-67, 1973
 Modulation of pituitary responsiveness to LRF by estrogen. Yen SS, et al.
J Clin Endocrinol Metab 39:170-7, Jul 74
 Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al.
J Clin Invest 53:1750-4, Jun 74
 Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al.
J Reprod Fertil [Suppl] 20:137-61, Dec 73
 Letter: Rifampicin and oral contraception. Bolt HM, et al. *Lancet* 1:1280-1, 22 Jun 74
 Metabolic effects of oral contraceptives in monkeys fed on adequate and low protein diets.
Nutr Rev 32:149-52, May 74 (8 ref.)
 DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al.
Proc Soc Exp Biol Med 146:401-5, Jun 74
 Platelet factor 4 (PF-4). A study on methodology and physiology. Gjesdal K. *Scand J Haematol* 12:51-9, 1974
 Studies on plasma coagulation and fibrinolysis during oral contraception of various types with special reference to cold activation of factor VII. Gjonness H, et al. *Scand J Haematol* 12:232-40, 1974

THERAPEUTIC USE

- Improved plasma testosterone assay by competitive protein binding and clinical availability. Frick J.
Invest Urol 12:27-9, Jul 74
 The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al.
J Clin Endocrinol Metab 39:81-95, Jul 74
 Zinc and beta-glucuronidase in the human prostate. Müntzing J, et al. *Scand J Urol Nephrol* 8:87-90, 1974
 [Primary increase of fibrinolysis in a patient with metastatic carcinoma of the prostate (author's transl)] Hiller E, et al.
Med Klin 69:757-60, 26 Apr 74 (Eng. Abstr.) (Ger)

ETHYLESTRENOL

ADMINISTRATION & DOSAGE

- Comparative effects of platelet adhesiveness by phenformin combined with ethylestrenol or stanozolol. Chakrabarti R.
Acta Univ Carol [Med Monogr] (Praha) 53:261-2, 1972
 Fibrinolytic therapy for vasculitis of atrophie blanche. Gilliam JN, et al. *Arch Dermatol* 109:664-7, May 74
 Pharmacological fibrinolysis in diabetes mellitus. Chakrabarti R, et al. *Diabetologia* 10:19-22, Feb 74

PHARMACODYNAMICS

- Comparative effects of platelet adhesiveness by phenformin combined with ethylestrenol or stanozolol. Chakrabarti R.
Acta Univ Carol [Med Monogr] (Praha) 53:261-2, 1972
 Protection by catatoxic steroids against the paralysis caused by combined treatment with thyroxine and methylphenidate. Selye H, et al.
Neuropharmacology 11:693-6, Sep 72

THERAPEUTIC USE

- Fibrinolytic therapy for vasculitis of atrophie blanche. Gilliam JN, et al. *Arch Dermatol* 109:664-7, May 74

ETHYNODIOL DIACETATE

Blood platelet biochemistry in women receiving steroid contraceptives. Briggs M.
Haematologia (Budap) 7:347-67, 1973
Controlled drug release from polymeric delivery devices. II. Differentiation between partition-controlled and matrix-controlled drug release mechanisms. Chien YW, et al.
J Pharm Sci 63:515-9, Apr 74

ADMINISTRATION & DOSAGE

Further investigations concerning blsecurin, a peroral contraceptive of low hormonal contents. Bencsik A.
Ther Hung 21:79-81, 1973

ADVERSE EFFECTS

Liver hamartomas in patients on oral contraceptives. O'Sullivan JP, et al. Br Med J 2:7-10, 6 Jul 74
Effect of oral contraceptives on acne. Barranco VP, et al. South Med J 67:703-6, Jun 74

ANALYSIS

Analysis of steroids. XXIV. A specific method for the spectrophotometric determination of 17-ethynyl steroids. Szepesi G, et al. Analyst 99:218-21, Apr 74

METABOLISM

Affinities of progesterone and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. Steroids 23:909-19, Jun 74

PHARMACODYNAMICS

The effects of mechanical and steroid contraceptive methods on blood pressure in hypertensive women. Spellacy WN, et al. Fertil Steril 25:467-70, Jun 74
Metabolic effects of oral contraceptives in monkeys fed on adequate and low protein diets.
Nutr Rev 32:149-52, May 74 (8 ref.)

THERAPEUTIC USE

The effects of mechanical and steroid contraceptive methods on blood pressure in hypertensive women. Spellacy WN, et al. Fertil Steril 25:467-70, Jun 74
[Some aspects of the use of hormonal contraceptives (a review of the literature)] Tarakhovskii ML, et al. Pediatr Akush Ginekol 3:53-8, May-Jun 74 (Ukr)

FERTILITY AGENTS

A new synthetic agent for the induction of ovulation. Macourt DC. Med J Aust 1:631-2, 20 Apr 74

THERAPEUTIC USE

[Treatment of oligospermia with mesterolone] Zuckerman A, et al.
Harefuah 86:309-11, 15 Mar 74 (Eng. Abstr.) (Heb)

FLUOROMETHOLONE

METABOLISM

Permeability of the isolated rabbit cornea to corticosteroids. Hull DS, et al.
Invest Ophthalmol 13:457-9, Jun 74

THERAPEUTIC USE

Cancer of the gastrointestinal tract. Chemotherapy. Moertel CG. JAMA 228:1290-1, 3 Jun 74

FLUOXYMESTERONE

ADMINISTRATION & DOSAGE

Letter: Androgen role in erythroleukemia after treatment with alkylating agents. Ruffner BW. Ann Intern Med 81:118-9, Jul 74
2Alpha, 3alpha-epithio-5alpha-androstan-17beta-YL 1-methoxycyclopentyl ether (10364-S), a new orally active anti-estrogenic steroid. Miyake T, et al. Steroids 23:929-37, Jun 74

PHARMACODYNAMICS

2Alpha, 3alpha-epithio-5alpha-androstan-17beta-YL 1-methoxycyclopentyl ether (10364-S), a new orally active anti-estrogenic steroid. Miyake T, et al. Steroids 23:929-37, Jun 74

THERAPEUTIC USE

Symptomatic endometriosis in teen-agers. A reappraisal. Bullock JL, et al.
Obstet Gynecol 43:896-900, Jun 74

HEXESTROL

ADMINISTRATION & DOSAGE

Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al.
Invest Urol 12:43-9, Jul 74

ADVERSE EFFECTS

Abnormality in hepatic lipids of a patient having taken coraigil, (hexestrol bis (beta-diethylaminoethyl ether)) for a long period. Taketomi T, et al. Jap J Exp Med 44:133-43, Apr 74
Bis-(monoacylglyceryl)phosphate and acyl phosphatidylglycerol isolated from human livers of lipidosis induced by 4,4'-diethylaminoethoxyhexestrol. Kasama K, et al. Lipids 9:235-43, Apr 74

ANALYSIS

Identification and determination of synthetic estrogens in pharmaceuticals by high-speed, reversed-phase partition chromatography. Roos RW. J Pharm Sci 63:594-9, Apr 74

METABOLISM

Bis-(monoacylglyceryl)phosphate and acyl phosphatidylglycerol isolated from human livers of lipidosis induced by 4,4'-diethylaminoethoxyhexestrol. Kasama K, et al. Lipids 9:235-43, Apr 74

PHARMACODYNAMICS

Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al.
Invest Urol 12:43-9, Jul 74

THERAPEUTIC USE

Improved plasma testosterone assay by competitive protein binding and clinical availability. Frick J. Invest Urol 12:27-9, Jul 74
Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al.
Invest Urol 12:43-9, Jul 74

HYDROXYPREGNENOLONE

ANALYSIS

Simultaneous estimation of pregnenolone, 17-hydroxypregnenolone and dehydroepiandrosterone by gas-liquid radiochromatography. Nice E, et al.
Anal Biochem 59:399-406, Jun 74

BIOSYNTHESIS

Free cell suspensions from rat placental tissue: metabolism of pregnenolone-4-14C and progesterone-4-14C. Dzladkowiec I, et al. Experientia 30:438-9, 15 Apr 74
Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. Laatikainen TJ, et al. J Clin Invest 53:1709-15, Jun 74
The biosynthesis of estrogens by cow follicles. Lacroix E, et al. Steroids 23:337-56, Mar 74
[Identification of the hydroxylated derivatives of pregnenolone synthesized in the adrenal

mitochondria of swine] Pivnitskiĭ KK, et al.
Vopr Med Khim 20:314-8, May 74 (Eng. Abstr.) (Rus)

BLOOD

Serum steroid levels following a large intravenous dose of a steroid sulfate precursor during the second trimester of human pregnancy. II. Pregnenolone sulfate. Buster JE, et al.
J Clin Endocrinol Metab 38:1038-45, Jun 74
Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. Laatikainen TJ, et al.
J Clin Invest 53:1709-15, Jun 74

METABOLISM

Metabolism of pregnenolone and pregnenolone sulphate in human foetal liver tissue in vitro. Huhtaniemi I. Acta Endocrinol (Kbh) 76:525-38, Jul 74
Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al.
Invest Urol 12:43-9, Jul 74
[Identification of the hydroxylated derivatives of pregnenolone synthesized in the adrenal mitochondria of swine] Pivnitskiĭ KK, et al.
Vopr Med Khim 20:314-8, May 74 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hipkin LJ. Acta Endocrinol (Kbh) 75:141-7, Jan 74
Effect of 17 alpha-hydroxypregnenolone on spermatogenesis and fertility of rats. Sud NK, et al.
Indian J Exp Biol 11:484-7, Nov 73

HYDROXYPROGESTERONE

ADMINISTRATION & DOSAGE

Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al.
Endocrinology 94:1519-24, Jun 74

ADVERSE EFFECTS

The incidence and histogenesis of vaginal adenosis. An autopsy study. Kurman RJ, et al.
Hum Pathol 5:285-76, May 74

ANALYSIS

An assessment of the possible role of 17alpha,20alpha-dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. Bruijn HW de, et al.
J Endocrinol 61:401-10, Jun 74

BIOSYNTHESIS

Biosynthesis of steroids from (14C)cholesterol, (3H) progesterone and (3H)pregnenolone by human adrenal carcinoma tissue. Nishida S, et al.
Clin Chim Acta 52:97-103, Mar 74

BLOOD

Effects of norethisterone on pituitary and ovarian function. Collins WP, et al.
Acta Endocrinol (Kbh) 75:357-67, Feb 74
Serum steroid levels following a large intravenous dose of a steroid sulfate precursor during the second trimester of human pregnancy. II. Pregnenolone sulfate. Buster JE, et al.
J Clin Endocrinol Metab 38:1038-45, Jun 74
Testicular endocrine function in a pubertal boy with 3beta-hydroxysteroid dehydrogenase deficiency. Jänne O, et al. J Clin Endocrinol Metab 39:206-9, Jul 74
Plasma hormone profiles following high-dose intraamniotic prostaglandin F2alpha. Craft I, et al.
Obstet Gynecol 44:135-41, Jul 74
Effects of prostaglandin F2alpha on human corpora lutea. An enzyme histochemical, ultrastructural, and hormonal study. Okamura H, et al.
Obstet Gynecol 44:127-34, Jul 74
[Determination of 17-alpha hydroxyprogesterone in plasma using competitive protein binding] Roux H, et al.
Ann Biol Clin (Paris) 32:85-9, 1974 (Eng. Abstr.) (Fre)

CEREBROSPINAL FLUID

Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. J Reprod Fertil [Suppl] 20:11-25, Dec 73 (44 ref.)

ISOLATION & PURIFICATION

Conversion of labelled cholesterol to neutral steroids by human ovaries perfused in vivo. Dell'Acqua S, et al.
Acta Endocrinol (Kbh) 75:368-78, Feb 74

METABOLISM

In vitro metabolism of steroid hormones by chicken brain. Nakamura T, et al.
Acta Endocrinol (Kbh) 75:410-6, Feb 74
Characteristics of the nuclear and microsomal steroid delta-4-5 alpha-hydrogenase of the rat prostate. Nozu K, et al. Acta Endocrinol (Kbh) 76:608-24, Jul 74
New potent inhibitors of 3beta-hydroxy-delta 5-steroid oxidoreductase with short duration of action. Begue RJ, et al. Endocrinology 95:238-46, Jul 74
Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al.
Invest Urol 12:43-9, Jul 74
The ACTH-enhanced conversion of 118-hydroxyprogesterone to corticosterone in the adrenal glands of fetal rhesus monkeys (Macaca mulatta). Kittinger GW. Steroids 23:639-50, May 74
Affinities of progestogen and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. Steroids 23:909-19, Jun 74

PHARMACODYNAMICS

The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al.
Acta Endocrinol [Suppl] (Kbh) 187:3-62, 1974
Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al.
Endocrinology 94:1519-24, Jun 74

PHYSIOLOGY

Pituitary-ovarian interrelationships in the rat. Neill JD, et al. Curr Top Exp Endocrinol 2:73-106, 1974

SECRETION

Secretion of 16alpha-hydroxyprogesterone and other steroids by the adult human adrenal. Ramseyer J, et al. J Clin Endocrinol Metab 39:102-7, Jul 74

LYNESTRENOL

ADMINISTRATION & DOSAGE

Low dose lynestrenol as a contraceptive influence on ovarian function. Järvinen PA, et al.
Ann Clin Res 6:109-14, Apr 74
[Ovostat 22, a new oral contraceptive] Himmelsbach H. Med Welt 25:106-8, 18 Jan 74 (Ger)

ADVERSE EFFECTS

Liver hamartomas in patients on oral contraceptives. O'Sullivan JP, et al. Br Med J 2:7-10, 6 Jul 74
[Severe hypertension with cardiac failure and nephrosclerosis after oral contraceptives (author's transl)] Girndt J, et al.
Dtsch Med Wochenschr 99:404-7, 1 Mar 74 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al.
Acta Endocrinol [Suppl] (Kbh) 187:3-62, 1974
Low dose lynestrenol as a contraceptive influence on ovarian function. Järvinen PA, et al.
Ann Clin Res 6:109-14, Apr 74
Gonadotropins and preantral follicular maturation in

women. Ross GT.
Fertil Steril 25:522-43, Jun 74 (85 ref.)
 Blood platelet biochemistry in women receiving steroid
 contraceptives. Briggs M.
Haematologia (Budap) 7:347-87, 1973
 Endocervical changes with the use of synthetic
 steroids. Mingeot R, et al.
Obstet Gynecol 44:53-9, Jul 74

THERAPEUTIC USE

[Hormonal treatment of juvenile menstruation
 disorders] Sas M.
Fortschr Med 92:641-2, 23 May 74 (Ger)
 [Some aspects of the use of hormonal contraceptives (a
 review of the literature)] Tarakhovskii ML, et al.
Pediatr Akush Ginekol 3:53-8, May-Jun 74 (Ukr)

MEDROXYPROGESTERONE

Hormonal contraception. Dorfman RI.
Life Sci 14:827-35, 1 Mar 74 (23 ref.)

ADMINISTRATION & DOSAGE

Delayed postpartum sterilization. Mowat J.
Br Med J 2:306-8, 11 May 74
 Blood platelet biochemistry in women receiving steroid
 contraceptives. Briggs M.
Haematologia (Budap) 7:347-87, 1973
 Use of progestational agents in endometrial
 adenocarcinoma. Rozler JC Jr, et al.
Obstet Gynecol 44:60-4, Jul 74
 Radioimmunoassay for medroxyprogesterone acetate
 (Provera) using the 11alpha-hydroxy succinyl
 conjugate. Royer ME, et al. **Steroids** 23:713-30, May 74
 [Comments on the use of MPA 150 in a Family Planning
 Center] Mollitor MP.
Bull Soc Sci Med Grand Duche Luxemb 111:49-53, Apr
 74 (Fre)
 [A parenteral monthly contraceptive (preliminary
 report)] Rubio Lotvin B, et al.
Ginecol Obstet Mex 35:257-61, Mar 74 (Eng. Abstr.)
 (Spa)

ADVERSE EFFECTS

The incidence and histogenesis of vaginal adenosis. An
 autopsy study. Kurman RJ, et al.
Hum Pathol 5:265-76, May 74
 Letter: Oral contraceptives and vitamin nutrition.
 Briggs M. **Lancet** 1:1234-5, 15 Jun 74
 [Comments on the use of MPA 150 in a Family Planning
 Center] Mollitor MP.
Bull Soc Sci Med Grand Duche Luxemb 111:49-53, Apr
 74 (Fre)

BLOOD

The treatment of advanced prostatic carcinoma with
 medroxyprogesterone. Rafia S, et al.
Curr Ther Res 16:261-7, Apr 74
 Radioimmunoassay for medroxyprogesterone acetate
 (Provera) using the 11alpha-hydroxy succinyl
 conjugate. Royer ME, et al. **Steroids** 23:713-30, May 74

METABOLISM

Radioimmunoassay for medroxyprogesterone acetate
 (Provera) using the 11alpha-hydroxy succinyl
 conjugate. Royer ME, et al. **Steroids** 23:713-30, May 74
 Affinities of progestogen and estrogen receptors in
 rabbit uterus for synthetic progestogens. Terenius L.
Steroids 23:909-19, Jun 74

PHARMACODYNAMICS

The sialic acid content in mouse female reproductive
 organs as a quantitative parameter for testing the
 estrogenic and antiestrogenic effect, antiestrogenic
 depot effect, and dissociated effect of estrogens on
 the uterus and vagina. Nishino Y, et al.
Acta Endocrinol [Suppl] (Kbh) 187:3-62, 1974
 Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)
 Blood platelet biochemistry in women receiving steroid
 contraceptives. Briggs M.
Haematologia (Budap) 7:347-87, 1973
 Elevation of plasma neurophysin in women on oral

contraceptives. Robinson AG.
J Clin Invest 54:208-12, Jul 74
 DNA repair inhibition: a new mechanism of action of
 steroids with possible implications for tumor therapy.
 Gaudin D, et al.
Proc Soc Exp Biol Med 146:401-5, Jun 74
 Studies on plasma coagulation and fibrinolysis during
 oral contraception of various types with special
 reference to cold activation of factor VII. Gjonnaess
 H, et al. **Scand J Haematol** 12:232-40, 1974

THERAPEUTIC USE

Normal and abnormal sexual maturation. Bryan GT.
Am Fam Physician 9:123-35, Jun 74
 Long-term administration of medroxyprogesterone
 acetate (MPA) to acromegalic patients. Josefsberg Z,
 et al. **Clin Endocrinol (Oxf)** 3:195-202, Apr 74
 The treatment of advanced prostatic carcinoma with
 medroxyprogesterone. Rafia S, et al.
Curr Ther Res 16:261-7, Apr 74
 Choriocarcinoma of the testis. Henry SC, et al.
J Urol 112:105-8, Jul 74
 Use of progestational agents in endometrial
 adenocarcinoma. Rozler JC Jr, et al.
Obstet Gynecol 44:60-4, Jul 74

MEGESTROL

ADMINISTRATION & DOSAGE

Use of progestational agents in endometrial
 adenocarcinoma. Rozler JC Jr, et al.
Obstet Gynecol 44:60-4, Jul 74

METABOLISM

Affinities of progestogen and estrogen receptors in
 rabbit uterus for synthetic progestogens. Terenius L.
Steroids 23:909-19, Jun 74

PHARMACODYNAMICS

The oestrogenic potency of various contraceptive
 steroids as determined by their effects on
 transcortin-binding capacity. Schwartz U, et al.
Acta Endocrinol (Kbh) 76:159-71, May 74
 The sialic acid content in mouse female reproductive
 organs as a quantitative parameter for testing the
 estrogenic and antiestrogenic effect, antiestrogenic
 depot effect, and dissociated effect of estrogens on
 the uterus and vagina. Nishino Y, et al.
Acta Endocrinol [Suppl] (Kbh) 187:3-62, 1974
 The biological profile of a new synthetic
 progestagen--GR2-1159-(17-acetoxy-6,11
 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione).
 Child KJ, et al. **Steroids** 23:425-42, Mar 74

THERAPEUTIC USE

Use of progestational agents in endometrial
 adenocarcinoma. Rozler JC Jr, et al.
Obstet Gynecol 44:60-4, Jul 74
 [Some aspects of the use of hormonal contraceptives (a
 review of the literature)] Tarakhovskii ML, et al.
Pediatr Akush Ginekol 3:53-8, May-Jun 74 (Ukr)

MESTRANOL

ADMINISTRATION & DOSAGE

Proceedings: Quantitation of a new serum
 alpha-macroglobulin in malignant disease, steroid
 treatment, pregnancy and normal subjects. Stimson
 WH. **J Endocrinol** 61:xxxxxx1, Apr 74

ADVERSE EFFECTS

Liver hamartomas in patients on oral contraceptives.
 O'Sullivan JP, et al. **Br Med J** 2:7-10, 6 Jul 74
 Effect of oral contraceptives on acne. Barranco VP, et
 al. **South Med J** 67:703-6, Jun 74
 [Intrahepatic cholestasis following ovosiston] Kraatz
 G, et al.
Z Aerzt Fortbild (Jena) 67:1194-6, 1 Dec 73 (Ger)
 [Drug-induced liver damage following use of the oral
 contraceptive Femigen] Kwasniewska W, et al.
Patol Pol 25:101-6, Jan-Mar 74 (Eng. Abstr.) (Pol)

MESTRANOL

ANALYSIS

Analysis of steroids. XXIV. A specific method for the spectrophotometric determination of 17-ethynyl steroids. Szepesi G, et al. *Analyst* 99:218-21, Apr 74

METABOLISM

[Hormonal dependency of gamma-glutamyl transpeptidase (author's transl)] Feldmann HU, et al. *Dtsch Med Wochenschr* 99:1171-4, 31 May 74 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. Schwartz U, et al. *Acta Endocrinol (Kbh)* 76:159-71, May 74

The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al. *Acta Endocrinol [Suppl] (Kbh)* 187:3-62, 1974

Progestational agents and blood coagulation. VI. Relationship of ABO blood types to changes induced by oral contraceptives. Lillie MA, et al. *Am J Obstet Gynecol* 119:406-10, 1 Jun 74

Letter: Effects of oral contraceptives on endogenous hormone secretion. Elstein M, et al. *Br Med J* 2:222, 27 Apr 74

Hypercortisolaemia and lack of skeletal response to oestrogen in postmenopausal women. Aitken JM, et al. *Clin Endocrinol (Oxf)* 3:167-74, Apr 74

Gonadotropins and preantral follicular maturation in women. Ross GT. *Fertil Steril* 25:522-43, Jun 74 (85 ref.)

The effects of mechanical and steroid contraceptive methods on blood pressure in hypertensive women. Spellacy WN, et al. *Fertil Steril* 25:467-70, Jun 74

Blood platelet biochemistry in women receiving steroid contraceptives. Briggs M. *Haematologia (Budap)* 7:347-67, 1973

Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74

Letter: The effect of contraceptive steroids on carbohydrate metabolism. Davidson MB. *Metabolism* 23:687-90, Jul 74

Metabolic effects of oral contraceptives in monkeys fed on adequate and low protein diets. *Nutr Rev* 32:149-52, May 74 (8 ref.)

Endocervical changes with the use of synthetic steroids. Mingeot R, et al. *Obstet Gynecol* 44:53-9, Jul 74

Cyclic thrombocytopenia. Case report and review of literature. Cohen T, et al. *Scand J Haematol* 12:9-17, 1974

Studies on plasma coagulation and fibrinolysis during oral contraception of various types with special reference to cold activation of factor VII. Gjonnaess H, et al. *Scand J Haematol* 12:232-40, 1974

THERAPEUTIC USE

Hypercortisolaemia and lack of skeletal response to oestrogen in postmenopausal women. Aitken JM, et al. *Clin Endocrinol (Oxf)* 3:167-74, Apr 74

The effects of mechanical and steroid contraceptive methods on blood pressure in hypertensive women. Spellacy WN, et al. *Fertil Steril* 25:467-70, Jun 74

[Hormonal treatment of juvenile menstruation disorders] Sas M. *Fortschr Med* 92:641-2, 23 May 74 (Ger)

[Intrahepatic cholestasis following ovariectomy] Kraatz G, et al. *Z Aerztl Fortbild (Jena)* 67:1194-6, 1 Dec 73 (Ger)

METHANDROSTENOLONE

PHARMACODYNAMICS

[Histochemical research on the effect of administering metanabol during pregnancy on the differentiation of the small intestine epithelium in the embryo of a white rat (author's transl)] Rzeszowska G, et al. *Ann Univ Mariae Curie Skłodowska [Med]* 28:91-7, 1973 (Eng. Abstr.) (Pol)

GONADS

[Enzymatic function of the pancreas under the effect of anabolic preparations and diets with different amounts of protein] Narodetskaja RV, et al. *Vopr Pitani* 33:37-41, May-Jun 74 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Dermatomyositis. Sachdev YR, et al. *Indian J Pediatr* 40:439-41, Dec 73

[The effect of nerobolyl on experimental myocardial infarct in rabbits with cholesterol atherosclerosis] Kniazeva GD, et al. *Farmakol Toksikol* 36:90-101, Mar-Apr 73 (Eng. Abstr.) (Rus)

METHENOLONE

THERAPEUTIC USE

[Effect of methenolone enanthate on alcohol-induced fatty liver in the animal experiment] Becker K. *Acta Hepatogastroenterol (Stuttg)* 19:157-60, Jun 72 (Eng. Abstr.) (Ger)

[Isolated petit mal status epilepticus. A new epilepsy syndrome characterised by paroxysmal behavioural disturbances (author's transl)] Groh CH, et al. *Dtsch Med Wochenschr* 99:379-85, 1 Mar 74 (Eng. Abstr.) (Ger)

[Clinical and histopathological aspects of endogenous ochronosis] Teller H, et al. *Hautarzt* 24:537-43, Dec 73 (Ger)

METHYLTESTOSTERONE

ANALYSIS

Colorimetric determination of methyltestosterone in some multivitamin preparations. Yassa DA, et al. *Pharmazie* 28:791, Nov-Dec 73

PHARMACODYNAMICS

Spirolactone and testicular cytochrome P-450: decreased testosterone formation in several species and changes in hepatic drug metabolism. Menard RH, et al. *Endocrinology* 94:1628-36, Jun 74

[Progress in the field of drug development. 6] Koch H, et al. *Pharmazie* 28:691-713, Nov-Dec 73 (364 ref.) (Ger)

THERAPEUTIC USE

Symptomatic endometriosis in teen-agers. A reappraisal. Bullock JL, et al. *Obstet Gynecol* 43:896-900, Jun 74

NANDROLONE

ADMINISTRATION & DOSAGE

[Durabolin in the treatment of diabetic proliferative angioretinopathy] Hamerski W. *Klin Oczna* 44:461-5, May 74 (Eng. Abstr.) (Pol)

PHARMACODYNAMICS

The effect of nandrolone phenylpropionate on 14 C-leucine incorporation into muscle protein in the rat and rabbit in vivo. Bresloff P, et al. *Acta Endocrinol (Kbh)* 76:403-16, Jun 74

The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al. *Acta Endocrinol [Suppl] (Kbh)* 187:3-62, 1974

Effects of an anabolic steroid (Durabolin) on rats' female genital organs under casein deficiency. Diloksamboon V. *J Med Assoc Thai* 56:580-98, Oct 73

[Comparative effects of retaboly and syncumar on thrombocyte function] Savel'eva AV. *Farmakol Toksikol* 26:465-8, Jul-Aug 73 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

Postmenopausal osteoporosis. Pathogenesis and the mode of action of hormone therapy. Holló I. *Ther Hung* 20:123-6 passim, 1972

[Durabolin in the treatment of diabetic proliferative

angloretinopathy] Hamerski W.
Klin Oczna 44:461-5, May 74 (Eng. Abstr.) (Pol)

NORETHINDRONE

Intrauterine dystrophy in rats due to placental insufficiency caused by hormonally induced prolonged gestation. Bührdel P, et al.
Biol Neonate 24:57-65, 1974
Hormonal contraception. Dorfman RI.
Life Sci 14:827-35, 1 Mar 74 (23 ref.)

ADMINISTRATION & DOSAGE

Effects of norethisterone on pituitary and ovarian function. Collins WP, et al.
Acta Endocrinol (Kbh) 75:357-67, Feb 74
Ultrastructure of human uterine epithelium at the time of implantation after postovulatory administration of norethindrone. Nilsson O, et al.
Ups J Med Sci 79:65-71, 1974
[Tubal pregnancy during the daily continual administration of 0.35 mg norethisterone (author's transl)] Günther J.
Geburtshilfe Frauenheilkd 34:208-9, Mar 74 (Eng. Abstr.) (Ger)
[Continuous low dose treatment with gestagen] Vihriälä A, et al.
Lakartidningen 71:2137-8, 22 May 74 (Swe)

ADVERSE EFFECTS

Liver hamartomas in patients on oral contraceptives. O'Sullivan JP, et al. Br Med J 2:7-10, 6 Jul 74
Effect of oral contraceptives on acne. Barranco VP, et al. South Med J 67:703-6, Jun 74
Oral contraceptive medication and glucose metabolism: long-term treatment. Semmer JR, et al.
South Med J 67:664-6, Jun 74
[Tubal pregnancy during the daily continual administration of 0.35 mg norethisterone (author's transl)] Günther J.
Geburtshilfe Frauenheilkd 34:208-9, Mar 74 (Eng. Abstr.) (Ger)
[Continuous low dose treatment with gestagen] Vihriälä A, et al.
Lakartidningen 71:2137-8, 22 May 74 (Swe)

ANALYSIS

1-Beta-hydroxylation of D-norgestrel and norethisterone by Botryodiplodia malorum.
Greenspan G, et al. Experientia 30:328-9, 15 Apr 74

BLOOD

Proceedings: Radioimmunoassay of norethisterone: a comparison of 3H and 125I-labelled radioligands. Cameron EH, et al. N Engl J Med 291:xxxix, 11 Jun 74
Proceedings: Radioimmunoassay of synthetic progestins in plasma. Warren RJ, et al.
N Engl J Med 291:xxxix, 11 Jun 74
Ultrastructure of human uterine epithelium at the time of implantation after postovulatory administration of norethindrone. Nilsson O, et al.
Ups J Med Sci 79:65-71, 1974

METABOLISM

1-Beta-hydroxylation of D-norgestrel and norethisterone by Botryodiplodia malorum.
Greenspan G, et al. Experientia 30:328-9, 15 Apr 74
[Hormonal dependency of gamma-glutamyl transpeptidase (author's transl)] Feldmann HU, et al.
Dtsch Med Wochenschr 99:1171-4, 31 May 74 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Effects of norethisterone on pituitary and ovarian function. Collins WP, et al.
Acta Endocrinol (Kbh) 75:357-67, Feb 74
The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. Schwartz U, et al.
Acta Endocrinol (Kbh) 76:159-71, May 74
Sex hormones--effects on prolactin cells. el Etreby MF, et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
The sialic acid content in mouse female reproductive

organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al.
Acta Endocrinol [Suppl] (Kbh) 187:3-62, 1974
Progestational agents and blood coagulation. VI. Relationship of ABO blood types to changes induced by oral contraceptives. Lillie MA, et al.
Am J Obstet Gynecol 119:406-10, 1 Jun 74
Progestational agents and blood coagulation. V. Changes induced by sequential oral contraceptive therapy. Mink IB, et al.
Am J Obstet Gynecol 119:401-5, 1 Jun 74
Letter: Effects of oral contraceptives on endogenous hormone secretion. Elstein M, et al.
Br Med J 2:222, 27 Apr 74
Gonadotropins and preantral follicular maturation in women. Ross GT.
Fertil Steril 25:522-43, Jun 74 (85 ref.)
Blood platelet biochemistry in women receiving steroid contraceptives. Briggs M.
Haematologia (Budap) 7:347-67, 1973
Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al.
J Clin Invest 53:1750-4, Jun 74
Letter: The effect of contraceptive steroids on carbohydrate metabolism. Davidson MB.
Metabolism 23:687-90, Jul 74
Metabolic effects of oral contraceptives in monkeys fed on adequate and low protein diets.
Nutr Rev 32:149-52, May 74 (8 ref.)
Endocervical changes with the use of synthetic steroids. Mingeot R, et al.
Obstet Gynecol 44:53-9, Jul 74
DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al.
Proc Soc Exp Biol Med 146:401-5, Jun 74
Cyclic thrombocytopenia. Case report and review of literature. Cohen T, et al.
Scand J Haematol 12:9-17, 1974
Ultrastructure of human uterine epithelium at the time of implantation after postovulatory administration of norethindrone. Nilsson O, et al.
Ups J Med Sci 79:65-71, 1974
[Continuous low dose treatment with gestagen] Vihriälä A, et al.
Lakartidningen 71:2137-8, 22 May 74 (Swe)

THERAPEUTIC USE

Cyclical combination chemotherapy in advanced breast cancer. Edelstyn GA, et al.
Ann R Coll Surg Engl 54:275-6, Jun 74
[Some aspects of the use of hormonal contraceptives (a review of the literature)] Tarakhovskii ML, et al.
Fediatr Akush Ginekol 3:53-8, May-Jun 74 (Ukr)

NORETHYNODREL

Hormonal contraception. Dorfman RI.
Life Sci 14:827-35, 1 Mar 74 (23 ref.)

ADMINISTRATION & DOSAGE

Proceedings: Quantitation of a new serum alpha-macroglobulin in malignant disease, steroid treatment, pregnancy and normal subjects. Stimson WH. J Endocrinol 61:xxxxxx, Apr 74

ADVERSE EFFECTS

Effect of oral contraceptives on acne. Barranco VP, et al. South Med J 67:703-6, Jun 74

METABOLISM

Affinities of progestogen and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. Steroids 23:90919, Jun 74

PHARMACODYNAMICS

The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. Schwartz U, et al.
Acta Endocrinol (Kbh) 76:159-71, May 74
The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the

NORETHYNODREL

estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al. *Acta Endocrinol [Suppl] (Kbh)* 187:3-62, 1974
DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al. *Proc Soc Exp Biol Med* 146:401-5, Jun 74

THERAPEUTIC USE

[Hormonal treatment of juvenile menstruation disorders] Sas M. *Fortschr Med* 92:641-2, 23 May 74 (Ger)
[Some aspects of the use of hormonal contraceptives (a review of the literature)] Tarakhovskii ML, et al. *Pediatr Akush Ginekol* 3:53-8, May-Jun 74 (Ukr)

NORGESTREL

Clinical assessment of a low-dose oestrogen, low-dose progestogen combined oral contraceptive. Allen HH. *Curr Med Res Opin* 2:101-8, 1974
A new low-oestrogen, low-progestogen combined oral contraceptive. Woutersz TB. *Curr Med Res Opin* 2:95-100, 1974

ADMINISTRATION & DOSAGE

Clinical assessment of a low-dose oestrogen, low-dose progestogen combined oral contraceptive. Allen HH. *Curr Med Res Opin* 2:101-8, 1974
A new low-oestrogen, low-progestogen combined oral contraceptive. Woutersz TB. *Curr Med Res Opin* 2:95-100, 1974
A double-blind comparison of two oral contraceptives containing 50 mu g. and 30 mu g. ethinyl estradiol. Dionne P, et al. *Curr Ther Res* 16:281-8, Apr 74
[Study of d-norgestrel as a contraceptive] Aznar R. *Ginecol Obstet Mex* 35:191-5, Feb 74 (Eng. Abstr.) (Spa)

ADVERSE EFFECTS

Clinical assessment of a low-dose oestrogen, low-dose progestogen combined oral contraceptive. Allen HH. *Curr Med Res Opin* 2:101-8, 1974
A new low-oestrogen, low-progestogen combined oral contraceptive. Woutersz TB. *Curr Med Res Opin* 2:95-100, 1974
Effect of oral contraceptives on acne. Barranco VP, et al. *South Med J* 67:703-6, Jun 74
[Study of d-norgestrel as a contraceptive] Aznar R. *Ginecol Obstet Mex* 35:191-5, Feb 74 (Eng. Abstr.) (Spa)

ANALYSIS

1-Beta-hydroxylation of D-norgestrel and norethisterone by *Botryodiplodia malorum*. Greenspan G, et al. *Experientia* 30:328-9, 15 Apr 74

BLOOD

Proceedings: Radioimmunoassay of synthetic progestins in plasma. Warren RJ, et al. *N Engl J Med* 291:xxxix, 11 Jun 74

METABOLISM

1-Beta-hydroxylation of D-norgestrel and norethisterone by *Botryodiplodia malorum*. Greenspan G, et al. *Experientia* 30:328-9, 15 Apr 74
Affinities of progestogen and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. *Steroids* 23:90919, Jun 74

PHARMACODYNAMICS

The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. Schwartz U, et al. *Acta Endocrinol (Kbh)* 76:159-71, May 74
The silicic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al. *Acta Endocrinol [Suppl] (Kbh)* 187:3-62, 1974
The effect of long-term oral treatment of rats with

GONADS

contraceptive steroids on tissue MAO. Marchi M, et al. *Eur J Pharmacol* 25:407-10, Mar 74
The effects of mechanical and steroid contraceptive methods on blood pressure in hypertensive women. Spellacy WN, et al. *Fertil Steril* 25:467-70, Jun 74
Blood platelet biochemistry in women receiving steroid contraceptives. Briggs M. *Haematologia (Budap)* 7:347-67, 1973
Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74
Endocervical changes with the use of synthetic steroids. Mingeot R, et al. *Obstet Gynecol* 44:53-9, Jul 74
Platelet factor 4 (PF-4). A study on methodology and physiology. Gjesdal K. *Scand J Haematol* 12:51-9, 1974

THERAPEUTIC USE

The effects of mechanical and steroid contraceptive methods on blood pressure in hypertensive women. Spellacy WN, et al. *Fertil Steril* 25:467-70, Jun 74

OXANDROLONE

ADVERSE EFFECTS

Normal and abnormal sexual maturation. Bryan GT. *Am Fam Physician* 9:123-35, Jun 74

THERAPEUTIC USE

Normal and abnormal sexual maturation. Bryan GT. *Am Fam Physician* 9:123-35, Jun 74
Bone turnover-sex hormone-parathyroid hormone interrelationships in postmenopausal osteoporosis. Riggs B, et al. *Boll Soc Ital Biol Sper* 49:732-7, 30 Jul 73

PREGNANEDIOL

ANALYSIS

Induction of ovulation with synthetic luteinizing hormone-releasing hormone. Nakano R, et al. *Fertil Steril* 25:471-7, Jun 74

BLOOD

The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Lamall AA, et al. *J Clin Endocrinol Metab* 39:81-95, Jul 74
Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. Laatikainen TJ, et al. *J Clin Invest* 53:1709-15, Jun 74

PHARMACODYNAMICS

Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Oakley RE, et al. *Clin Endocrinol (Oxf)* 3:131-48, Apr 74
The yellow baby. Catz C. *NY State J Med* 74:804-7, May 74 (21 ref.)

SECRETION

Ovarian secretion of pregnane compounds during the estrous cycle and pregnancy in rats. Ichikawa S, et al. *Endocrinology* 94:1615-20, Jun 74

URINE

Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al. *Acta Endocrinol (Kbh)* 76:214-34, Jun 74
Effects of norethisterone on pituitary and ovarian function. Collins WP, et al. *Acta Endocrinol (Kbh)* 75:357-67, Feb 74
Low dose lynestrenol as a contraceptive influence on ovarian function. Järvinen PA, et al. *Ann Clin Res* 6:109-14, Apr 74
Successful treatment of galactorrhoea and amenorrhoea and subsequent restoration of ovarian function by a new ergot alkaloid 2-brom-alpha-ergocryptine. Rolland R, et al. *Clin Endocrinol (Oxf)* 3:155-66, Apr 74
Effect of cyproterone acetate on steroid levels and hirsutism in two female patients in a long-term study. Irvine WJ, et al. *J Endocrinol* 61:32-3, Apr 74

Changes in renal water and electrolyte excretion occurring before and after induced ovulation and their relation to total oestrogen and pregnanediol excretion. Parboosingh J, et al.

J Obstet Gynaecol Br Commonw 81:417-22, Jun 74
Proceedings: Plasma oestradiol and progesterone estimations in the monitoring of the induction of ovulation by human menopausal gonadotrophin and human chorionic gonadotrophin. McGarrigle HH, et al. N Engl J Med 291:xxxxlxxxll, 11 Jun 74

Urinary excretion of steroids in a case of hydatidiform mole with ascites. Moneta E, et al. Obstet Gynecol 44:47-52, Jul 74

[Qualitative and quantitative analysis of 17-ketosteroids and 20-hydroxy-21-deoxysteroids in urine by gas-liquid chromatography and mass spectrum analysis] Desgres J, et al. Clin Chim Acta 52:381-405, 17 May 74 (Eng. Abstr.) (Fre)

[Urinary steroid excretion in obese children] Habererfellner H, et al. Wien Med Wochenschr 124:437-42, 6 Jul 74 (Ger)

[Urinary content of 3-alpha, 20-alpha pregnanediol and chorionic gonadotrophins in pregnant women treated for cervix incompetence] Laudanski T, et al. Pol Tyg Lek 29:605-7, 15 Apr 74 (Eng. Abstr.) (Pol)

[Excretion of estrogens and pregnanediol in women with hydatid mole treated with methotrexate] Skriuchenkova VA, et al.

Akush Ginekolog (Mosk) 49:68-9, Nov 73 (Rus)

[Some changes in ovarian functions in women who have been in contact with organochlorine compounds] Blekherman NA, et al.

Pediatr Akush Ginekolog 2:57-9, 1973 (Ukr)

[Clinical characteristics of the patients and the endocrine disturbances in inflammation of the uterine adnexa] Koreneva GP, et al.

Pediatr Akush Ginekolog 3:53-6, 1973 (Ukr)

PREGNANES

CHEMICAL SYNTHESIS

Intramolecular catalysis. VII: The nature of side chain shielding of the 12alpha-hydroxyl group of steroids. Atkinson KF, et al. Steroids 23:895-908, Jun 74

PHARMACODYNAMICS

The combined effects of pregnanolone and porphyrinogenic agents on hepatic delta-aminolevulinic acid synthetase in mice. Weissman EB, et al. Biochem Med 9:334-41, Apr 74

The role of certain 5beta-H-steroids in the regulation of porphyrin-heme formation. Weissman EB, et al. Enzyme 16:286-94, 1973

Benzodiazepines for supplementing steroid anesthesia. Gyermek L. Life Sci 14:1433-8, 18 Apr 74

SECRETION

Ovarian secretion of pregnane compounds during the estrous cycle and pregnancy in rats. Ichikawa S, et al. Endocrinology 94:1615-20, Jun 74

THERAPEUTIC USE

[Comparative studies with Halcinonide and fluocortolone in local administration] Reinhard W, et al. Z Hautkr 49:267-72, 1 Apr 74 (Ger)

URINE

[Qualitative and quantitative analysis of 17-ketosteroids and 20-hydroxy-21-deoxysteroids in urine by gas-liquid chromatography and mass spectrum analysis] Desgres J, et al. Clin Chim Acta 52:381-405, 17 May 74 (Eng. Abstr.) (Fre)

PREGNENES

Metabolism of pregnenolone and pregnenolone sulphate in human foetal liver tissue in vitro. Huhtaniemi I. Acta Endocrinol (Kbh) 76:525-38, Jul 74

Diurnal variation of peripheral plasma levels of testosterone in bulls measured by a rapid radioimmunoassay procedure. Sanwal PC, et al. Acta Vet Scand 15:90-9, 1974

Delta4-3 beta-hydroxysteroid dehydrogenase activity

in rat liver. Intracellular distribution and sex dependency. Lax ER, et al. Eur J Biochem 42:561-6, 1 Mar 74

BLOOD

An assessment of the possible role of 17alpha,20alpha-dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. Bruijn HW de, et al. J Endocrinol 61:401-10, Jun 74

METABOLISM

Affinities of progesterone and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. Steroids 23:909-19, Jun 74

PHARMACODYNAMICS

Biologic and biochemical effects of anti-androgens on rat ventral prostate. Geller J, et al. Acta Endocrinol (Kbh) 75:385-97, Feb 74

An assessment of the possible role of 17alpha,20alpha-dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. Bruijn HW de, et al. J Endocrinol 61:401-10, Jun 74

PREGNENOLONE

Testicular function in myotonic dystrophy of childhood. Hamilton W. Clin Endocrinol (Oxf) 3:215-22, Apr 74

Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Oakley RE, et al. Clin Endocrinol (Oxf) 3:131-48, Apr 74

Spectral properties of rat adrenal-mitochondrial cytochrome P-450. Jefcoate CR, et al. Eur J Biochem 42:539-51, 1 Mar 74

ADMINISTRATION & DOSAGE

[Toxicological characteristics of semiprecursors of steroid hormones] Shashkina LF, et al. Glg Tr Prof Zabol 18:32-6, Feb 74 (Eng. Abstr.) (Rus)

ANALYSIS

Simultaneous estimation of pregnenolone, 17-hydroxypregnenolone and

dehydroepiandrosterone by gas-liquid radiochromatography. Nice E, et al. Anal Biochem 59:399-406, Jun 74

[Identification of the hydroxylated derivatives of pregnenolone synthesized in the adrenal mitochondria of swine] Pivnitskii KK, et al. Vopr Med Khim 20:314-8, May 74 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Conversion of labelled cholesterol to neutral steroids by human ovaries perfused in vivo. Dell'Acqua S, et al. Acta Endocrinol (Kbh) 75:368-78, Feb 74

Subcellular localisation of adrenal cholesterol by autoradiography and digitonin reaction after aminogluthimide-induced inhibition of corticosterone synthesis. Szabó D, et al. Histochemie 38:213-21, 6 Mar 74

The stoichiometry of the conversion of cholesterol and hydroxycholesterols to pregnenolone (3beta-hydroxypregn-5-en-20-one) catalysed by adrenal cytochrome P-450. Shikita M, et al. Proc Natl Acad Sci USA 71:1441-5, Apr 74

[Identification of the hydroxylated derivatives of pregnenolone synthesized in the adrenal mitochondria of swine] Pivnitskii KK, et al. Vopr Med Khim 20:314-8, May 74 (Eng. Abstr.) (Rus)

BLOOD

Pregnenolone and pregnenolone sulfate metabolism in vivo and uterine extraction at midgestation. Billar RB, et al. J Clin Endocrinol Metab 39:27-35, Jul 74

Serum steroid levels following a large intravenous dose of a steroid sulfate precursor during the second trimester of human pregnancy. II. Pregnenolone sulfate. Buster JE, et al. J Clin Endocrinol Metab 38:1038-45, Jun 74

Testicular endocrine function in a pubertal boy with

PREGNENOLONE

- 3beta-hydroxysteroid dehydrogenase deficiency.
Jänne O, et al. *J Clin Endocrinol Metab* 39:206-9, Jul 74
Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. Laatikainen TJ, et al.
J Clin Invest 53:1709-15, Jun 74

CHEMICAL SYNTHESIS

- Synthesis and study of the labeling of pregnenolone and progesterone specifically tritiated at the 17 position. Kremers P, et al. *Steroids* 23:603-13, Apr 74

ISOLATION & PURIFICATION

- Conversion of labelled cholesterol to neutral steroids by human ovaries perfused in vivo. Dell'Acqua S, et al. *Acta Endocrinol (Kbh)* 75:368-78, Feb 74
Endogenous neutral steroids in the lung tissue of early and mid-term human fetuses and in vitro studies on their formation. Huhtaniemi I.
Acta Endocrinol (Kbh) 75:148-58, Jan 74

METABOLISM

- Endogenous neutral steroids in the lung tissue of early and mid-term human fetuses and in vitro studies on their formation. Huhtaniemi I.
Acta Endocrinol (Kbh) 75:148-58, Jan 74
Metabolism of pregnenolone and pregnenolone sulphate in human foetal liver tissue in vitro. Huhtaniemi I. *Acta Endocrinol (Kbh)* 76:525-38, Jul 74
The influence of ethanol on the conversion of pregnenolone to progesterone by human placental microsomes. Lübbert H, et al.
Acta Endocrinol (Kbh) 76:178-88, May 74
In vitro metabolism of steroid hormones by chicken brain. Nakamura T, et al.
Acta Endocrinol (Kbh) 75:410-6, Feb 74
Characteristics of the nuclear and microsomal steroid delta-4-5 alpha-hydrogenase of the rat prostate. Nozu K, et al. *Acta Endocrinol (Kbh)* 76:808-24, Jul 74
Simultaneous estimation of pregnenolone, 17-hydroxypregnenolone and dehydroepiandrosterone by gas-liquid radiochromatography. Nice E, et al.
Anal Biochem 59:399-406, Jun 74
A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al.
Biochem Biophys Res Commun 58:983-9, 18 Jun 74
Cholesterol and cholesterol sulfate as substrates for the adrenal side-chain cleavage enzyme. Hochberg RB, et al. *Biochemistry* 13:1938-45, 23 Apr 74
Biosynthesis of steroids from (14C)cholesterol, (3H)progesterone and (3H)pregnenolone by human adrenal carcinoma tissue. Nishida S, et al.
Clin Chim Acta 52:97-103, Mar 74
New potent inhibitors of 3beta-hydroxy-delta 5-steroid oxidoreductase with short duration of action. Begue RJ, et al. *Endocrinology* 95:238-46, Jul 74
Initiation of luteinization in rabbit Graafian follicles by dibutyryl cyclic AMP in vitro. Miller JB, et al.
Endocrinology 95:253-9, Jul 74
Free cell suspensions from rat placental tissue: metabolism of pregnenolone-4-14C and progesterone-4-14C. Dziadkowiec I, et al.
Experientia 30:438-9, 15 Apr 74
Pregnenolone and pregnenolone sulfate metabolism in vivo and uterine extraction at midgestation. Billiar RB, et al. *J Clin Endocrinol Metab* 39:27-35, Jul 74
Proceedings: Mechanism of action of glucocorticoids in induction of ovine parturition: effect on placental steroid metabolism. Anderson AB, et al.
J Endocrinol 61:xxxvixxxvii, Apr 74
Proceedings: Gonadal steroid synthesis in the Virginian opossum, *Didelphis marsupialis*. Cook B, et al.
J Endocrinol 61:ix, Apr 74
Proceedings: Effects of aminoglutethimide and SU 10'603 on the biosynthesis of C19 steroids. Lyne C, et al. *J Endocrinol* 61:xxixvii, Apr 74
Proceedings: Steroid metabolism by the prepubertal human testis. Richards G, et al.
J Endocrinol 61:18, Apr 74
Studies on the structure and function of the mammalian testis. IV. Steroid metabolism in vitro by isolated interstitium and seminiferous tubules of rat testis after heat sterilization. Collins P, et al.
Proc R Soc Lond [Biol] 186:37-51, 7 May 74
Synthesis and study of the labeling of pregnenolone

GONADS

- and progesterone specifically tritiated at the 17 position. Kremers P, et al. *Steroids* 23:603-13, Apr 74
The biosynthesis of estrogens by cow follicles. Lacroix E, et al. *Steroids* 23:337-56, Mar 74
[The role of ACTH in the regulation of cholesterol metabolism in the adrenal cortex] Malendowicz LK, et al. *Endokrynol Pol* 25:61-81, Mar-Apr 74 (Pol)

PHARMACODYNAMICS

- Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hipkin LJ. *Acta Endocrinol (Kbh)* 75:141-7, Jan 74
A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al.
Biochem Biophys Res Commun 58:983-9, 18 Jun 74
Action of progesterone and related steroids on oocyte maturation in *Xenopus laevis*. An in vitro study. Schorderet-Slatkine S. *Cell Differ* 1:179-89, Aug 72
Spirinolactone and testicular cytochrome P-450: decreased testosterone formation in several species and changes in hepatic drug metabolism. Menard RH, et al. *Endocrinology* 94:1628-36, Jun 74
Porphobilinogen oxygenase: isolation and properties. Frydman RB, et al. *Enzyme* 16:160-71, 1973

THERAPEUTIC USE

- [Hormonal treatment of juvenile menstruation disorders] Sas M.
Fortschr Med 92:641-2, 23 May 74 (Ger)

TOXICITY

- [Toxicological characteristics of semiproducts of steroid hormones] Shashkina LF, et al.
Gig Tr Prof Zabol 18:32-6, Feb 74 (Eng. Abstr.) (Rus)

PROGESTATIONAL HORMONES

- [Characteristics of the colpocytogram of human fetuses] Solov'eva EP.
Aktuel Probl Klin Biochem 49:51-5, Jul 73 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

- Glucose tolerance and serum insulin in rats and insulin sensitivity of rat adipose cells following treatment with the progestogen clomegestone acetate. Schillinger E, et al.
Acta Endocrinol (Kbh) 75:305-13, Feb 74
The biological profile of a new synthetic progestagen-GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74
The progestational and anti-estrogenic activities of some novel 11beta-substituted steroids. Gilbert HG, et al. *Steroids* 23:585-602, Apr 74
[Hormonal dependency of gamma-glutamyl transpeptidase (author's transl)] Feldmann HU, et al. *Dtsch Med Wochenschr* 99:1171-4, 31 May 74 (Eng. Abstr.) (Ger)
[Minipills and pregnancy] Tidaskr Nor Laegeforen 94:1009, 30 May 74 (Nor)

ADVERSE EFFECTS

- [Significance of hormonal contraceptive agents in the development of urinary calculi] Klinger G, et al. *Zentralbl Gynaekol* 96:248-53, 22 Feb 74 (Eng. Abstr.) (Ger)
[Hormonal contraception with associated estrogenoprogesterone agents] Pescetto G. *Minerva Ginecol* 26:176-9, Mar 74 (Ita)
[Additional hormone therapy in breast cancer] Viladiu Quemada P. *Rev Clin Esp* 132:467-72, 15 Mar 74 (Spa)
[A long-range follow-up of effects of oral contraceptives in England] Westerholm B. *Lakartidningen* 71:2459-60, 12 Jun 74 (Swe)

ANALYSIS

- [Hormonal contraception controlled by vaginal cytology (author's transl)] Balmer JA.
Praxis 63:486-90, 23 Apr 74 (Eng. Abstr.) (Ger)

GONADS

PROGESTERONE

BIOSYNTHESIS

- Proceedings: Pharmacology of reproduction. II. Evaluation of prostaglandins on ovarian prostaglandins by the intact and hypophysectomized rats. Hirai M, et al. *Jap J Pharmacol* 24:Suppl:127, 1974
- [Menstruation cycle] Bocci A. *Minerva Ginecol* 26:76-81, Feb 74 (Ita)

BLOOD

- Measurement of a progestational and antiandrogenic compound by a competitive protein binding assay. Jagarinec N, et al. *Steroids* 23:561-78, Apr 74

METABOLISM

- Proceedings: Metabolism of steroid hormones by the human mammary gland in vivo and in vitro. Deshpande N, et al. *N Engl J Med* 291:53-4, 11 Jun 74
- Proceedings: Investigation of steroid-receptor interaction in pregnant sheep myometrium. Rossier G, et al. *N Engl J Med* 291:1191, 11 Jun 74
- Affinities of progestogen and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. *Steroids* 23:909-19, Jun 74
- [Hormonal dependency of gamma-glutamyl transpeptidase (author's transl)] Feldmann HU, et al. *Dtsch Med Wochenschr* 99:1171-4, 31 May 74 (Eng. Abstr.) (Ger)
- [Significance of hormonal contraceptive agents in the development of urinary calculi] Klinger G, et al. *Zentralbl Gynaekol* 96:248-53, 22 Feb 74 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

- Glucose tolerance and serum insulin in rats and insulin sensitivity of rat adipose cells following treatment with the progestogen clomegestone acetate. Schillinger E, et al. *Acta Endocrinol (Kbh)* 75:305-13, Feb 74
- The stalic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al. *Acta Endocrinol [Suppl] (Kbh)* 187:3-62, 1974
- Post nidatory action of various compounds representing several pharmacological classes. DiPasquale G, et al. *Res Commun Chem Pathol Pharmacol* 7:701-14, Apr 74
- The biological profile of a new synthetic progestagen-GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74
- The progestational and anti-estrogenic activities of some novel 11beta-substituted steroids. Gilbert HG, et al. *Steroids* 23:585-602, Apr 74

THERAPEUTIC USE

- Use of progestational agents in endometrial adenocarcinoma. Rozler JC Jr, et al. *Obstet Gynecol* 44:60-4, Jul 74
- [Galactorrhea; diagnostic and therapeutic aspects] Verhoeven AT. *Ned Tijdschr Geneeskde* 118:864-72, 8 Jun 74 (Dut)
- [Progestagens in gynecologic oncology] Gorins A. *Cah Med* 14:1056-63, 30 Nov 73 (Fre)
- [Hormonal treatment of juvenile menstruation disorders] Sas M. *Fortschr Med* 92:641-2, 23 May 74 (Ger)
- [Abnormalities of the menstruation cycle and their treatment] Maneschi M. *Minerva Ginecol* 26:95-123, Feb 74 (Ita)
- [Additional hormone therapy in breast cancer] Villadiu Quemada P. *Rev Clin Esp* 132:467-72, 15 Mar 74 (Spa)
- [Some aspects of the use of hormonal contraceptives (a review of the literature)] Tarakhovskii ML, et al. *Pediatr Akush Ginekol* 3:53-8, May-Jun 74 (Ukr)

URINE

- [Hormone-analytic methods in gynecological endocrinology] Breckwoldt M, et al. *Fortschr Med* 92:725-6, 13 Jun 74 (Ger)
- [Urinary steroid excretion in obese children] Haberfellner H, et al. *Wien Med Wochenschr* 124:437-42, 6 Jul 74 (Ger)

PROGESTERONE

- The birth control movement and oral contraceptives in the college population. Donald IR, et al. *J Am Coll Health Assoc* 22:375-83, Jun 74
- Proceedings: Cytoplasmic steroid hormone 'receptors' in reproductive organs. Green B. *J Endocrinol* 61:2-3, Apr 74
- Temporal variations of testosterone levels in the peripheral blood plasma of men. Rowe PH, et al. *J Endocrinol* 61:63-73, Apr 74
- Measurement of a progestational and antiandrogenic compound by a competitive protein binding assay. Jagarinec N, et al. *Steroids* 23:561-78, Apr 74
- [Polymorphism of progesterone. 3. Solubility and thermodynamic studies of 2 crystalline forms] Bernabei MT, et al. *Farmaco [Prat]* 29:184-91, Apr 74 (Eng. Abstr.) (Ita)

ADMINISTRATION & DOSAGE

- The in vitro effect of progesterone and oestrogens on the spontaneous and oxytocin-induced activity of the human myometrium. Barnafi L, et al. *Acta Endocrinol (Kbh)* 76:172-7, May 74
- Effects of norethisterone on pituitary and ovarian function. Collins WP, et al. *Acta Endocrinol (Kbh)* 75:357-67, Feb 74
- The immediate response of the plasma prolactin level to oestrogen and progesterone infusions in bulls. Schams D, et al. *Acta Endocrinol (Kbh)* 76:242-7, Jun 74
- Intravenous cholegraphy and peroral contraceptives. A preliminary report. Lindgren P, et al. *Acta Radiol [Diagn] (Stockh)* 15:217-24, Mar 74
- Acute effects of ovarian steroids upon follicular growth in the cycling rat. Hori T, et al. *Endocrinol Jap* 20:475-82, Oct 73
- Divergent effects of infused progesterone on the reflexive release of oxytocin in ovariectomized goats variously treated with 17beta-estradiol. Roberts JS. *Endocrinology* 94:1531-5, Jun 74
- Suppression of lordosis in guinea pigs by ethamoxy-triphetol (MER-25) given at long intervals (34-46 hr) after estradiol benzoate treatment. Feder HH, et al. *Horm Behav* 5:63-71, Mar 74
- Independence of progesterone-induced facilitation and inhibition of lordosis behavior in ovariectomized guinea pigs. Morin LP, et al. *Horm Behav* 5:7-12, Mar 74
- Septal lesions: effects on lordosis behavior and pattern of gonadotropin release. Nance DM, et al. *Horm Behav* 5:73-81, Mar 74
- Progesterone and the ovarian-adrenal modulation of energy balance in rats. Ross GE, et al. *Horm Behav* 5:43-62, Mar 74
- Effects of some psychoactive agents on prolactin secretion in rats of different endocrine states. Clemens JA, et al. *Horm Metab Res* 6:187-90, May 74
- Proceedings: Effect of intravenous infusion of oestradiol-17 beta, with and without prior progesterone treatment, on the plasma luteinizing hormone and follicle-stimulating hormone concentrations in anoestrous ewes. Pant HC, et al. *J Endocrinol* 61:vvi, Apr 74
- Proceedings: Quantitation of a new serum alpha-macroglobulin in malignant disease, steroid treatment, pregnancy and normal subjects. Stimson WH. *J Endocrinol* 61:xxxxxxi, Apr 74
- Serum progesterone values in the luteal phase defects. Effect of chorionic gonadotropin. Jones GS, et al. *Obstet Gynecol* 44:26-34, Jul 74
- Reactivity to aversive stimuli as a function of alterations in body weight in normal and gonadectomized female rats. Marks HE, et al. *Physiol Behav* 9:539-44, Oct 72
- Progesterone in the management of hormone-dependent inoperable tumours. Szemesi I. *Ther Hung* 20:150-1, 1972

ADVERSE EFFECTS

- Letter: Thromboembolism and oral contraceptives. Briggs MH. *Br Med J* 2:503, 1 Jun 74
- Editorial: Liver tumours and the pill. *Br Med J* 2:3-4, 6 Jul 74
- [Results of treating mastodynias and mastopathies with percutaneous progesterone] Mauvais-Jarvis P, et al. *Nouv Presse Med* 3:1027-8, 20 Apr 74 (Fre)

PROGESTERONE

GONADS

[Hormonal contraceptives and hypertension] Haller J.
Internist (Berlin) 15:155-8, Mar 74 (Ger)

ANALYSIS

- Fetal growth in relation to vaginal cytology. Harrison V, et al. *Acta Cytol* (Baltimore) 18:210-4, May-Jun 74
- Progesterone concentration, intraluminal pressure and electrical activity of the guinea-pig uterus. Porter DG, et al. *N Engl J Med* 291:255-63, 11 Jun 74
- Progesterone concentration in milk and blood during pregnancy in cows. Ginther OJ, et al. *Proc Soc Exp Biol Med* 146:354-7, Jun 74
- An improved method for the study of high-affinity steroid binding: oestradiol binding in brain and pituitary. Ginsburg M, et al. *Steroids* 23:773-82, Jun 74
- [Improvement of fluorimetric estimation of delta 4-3-ketosteroids by means of lithium hydroxide reaction for analysis at the nanogram level (author's transl)] Kaplan HG, et al. *Clin Chim Acta* 51:113-7, 15 Mar 74 (Eng. Abstr.) (Ger)
- [Semi thin section cytochemical and immunologic autoradiographical findings on hormone metabolism of the ripe human placenta] Kaufmann P, et al. *Verh Anat Ges* 87:245-9, 1972 (Eng. Abstr.) (Ger)

BIOSYNTHESIS

- Conversion of labelled cholesterol to neutral steroids by human ovaries perfused in vivo. Dell'Acqua S, et al. *Acta Endocrinol* (Kbh) 75:368-78, Feb 74
- The influence of ethanol on the conversion of pregnenolone to progesterone by human placental microsomes. Lübbert H, et al. *Acta Endocrinol* (Kbh) 76:178-88, May 74
- Pregnenolone and pregnenolone sulfate metabolism in vivo and uterine extraction at midgestation. Billiar RB, et al. *J Clin Endocrinol Metab* 39:27-35, Jul 74
- Proceedings: Gonadal steroid synthesis in the Virginian opossum, *Didelphis marsupialis*. Cook B, et al. *J Endocrinol* 61:ix, Apr 74
- Prostaglandin receptors in the bovine corpus luteum cell membranes. Rao CV. *Prostaglandins* 6:533-6, 25 Jun 74
- The biosynthesis of estrogens by cow follicles. Lacroix E, et al. *Steroids* 23:337-56, Mar 74
- [Endocrine sterility. Diagnosis and treatment] Campagnoli C. *Minerva Ginecol* 28:159-65, Mar 74 (Ita)

BLOOD

- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. *Acta Endocrinol* (Kbh) 75:209-20, Feb 74
- Hormone and enzyme assays in pregnancy. II. The human chorionic somatomammotrophin, progesterone and placental cystine-aminopeptidase levels in normal pregnancy. Christensen A, et al. *Acta Endocrinol* (Kbh) 76:201-8, May 74
- Effects of norethisterone on pituitary and ovarian function. Collins WP, et al. *Acta Endocrinol* (Kbh) 75:357-67, Feb 74
- The progesterone content of the fluid and the activity of the steroid-3beta-ol-dehydrogenase within the wall of the ovarian follicles. Friedrich F, et al. *Acta Endocrinol* (Kbh) 76:343-52, Jun 74
- Luteolytic effects of prostaglandins in rat pregnancy, and reversal by luteinizing hormone. Fuchs AR, et al. *Acta Endocrinol* (Kbh) 76:583-96, Jul 74
- Serum human placental lactogen hormone concentration in the second half of pregnancy determined by a simple immunoelectrophoretic technique. Gaede P, et al. *Acta Endocrinol* (Kbh) 76:369-76, Jun 74
- On fibrinolysis and coagulation during parturition and menstruation. Hahn L. *Acta Obstet Gynecol Scand [Suppl]* 28:7-40, 1974 (118 ref.)
- Peripheral plasma levels of estrone and progesterone in pregnant pigs treated with dexamethasone. Bosu WT, et al. *Acta Vet Scand* 15:111-9, 1974
- Endocrine laboratory assays in obstetrics and gynecology. Boots LR, et al. *Ala J Med Sci* 10:445-52, Oct 73
- The evolutionary history of the corpus luteum. Browning HC. *Biol Reprod* 8:128-57, Mar 73 (156 ref.)
- The effects of phenothiazines on endocrine function: I. Patients with inappropriate lactation and amenorrhoea. Beumont PJ, et al. *Br J Psychiatry* 124:413-9, May 74
- Circulating levels of prolactin during the menstrual

cycle. McNeilly AS, et al.

- Clin Endocrinol (Oxf)* 3:105-12, Apr 74
- Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Oakley RE, et al. *Clin Endocrinol (Oxf)* 3:131-48, Apr 74
- Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia. Reschini E, et al. *Clin Endocrinol (Oxf)* 3:209-13, Apr 74
- Pituitary-ovarian interrelationships in the rat. Neill JD, et al. *Curr Top Exp Endocrinol* 2:73-106, 1974
- Age and sex differences in averaged evoked responses in a normal population, with observations on patients with gonadal dysgenesis. Buchsbaum MS, et al. *Electroencephalogr Clin Neurophysiol* 37:137-44, Aug 74
- Circulating concentrations of FSH, LH, estradiol, and progesterone associated with acute, male-induced puberty in female mice. Bronson FH, et al. *Endocrinology* 94:1658-68, Jun 74
- Plasma concentration of LH, FSH, prolactin, progesterone and estradiol-17beta throughout the 4-day estrous cycle of the rat. Butcher RL, et al. *Endocrinology* 94:1704-8, Jun 74
- The concentrations of progesterone, estrone and estradiol-17beta in the myometrium of the pregnant rabbit and their relationship to the peripheral plasma steroid concentrations. Challis JR, et al. *Endocrinology* 95:160-4, Jul 74
- Total blockade of phasic pituitary prolactin release in rats: effect on serum LH and progesterone during the estrous cycle and pregnancy. Döhler KD, et al. *Endocrinology* 94:1595-600, Jun 74
- Temporal aspects of the regulation of corpus luteum function by luteinizing hormone, prolactin and placental luteotrophin during the first half of pregnancy in the rat. Morishige WK, et al. *Endocrinology* 95:260-74, Jul 74
- A comparative study of serum progesterone levels in pregnancy and in various types of pseudopregnancy in the rat. Pepe GJ, et al. *Endocrinology* 95:275-9, Jul 74
- Factors affecting the dependency of LH in the regulation of corpus luteum progesterone secretion in the rat. Rothchild I, et al. *Endocrinology* 95:280-8, Jul 74
- Radioimmunoassay of plasma progesterone during the reproductive cycle of male and female ring doves (*Streptopelia risoria*). Silver R, et al. *Endocrinology* 94:1547-54, Jun 74
- Blood progesterone concentrations in pregnant and non-pregnant mares. Allen WE, et al. *Equine Vet J* 6:87-93, Apr 74
- Induction of parturition in swine with prostaglandin F2alpha. Diehl JR, et al. *J Anim Sci* 38:1229-34, Jun 74
- Serum steroid levels following a large intravenous dose of a steroid sulfate precursor during the second trimester of human pregnancy. II. Pregnenolone sulfate. Buster JE, et al. *J Clin Endocrinol Metab* 38:1038-45, Jun 74
- Clinical and hormonal response to bromocriptin (CB-154) in the galactorrhea syndromes. Del Pozo E, et al. *J Clin Endocrinol Metab* 39:18-26, Jul 74
- Measurement of serum LH, FSH, estradiol and progesterone in disorders of the human menstrual cycle: the inadequate luteal phase. Sherman BM, et al. *J Clin Endocrinol Metab* 39:145-9, Jul 74
- Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. Laatikainen TJ, et al. *J Clin Invest* 53:1709-15, Jun 74
- Ovarian hormones and sexual behavior in Macaca Nemestrina. Eaton GG, et al. *J Comp Physiol Psychol* 86:919-25, May 74
- Proceedings: Comparison of steroid hormone production in the gonadotrophin-stimulated menstrual cycle with that found in the normal human menstrual cycle. Coutts JR, et al. *J Endocrinol* 61:28-9, Apr 74
- Modifications in ovarian and pituitary function in the hysterectomized pregnant hamster. Greenwald GS. *J Endocrinol* 61:45-51, Apr 74
- A comparative study of progesterone- and cortisol-binding activity in the uterus and serum of pregnant and non-pregnant women. Guériguan JL, et al. *J Endocrinol* 61:331-45, Jun 74
- Proceedings: The lack of response of the sheep pituitary to luteinizing hormone releasing hormone stimulation in gestation and early lactation; the probable role of progesterone. Jenkin G, et al. *J Endocrinol* 61:12-3, Apr 74
- Proceedings: Plasma and pituitary hormone levels

GONADS

PROGESTERONE

during early stages of pregnancy in the rat. O'Grady JE, et al. *J Endocrinol* 61:xxvvi, Apr 74

Determination of progesterone in human plasma by radioimmunoassay. Calabresi E, et al. *J Nucl Biol Med* 18:30-7, Jan-Mar 74

The gonadotrophins and their releasing factors. Greep RO. *J Reprod Fertil [Suppl]* 20:1-9, Dec 73 (25 ref.)

Proceedings: Plasma oestradiol and progesterone estimations in the monitoring of the induction of ovulation by human menopausal gonadotrophin and human chorionic gonadotrophin. McGarrigle HH, et al. *N Engl J Med* 291:xxxixxxxii, 11 Jun 74

Progesterone concentration, intraluminal pressure and electrical activity of the guinea-pig uterus. Porter DG, et al. *N Engl J Med* 291:255-63, 11 Jun 74

Proceedings: Radioimmunoassay of progesterone: comparison of 3H- and 125I-labelled radioligands. Scarisbrick JJ, et al. *N Engl J Med* 291:xlxlxi, 11 Jun 74

Proceedings: Luteinizing hormone and progesterone in the plasma of anoestrous ewes. Walton JS, et al. *N Engl J Med* 291:82-3, 11 Jun 74

Etiology and treatment of dysfunctional uterine bleeding. Aksel S, et al. *Obstet Gynecol* 44:1-13, Jul 74

Plasma hormone profiles following high-dose intraamniotic prostaglandin F2alpha. Craft I, et al. *Obstet Gynecol* 44:135-41, Jul 74

Serum progesterone values in the luteal phase defects. Effect of chorionic gonadotropin. Jones GS, et al. *Obstet Gynecol* 44:26-34, Jul 74

The ovulatory cycle. A histologic, thermal, steroid, and gonadotropin correlation. Lundy LE, et al. *Obstet Gynecol* 44:14-25, Jul 74

Effects of prostaglandin F2alpha on human corpora lutea. An enzyme histochemical, ultrastructural, and hormonal study. Okamura H, et al. *Obstet Gynecol* 44:127-34, Jul 74

Progesterone concentration in milk and blood during pregnancy in cows. Ginther OJ, et al. *Proc Soc Exp Biol Med* 146:354-7, Jun 74

The influence of progesterone on adrenocortical function in the rat. Rodier WI 3d, et al. *Proc Soc Exp Biol Med* 146:376-80, Jun 74

Effects of sequential treatment with estradiol and PGF2alpha on the length of the primate menstrual cycle. Shaikh AA, et al. *Prostaglandins* 6:253-62, 10 May 74

The termination of first trimester pregnancy by extraovular "prostaglandin-impact". Zoltan I, et al. *Prostaglandins* 6:211-6, 10 May 74

Preparation of 6 alpha- and 6 beta-carboxymethyl steroid conjugates and their use in radioimmunoassay for progesterone. Jones CD, et al. *Steroids* 23:323-36, Mar 74

The effect of Eck fistula upon intrasplenic ovarian neoplasm formation. Lee S, et al. *Surg Forum* 23:110-2, 1972

Ultrastructure of human uterine epithelium at the time of implantation after postovulatory administration of norethindrone. Nilsson O, et al. *Ups J Med Sci* 79:65-71, 1974

Control of the estrous cycle with prostaglandins. Downey BR. *Vet Med Small Anim Clin* 69:880 passimassim, Jul 74 (49 ref.)

Indications for special endocrinologic diagnosis in gynecology] Breckwoldt M, et al. *Fortschr Med* 92:727-31, 13 Jun 74 (Ger)

[Examination of blood progesterone determination with progesterone Radioimmunoassay-kit (Cis-Kit)] Hosoki H, et al. *Clin Endocrinol (Tokyo)* 22:435-40, Mar 74 (Jap)

CEREBROSPINAL FLUID

Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)

CHEMICAL SYNTHESIS

Synthesis and study of the labelling of pregnenolone and progesterone specifically tritiated at the 17 position. Kremers P, et al. *Steroids* 23:603-13, Apr 74

ISOLATION & PURIFICATION

Conversion of labelled cholesterol to neutral steroids by human ovaries perfused in vivo. Dell'Acqua S, et al. *Acta Endocrinol (Kbh)* 75:368-78, Feb 74

METABOLISM

The progesterone content of the fluid and the activity of the steroid-3beta-ol-dehydrogenase within the wall of the ovarian follicles. Friedrich F, et al. *Acta Endocrinol (Kbh)* 76:343-52, Jun 74

In vitro metabolism of steroid hormones by chicken brain. Nakamura T, et al. *Acta Endocrinol (Kbh)* 75:410-6, Feb 74

Characteristics of the nuclear and microsomal steroid delta-4-5 alpha-hydrogenase of the rat prostate. Nozu K, et al. *Acta Endocrinol (Kbh)* 76:608-24, Jul 74

A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al. *Biochem Biophys Res Commun* 58:983-9, 18 Jun 74

Cholesterol and cholesterol sulfate as substrates for the adrenal side-chain cleavage enzyme. Hochberg RB, et al. *Biochemistry* 13:1938-45, 23 Apr 74

Studies on corticosterone-receptor complexes from mouse placenta. Wong MD, et al. *Can J Biochem* 52:190-5, Mar 74

Chromatin-associated receptors for estrogen, progesterone, and dihydrotestosterone and the induction of egg white protein synthesis in chick magnum. Palmiter RD, et al. *Cell Differ* 2:163-70, Jul 73

Biosynthesis of steroids from (14C)cholesterol, (3H)progesterone and (3H)pregnenolone by human adrenal carcinoma tissue. Nishida S, et al. *Clin Chim Acta* 52:97-103, Mar 74

New potent inhibitors of 3beta-hydroxy-delta 5-steroid oxidoreductase with short duration of action. Begue RJ, et al. *Endocrinology* 95:238-46, Jul 74

Circulating LH and FSH levels and testicular function in hamsters during light deprivation and subsequent photoperiodic stimulation. Berndtson WE, et al. *Endocrinology* 95:195-205, Jul 74

The concentrations of progesterone, estrone and estradiol-17beta in the myometrium of the pregnant rabbit and their relationship to the peripheral plasma steroid concentrations. Challis JR, et al. *Endocrinology* 95:160-4, Jul 74

Deficiency of deoxycorticosterone-binding protein in the hypothalamus of rats resistant to deoxycorticosterone-induced hypertension. Lassman MN, et al. *Endocrinology* 94:1541-6, Jun 74

Initiation of luteinization in rabbit Graafian follicles by dibutyl cyclic AMP in vitro. Miller JB, et al. *Endocrinology* 95:253-9, Jul 74

Studies on a specific glucocorticoid-hormone receptor in the developing chick retina. Wiggert BO, et al. *Exp Eye Res* 18:477-84, May 74

Free cell suspensions from rat placental tissue: metabolism of pregnenolone-4-14C and progesterone-4-14C. Dziadkowiec I, et al. *Experientia* 30:438-9, 15 Apr 74

Androgen assimilation by normal and hyperplastic dog prostate glands. Mawhinney MG, et al. *Invest Urol* 12:17-22, Jul 74

Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al. *Invest Urol* 12:43-9, Jul 74

Development of the secondary interstitial gland in the rabbit ovary. Mori H, et al. *J Anat* 116:417-30, Dec 73

Proceedings: Mechanism of action of glucocorticoids in induction of ovine parturition: effect on placental steroid metabolism. Anderson AB, et al. *J Endocrinol* 61:xxxvixxxvii, Apr 74

Proceedings: The role of oestradiol and progesterone uptake and binding studies in human endometrial physiology and pathology. Brush MG. *J Endocrinol* 61:3-4, Apr 74

A comparative study of progesterone- and cortisol-binding activity in the uterus and serum of pregnant and non-pregnant women. Guériguan JL, et al. *J Endocrinol* 61:331-45, Jun 74

Proceedings: Effects of aminoglutethimide and SU 10'603 on the biosynthesis of C19 steroids. Lyne C, et al. *J Endocrinol* 61:xvixvii, Apr 74

Proceedings: Steroid metabolism by the prepubertal human testis. Richards G, et al. *J Endocrinol* 61:18, Apr 74

Tumorigenesis by cadmium. Lucis OJ, et al. *Oncology* 26:53-67, 1972

Studies on the structure and function of the mammalian testis. IV. Steroid metabolism in vitro by isolated interstitium and seminiferous tubules of rat testis after heat sterilization. Collins P, et al. *Proc R Soc Lond [Biol]* 186:37-51, 7 May 74

- A competitive radioligand assay for danazol (17 alpha-pregn-4-en-20-yno(2,3-d)isoxazol-17-ol) using pregnant guinea pig plasma. Creange JE, et al. *Steroids* 23:411-20, Mar 74
- Preparation of 6 alpha- and 6 beta-carboxymethyl steroid conjugates and their use in radioimmunoassay for progesterone. Jones CD, et al. *Steroids* 23:323-36, Mar 74
- The biosynthesis of estrogens by cow follicles. Lacroix E, et al. *Steroids* 23:337-56, Mar 74
- Metabolism of progesterone by rat brain, pituitary gland and other tissues. Tabel T, et al. *Steroids* 23:651-66, May 74
- Affinities of progesterone and estrogen receptors in rabbit uterus for synthetic progestogens. Terenius L. *Steroids* 23:909-19, Jun 74
- [Progesterone and testosterone binding in human endometrium in pregnancy] Iudaev NA, et al. *Probi Endokrinol (Mosk)* 20:24-8, Mar-Apr 74 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

- The in vitro effect of progesterone and oestrogens on the spontaneous and oxytocin-induced activity of the human myometrium. Barnafi L, et al. *Acta Endocrinol (Kbh)* 76:172-7, May 74
- Possible mode of action of clomiphene. Chatterjee A, et al. *Acta Endocrinol (Kbh)* 75:173-80, Jan 74
- Effects of norethisterone on pituitary and ovarian function. Collins WP, et al. *Acta Endocrinol (Kbh)* 75:357-67, Feb 74
- Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hipkin LJ. *Acta Endocrinol (Kbh)* 75:141-7, Jan 74
- Sex steroids stimulate the activity of hypothalamic arylamidases in the rat. Kuhl H, et al. *Acta Endocrinol (Kbh)* 76:1-14, May 74
- In vitro effects of oestradiol and progesterone on the nucleic acid biosyntheses of the human full term placenta. Sarkar GC, et al. *Acta Endocrinol (Kbh)* 75:379-84, Feb 74
- The immediate response of the plasma prolactin level to oestrogen and progesterone infusions in bulls. Schams D, et al. *Acta Endocrinol (Kbh)* 76:242-7, Jun 74
- The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al. *Acta Endocrinol [Suppl] (Kbh)* 187:3-62, 1974
- Comparison of alpha- and beta-receptor stimulation in the circular and longitudinal muscle of the oestrogen and progesterone dominated rabbit uterus. Nesheim BI. *Acta Pharmacol Toxicol (Kbh)* 34:295-304, Apr 74
- Intravenous cholangiography and peroral contraceptives. A preliminary report. Lindgren P, et al. *Acta Radiol [Diagn] (Stockh)* 15:217-24, Mar 74
- Psychological reactions to hysterectomy: a critical review. Pollvy J. *Am J Obstet Gynecol* 118:417-26, 1 Feb 74 (23 ref.)
- The effects of hormones and chemotherapeutic agents on rat uterine adenocarcinoma cells in tissue culture. Sekiya S, et al. *Am J Obstet Gynecol* 119:675-80, 1 Jul 74
- Plasma prolactin, LH, and corticosterone in rats exposed to a novel environment. Baldwin DM, et al. *Am J Physiol* 226:1366-9, Jun 74
- Ultrastructural changes of rat blastocysts induced by estrogen during delayed implantation. Wu JT, et al. *Anat Rec* 179:253-72, Jun 74
- Experimental study on the male pattern alopecia. I. Differences between the testosterone transport protein in bald and hairy areas. Bassas E, et al. *Arch Dermatol Forsch* 248:339-46, 20 Feb 74
- A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells. Lin M, et al. *Biochem Biophys Res Commun* 58:983-9, 18 Jun 74
- Alterations in adenylate cyclase activity of the rat prostate gland. Sutherland DJ, et al. *Biochim Biophys Acta* 343:238-49, 20 Mar 74
- The effect of ovarian steroids on the accumulation of 3H-labelled monoamines by hypothalamic tissue in vitro. Enderby CA, et al. *Brain Res* 73:321-31, 20 Jun 74
- Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane

- anesthesia. Lichtensteiger W, et al. *Brain Res* 74:279-303, 12 Jul 74
- Stimulation of (3H)leucine incorporation into protein by estradiol-17beta or progesterone in brain tissues of ovariectomized guinea pigs. Wade GN, et al. *Brain Res* 73:545-9, 28 Jun 74
- Action of progesterone and related steroids on oocyte maturation in *Xenopus laevis*. An in vitro study. Schorderet-Slatkine S. *Cell Differ* 1:179-89, Aug 72
- Progesterone induced maturation in oocytes of *Xenopus laevis*. Appearance of a 'maturation promoting factor' in enucleated oocytes. Schorderet-Slatkine S, et al. *Cell Differ* 2:247-54, Oct 73
- Oxidative metabolism of chicken semen and washed spermatozoa in the presence of various steroid hormones. Sexton TJ. *Comp Biochem Physiol [B]* 47:799-804, 15 Apr 74
- Proteins in the uterine secretions of the marsupial *Macropus eugenii*. Renfree MB. *Dev Biol* 32:41-9, May 73
- Intrauterine development after diapause in the marsupial *Macropus eugenii*. Renfree MB, et al. *Dev Biol* 32:28-40, May 73
- Studies on the appearance and nature of a maturation-inducing factor in the cytoplasm of amphibian oocytes exposed to progesterone. Reynhout JK, et al. *Dev Biol* 38:394-400, Jun 74
- Action of estrogenized uterine RNA on ovum implantation. Hayashi K, et al. *Endocrinol Jap* 20:517-25, Oct 73
- Acute effects of ovarian steroids upon follicular growth in the cycling rat. Hori T, et al. *Endocrinol Jap* 20:475-82, Oct 73
- Metabolic fate of androgens in the pineal organ: uptake binding to cytoplasmic proteins and conversion of testosterone into 5alpha-reduced metabolites. Cardinali DP, et al. *Endocrinology* 95:179-87, Jul 74
- Spirolactone and testicular cytochrome P-450: decreased testosterone formation in several species and changes in hepatic drug metabolism. Menard RH, et al. *Endocrinology* 94:1628-36, Jun 74
- Uterine phosphorylase: in vivo activity is inversely related in vitro inactivation. Rinaud GA, et al. *Endocrinology* 94:1621-7, Jun 74
- Divergent effects of infused progesterone on the reflexive release of oxytocin in ovariectomized goats variously treated with 17beta-estradiol. Roberts JS. *Endocrinology* 94:1531-5, Jun 74
- In vitro inhibition of LH release by a synthetic antagonist of LH-releasing hormone (LH-RH). Vilchez-Martinez JA, et al. *Endocrinology* 95:213-8, Jul 74
- Prostaglandin receptors in the human, monkey and hamster uterus. Wakeling AE, et al. *Endocrinology* 95:55-64, Jul 74
- Effect of protoporphyrin on porphyrin formation in avian hepatocytes. Doss M. *Enzyme* 16:231-6, 1973
- Porphobilinogen oxygenase: isolation and properties. Frydman RB, et al. *Enzyme* 16:160-71, 1973
- Autoradiographic studies on the influence of ACTH and ovarian hormones on proliferation of epithelial cells of the mammary gland in white mice. Teppa-Szumowska E. *Folia Morphol (Warsz)* 33:37-44, 1974
- Suppression of lordosis in guinea pigs by ethamoxy-triphetol (MER-25) given at long intervals (34-46 hr) after estradiol benzoate treatment. Feder HH, et al. *Horm Behav* 5:63-71, Mar 74
- Independence of progesterone-induced facilitation and inhibition of lordosis behavior in ovariectomized guinea pigs. Morin LP, et al. *Horm Behav* 5:7-12, Mar 74
- Septal lesions: effects on lordosis behavior and pattern of gonadotropin release. Nance DM, et al. *Horm Behav* 5:73-81, Mar 74
- Progesterone and the ovarian-adrenal modulation of energy balance in rats. Ross GE, et al. *Horm Behav* 5:43-62, Mar 74
- Effects of an estrogen antagonist, MER-25, on mounting behavior and lordosis behavior in the female rat. Södersten P. *Horm Behav* 5:111-21, Mar 74
- Effects of some psychoactive agents on prolactin secretion in rats of different endocrine states. Clemens JA, et al. *Horm Metab Res* 6:187-90, May 74
- Histological and biochemical changes in the rat uterus during delayed implantation. Singh MM, et al. *Indian J Exp Biol* 11:488-93, Nov 73
- Proceedings: Hypothalamic sites of action of

- progesterone in the control of ovulation in the rat. Friedkaas J. *J Anat* 116:466-7, Dec 73
- Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74
- Proceedings: Effect of ovarian steroids on pituitary sensitivity to luteinizing hormone releasing factor in the rat. Alyer MS, et al. *J Endocrinol* 61:xii, Apr 74
- Induction by gonadal hormones of hepatic lipogenic enzyme activity in immature pullets. Balnave D, et al. *J Endocrinol* 61:29-43, Apr 74
- Evidence that delta5-3beta-hydroxysteroid dehydrogenase activity in rat blastocysts is autonomous. Dickmann Z, et al. *J Endocrinol* 61:513-4, Jun 74
- Proceedings: Hormonal effects on enzymes and intermediates of carbohydrate metabolism in rat uterus. Greenstreet RA, et al. *J Endocrinol* 61:xlv, Apr 74
- Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al. *J Endocrinol* 61:123-31, Apr 74
- Effect of relaxin on oestrogen-induced uterine luminal fluid accumulation in the ovariectomized rat. Kennedy TG. *J Endocrinol* 61:347-53, Jun 74
- Effect of neonatal administration of different androgens in the female rat: correlation between aromatization and the induction of sterilization. McDonald PG, et al. *J Endocrinol* 61:95-103, Apr 74
- Proceedings: Effect of intravenous infusion of oestradiol-17 beta, with and without prior progesterone treatment, on the plasma luteinizing hormone and follicle-stimulating hormone concentrations in anoestrous ewes. Pant HC, et al. *J Endocrinol* 61:vi, Apr 74
- Proceedings: Preliminary studies on the secretion of prostaglandin F from the autotransplanted uterus of the ewe after exogenous progesterone and oestradiol. Scaramuzzi RJ, et al. *J Endocrinol* 61:xxxv, Apr 74
- Effects of grouping on sexual receptivity in female hamsters. Lisk RD, et al. *J Exp Zool* 189:1-6, Jul 74
- Influence of sex hormones on vitamin K deficiency and epoxidation of vitamin K in the rat. Matschner JT, et al. *J Nutr* 104:660-5, Jun 74
- Implantation in rats treated neonatally with testosterone propionate. Kramen MA. *J Reprod Fertil* 38:461-3, Jun 74
- Cytophotometric and autoradiographic evaluation of cell kinetics in decidua growth in rats. Leroy F, et al. *J Reprod Fertil* 38:441-9, Jun 74
- The survival of intrauterine skin autografts and allografts in sheep. Reimers TJ, et al. *J Reprod Fertil* 38:465-7, Jun 74
- The effect of lactation on the resumption of reproductive activity and the preOVULATORY RELEASE OF LH in Finn x Dorset ewes. Shevah Y, et al. *J Reprod Fertil* 38:369-78, Jun 74
- Proceedings: Effects of estradiol-17beta and progesterone on DNA synthesis in the uterus of the mouse. Koseki Y, et al. *Jap J Pharmacol* 24:Suppl:129, 1974
- Biochemical changes during progesterone-induced maturation in *Xenopus laevis* oocytes. Brachet J, et al. *Mol Cell Biochem* 3:189-205, 30 May 74
- Proceedings: Adrenal function, oestrogen and the control of parturition in the guinea-pig. Donovan BT, et al. *N Engl J Med* 291:lxixlxii, 11 Jun 74
- Vaginal mucification in the ovariectomized rat in response to 5alpha-pregnane-3,20-dione, testosterone and 5alpha-androstan-17beta-ol-3-one: test for progestogenic activity. Kennedy TG. *N Engl J Med* 291:293-300, 11 Jun 74
- Progesterone concentration, intraluminal pressure and electrical activity of the guinea-pig uterus. Porter DG, et al. *N Engl J Med* 291:255-63, 11 Jun 74
- Protection by catatonic steroids against the paralysis caused by combined treatment with thyroxine and methylphenidate. Selye H, et al. *Neuropharmacology* 11:693-6, Sep 72
- Feeding in sheep modified by intraventricular estradiol and progesterone. Forbes JM. *Physiol Behav* 12:741-7, May 74
- The ovulatory surge of gonadotropin and sexual receptivity in the female golden hamster. Goldman BD, et al. *Physiol Behav* 12:991-5, Jun 74
- Food intake and body weight modifications following medial hypothalamic hormone implants in female rats. Jankowiak R, et al. *Physiol Behav* 12:875-9, May 74
- Reactivity to aversive stimuli as a function of alterations in body weight in normal and gonadectomized female rats. Marks HE, et al. *Physiol Behav* 9:539-44, Oct 72
- Effects of intracerebral implants of steroid hormones on scent marking in the ovariectomized female gerbil (*Meriones unguiculatus*). Owen K, et al. *Physiol Behav* 12:755-60, May 74
- Sex hormones and kinetics of anaphylactic histamine release. Conrad MJ, et al. *Physiol Chem Phys* 6:11-6, 1974
- Estrogen-related increases in uterine guanosine 3':5'-cyclic monophosphate levels. Kuehl FA Jr, et al. *Proc Natl Acad Sci USA* 71:1866-70, May 74
- The lipid response to female gonadal hormones of male rats given a high-sucrose diet. Jefferys DB, et al. *Proc Nutr Soc* 32:60A, Sep 73
- President's address. Muscle spasm in the etiology of chronic peptic ulcer. Qvist G. *Proc R Soc Med* 67:365-9, May 74
- Regulation of a specific uterine protein by estrogen and progesterone in ovariectomized rabbits. Bullock DW, et al. *Proc Soc Exp Biol Med* 146:294-8, May 74
- DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al. *Proc Soc Exp Biol Med* 146:401-5, Jun 74
- Reversal by progesterone of barbiturate blockade of ovulation: effect on concentration of serum LH. McCormack CE, et al. *Proc Soc Exp Biol Med* 146:329-32, Jun 74
- The influence of progesterone on adrenocortical function in the rat. Rodier WI 3d, et al. *Proc Soc Exp Biol Med* 146:376-80, Jun 74
- Fertility in ewes treated with luteinizing hormone-releasing factor. Segerson EC Jr, et al. *Proc Soc Exp Biol Med* 146:518-21, Jun 74
- Involvement of catecholamines in feedback mechanisms. Kalra P, et al. *Prog Brain Res* 39:185-98, 1973
- Effects of sequential treatment with estradiol and PGF2alpha on the length of the primate menstrual cycle. Shaikh AA, et al. *Prostaglandins* 6:253-62, 10 May 74
- Effect of exogenous progesterone on the rates of uterine blood flow and oxygen consumption of sheep in early pregnancy. Caton D, et al. *Q J Exp Physiol* 59:233-9, Jul 74
- The effect of exogenous progesterone on the rate of blood flow of the uterus of ovariectomized sheep. Caton D, et al. *Q J Exp Physiol* 59:225-31, Jul 74
- Effect of estradiol on the hypothalamic regulation of body weight in the rat. Reynolds RW, et al. *Res Commun Chem Pathol Pharmacol* 7:715-24, Apr 74
- Studies on plasma coagulation and fibrinolysis during oral contraception of various types with special reference to cold activation of factor VII. Gjonnaess H, et al. *Scand J Haematol* 12:232-40, 1974
- The progestational and anti-estrogenic activities of some novel 11beta-substituted steroids. Gilbert HG, et al. *Steroids* 23:585-602, Apr 74
- Genetic regulation of hormone action: selective effects of progesterone and dihydroprogesterone (5alpha-pregnane-3,20-dione) on sexual receptivity in mice. Gorzalka BB, et al. *Steroids* 23:499-505, Apr 74
- [Morphometry of the endometrium] Boschma F, et al. *Ned Tijdschr Geneesk* 118:894, 8 Jun 74 (Dut)
- [Effects of hormonal control on the drug sensitivity of the vas deferens and seminal vesicle. 1] Ozawa H, et al. *Folia Pharmacol Jap* 69:557-69, Jul 73 (Eng. Abstr.) (Jap)
- [Role of endogenous catecholamines in processes determining sexual behavior in rats] Borzecki Z. *Pol Tyg Lek* 29:631-2, 15 Apr 74 (Pol)
- [Study of the action of certain hormonal and enzymatic preparations in early termination of pregnancy, caused by the administration of heterologous placental protein in experimental studies] Bullenko SD, et al. *Akush Ginekol (Mosk)* 49:8-11, Nov 73 (Eng. Abstr.) (Rus)
- [Regulation of enzyme biosynthesis in a culture of *Mycobacterium globiforme*, strain 193, which transforms steroids] Gotovtseva VA, et al. *Mikrobiologiya* 42:434-40, May-Jun 73 (Eng. Abstr.) (Rus)

PHYSIOLOGY

- Pituitary-ovarian interrelationships in the rat. Neill JD, et al. *Curr Top Exp Endocrinol* 2:73-106, 1974
- An inhibitory action of prolactin on isolated rabbit myometrium. Matl JK, et al. *East Afr Med J* 51:228-31, Feb 74
- Variation of nuclear size of neurons of the ventromedial nucleus in relation to spermatogenesis in the squirrel monkey (*Saimiri sciureus*). Bubenik GA, et al. *Experientia* 30:378-9, 15 Apr 74
- Hormones and neoplasia. Forrest AP. *J Clin Pathol [Suppl]* 7:65-71, 1974 (76 ref.)
- Endocrine interactions in regulation of body weight by female rats. Stern JJ, et al. *J Comp Physiol Psychol* 86:926-9, May 74
- Evidence that delta5-3beta-hydroxysteroid dehydrogenase activity in rat blastocysts is autonomous. Dickmann Z, et al. *J Endocrinol* 61:513-4, Jun 74
- Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al. *J Invest Dermatol* 63:75-84, Jul 74 (57 ref.)
- Proceedings: Epidemiology of human breast cancer. Cole P. *J Invest Dermatol* 63:133-7, Jul 74 (33 ref.)
- Proceedings: Neuroendocrinology of lactation. Meltes J. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)
- Proceedings: Hormonal regulation of breast development and activity. Porter JC. *J Invest Dermatol* 63:85-92, Jul 74 (77 ref.)
- Further analysis of the CNS regulation of adenohipophysial LH release: facilitation of the ovulatory LH surge by oestrogen and progesterone. Barraclough CA, et al. *J Reprod Fertil [Suppl]* 20:61-96, Dec 73 (40 ref.)
- Electrical stimulation of forebrain structures and its effect on copulatory as well as stimulus-bound behavior in ovariectomized hormone-primed rats. Moss RL, et al. *Physiol Behav* 12:997-1004, Jun 74
- [Editorial: Benign mastopathies of unknown pathology] Mauvais-Jarvis P, et al. *Nouv Presse Med* 3:993-4, 20 Apr 74 (Fre)

SECRETION

- Ovarian secretion of pregnane compounds during the estrous cycle and pregnancy in rats. Ichikawa S, et al. *Endocrinology* 94:1615-20, Jun 74
- Factors affecting the dependency of LH in the regulation of corpus luteum progesterone secretion in the rat. Rothchild I, et al. *Endocrinology* 95:280-8, Jul 74
- Measurement of serum LH, FSH, estradiol and progesterone in disorders of the human menstrual cycle: the inadequate luteal phase. Sherman BM, et al. *J Clin Endocrinol Metab* 39:145-9, Jul 74
- Ovarian hormones and sexual behavior in Macaca Nemestrina. Eaton GG, et al. *J Comp Physiol Psychol* 86:919-25, May 74
- The ovarian follicle of the sheep: inhibition of oestrogen secretion by luteinizing hormone. Moor RM. *J Endocrinol* 61:455-63, Jun 74
- [Modifications of ovarian 17 beta estradiol in female rats treated by LH at the onset of 4 day cycles] Roser S, et al. *C R Acad Sci [D] (Paris)* 277:1799-801, 29 Oct 73 (Fre)
- [Editorial: Benign mastopathies of unknown pathology] Mauvais-Jarvis P, et al. *Nouv Presse Med* 3:993-4, 20 Apr 74 (Fre)
- [Endocrine disorders of the fetal and placental system] Kuwabara Y. *Clin Endocrinol (Tokyo)* 22:136-7, Jan 74 (Jap)

THERAPEUTIC USE

- Blood and neoplastic diseases. Thrombocytopenia. Barkhan P. *Br Med J* 2:324-5, 11 May 74
- Probably monozygotic twins with discordance for Goldenhar syndrome. Papp Z, et al. *Clin Genet* 5:86-90, 1974
- Premature ovarian failure in a triple X female. Smith HC, et al. *J Obstet Gynaecol Br Commonw* 81:405-9, May 74
- Serum progesterone values in the luteal phase defects. Effect of chorionic gonadotropin. Jones GS, et al. *Obstet Gynecol* 44:28-34, Jul 74
- Progesterone in the management of hormone-dependent inoperable tumours. Szemesi I. *Ther Hung* 20:150-1, 1972
- [Correlation between pregnancy complications and

- congenital malformations in the newborn infant] Ifrim M, et al. *Acta Univ Carol [Med Monogr] (Praha)* 56:105-7, 1973 (Fre)
- [Results of treating mastodynias and mastopathies with percutaneous progesterone] Mauvais-Jarvis P, et al. *Nouv Presse Med* 3:1027-8, 20 Apr 74 (Fre)
- [Hormonal treatment of juvenile menstruation disorders] Sas M. *Fortschr Med* 92:641-2, 23 May 74 (Ger)
- [Hormone therapy of breast carcinoma] Bruni B. *G Batteriol Virol Immunol [Clin]* 15:36-64, Jan-Aug 72 (Ita)
- [Drug therapy of endometriosis] Macchioni R. *Minerva Ginecol* 26:180-5, Mar 74 (Ita)
- [Endocrine disorders of the fetal and placental system] Kuwabara Y. *Clin Endocrinol (Tokyo)* 22:136-7, Jan 74 (Jap)

URINE

- Effects of norethisterone on pituitary and ovarian function. Collins WP, et al. *Acta Endocrinol (Kbh)* 75:357-67, Feb 74
- [Noise-induced reactions during menstrual cycle (author's transl)] Griefahn B. *Eur J Appl Physiol* 32:171-82, 5 Feb 74 (Eng. Abstr.) (Ger)

RELAXIN

ISOLATION & PURIFICATION

- Purification and characterization of porcine relaxin. Sherwood CD, et al. *Arch Biochem Biophys* 160:185-96, Jan 74

PHARMACODYNAMICS

- Purification and characterization of porcine relaxin. Sherwood CD, et al. *Arch Biochem Biophys* 160:185-96, Jan 74
- Effect of relaxin on oestrogen-induced uterine luminal fluid accumulation in the ovariectomized rat. Kennedy TG. *J Endocrinol* 61:347-53, Jun 74

SEX HORMONES

ADMINISTRATION & DOSAGE

- [Letter: Implantation or injection] Lauritzen C. *Z Allgemeinmed* 50:257, 20 Feb 74 (Ger)

ADVERSE EFFECTS

- Letter: Birth defects and oral hormone preparations. David TJ, et al. *Lancet* 1:1236, 15 Jun 74

ANALYSIS

- Gluconeogenesis and hepatic glycogen formation in relation to the rat estrous cycle. Sladek CD. *Horm Metab Res* 6:217-21, May 74

BIOSYNTHESIS

- Bone turnover-sex hormone-parathyroid hormone interrelationships in postmenopausal osteoporosis. Riggs B, et al. *Boll Soc Ital Biol Sper* 49:732-7, 30 Jul 73
- Proceedings: Gonadal steroid synthesis in the Virginian opossum, *Didelphis marsupialis*. Cook B, et al. *J Endocrinol* 61:1x, Apr 74

BLOOD

- Sex-hormone-binding globulin. Anderson DC. *Clin Endocrinol (Oxf)* 3:69-96, Jan 74 (145 ref.)
- [Value of monoamine oxidase activity determination in hormonal disorders in women] Matuszewski W, et al. *Ginecol Pol* 45:609-12, May 74 (Eng. Abstr.) (Pol)

METABOLISM

- Editorial: Sex and alcohol. Van Thiel DH, et al. *N Engl J Med* 291:251-3, 1 Aug 74
- Postmenopausal osteoporosis. Pathogenesis and the mode of action of hormone therapy. Holló I. *Ther Hung* 20:123-6 passim, 1972
- [Aspects of hypersexuality observed in parkinsonian

patients treated by L-dopa] Ballivet J, et al.
Ann Med Psychol (Paris) 2:515-22, Nov 73 (Fre)

PHARMACODYNAMICS

- Sex hormones--effects on prolactin cells. el Etreyby MF, et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
- Hormone-induced differentiation of antheridial branches in Achlya ambisexualis: dependence on ribonucleic acid synthesis. Horowitz DK, et al.
Can J Microbiol 20:977-80, Jul 74
- The neoplastic cell. The effects of steroid hormones and carcinogens on the interaction of membranes with polysomes. Rabin BR, et al.
J Clin Pathol [Suppl] 7:51-9, 1974 (26 ref.)
- Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al.
J Endocrinol 61:123-31, Apr 74
- Influence of sex hormones on vitamin K deficiency and epoxidation of vitamin K in the rat. Matschner JT, et al.
J Nutr 104:660-5, Jun 74
- Proceedings: Effects of sex hormones on brain monoamine oxidase activity. Kimura M, et al.
Jap J Pharmacol 24:Suppl:80, 1974
- A preview of growth hormone stimulation tests in children. Frasier SD. Pediatrics 53:929-37, Jun 74
- Adrenal corticosteroids enhance production of type-C virus induced by 5-iodo-2'-deoxyuridine from cultured mouse fibroblasts. Paran M, et al.
Proc Natl Acad Sci USA 70:2391-5, Aug 73
- DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al.
Proc Soc Exp Biol Med 146:401-5, Jun 74
- Changes in multiunit electrical activity (MUA) in rat brain during the estrous cycle and after administration of sex steroids. Kawakami M, et al.
Prog Brain Res 39:125-34, 1973
- [Role of endogenous catecholamines in processes determining sexual behavior in rats] Borzecki Z.
Pol Tyg Lek 29:631-2, 15 Apr 74 (Pol)

PHYSIOLOGY

- Sex hormones--effects on prolactin cells. el Etreyby MF, et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
- Uroporphyrinogen-3-cosynthetase activity in the Harderian gland of the golden hamster. Formgren B, et al.
Enzyme 18:146-50, 1973
- Effects of some psychoactive agents on prolactin secretion in rats of different endocrine states. Clemens JA, et al. Horm Metab Res 6:187-90, May 74
- Proceedings: Some influences of sex steroids on the aggressiveness directed towards golden hamsters (Mesocricetus auratus, Waterhouse) of both sexes by 'trained fighter' individuals. Evans CM, et al.
N Engl J Med 291:xliv-xlvii, 11 Jun 74
- [Effects of hormonal control on the drug sensitivity of the vas deferens and seminal vesicle.] Ozawa H, et al.
Folia Pharmacol Jap 69:557-69, Jul 73 (Eng. Abstr.) (Jap)
- [Theoretical and practical problems of the contractile function of the uterus] Baksheev NS.
Pediatri Akush Ginekol 3:33-9, May-Jun 74 (Ukr)

SECRETION

- The physiology of adolescence in man. Kulin HE.
J Mammal 55:133-44, May 74
- [Primary ovarian insufficiency and its clinical classification] Bösze P, et al.
Orv Hetil 115:70-3, 13 Jan 74 (Hun)
- [Juvenile fibromas] Padnikowski T, et al.
Otolaryngol Pol 28:245-9, 1974 (Pol)

THERAPEUTIC USE

- Bone turnover--sex hormone-parathyroid hormone interrelationships in postmenopausal osteoporosis. Riggs B, et al. Boll Soc Ital Biol Sper 49:732-7, 30 Jul 73
- DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al.
Proc Soc Exp Biol Med 146:401-5, Jun 74
- [Diabetic retinopathy] Margolis MG.
Oftalmol Zh 29:150-8, 1974 (95 ref.) (Rus)
- [Some aspects of the use of hormonal contraceptives (a

review of the literature)] Tarakhovskii ML, et al.
Pediatri Akush Ginekol 3:53-8, May-Jun 74 (Ukr)

STANOLONE

- I. Preparation of steroid-antigens through positions of the steroid not bearing functional groups. Condom R, et al. Steroids 23:483-98, Apr 74

ADMINISTRATION & DOSAGE

- Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al.
Endocrinology 94:1519-24, Jun 74

ANALYSIS

- An improved method for the study of high-affinity steroid binding: oestradiol binding in brain and pituitary. Ginsburg M, et al. Steroids 23:773-92, Jun 74

ANTAGONISTS & INHIBITORS

- Proceedings: An explanation of the antiandrogenic properties of a non-steroidal compound, SCH 13521. Mainwaring WI, et al. N Engl J Med 291:53, 11 Jun 74

BIOSYNTHESIS

- New findings on the central control of gonadotrophin secretion. Motta M, et al.
J Reprod Fertil [Suppl] 20:27-52, Dec 73 (35 ref.)
- Steroid metabolism by human breast and rat mammary carcinomata. Miller WR, et al.
Steroids 23:379-95, Mar 74

BLOOD

- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al.
Acta Endocrinol (Kbh) 76:556-69, Jul 74
- Dihydrotestosterone in human spermatic venous plasma. Pazzagli M, et al.
Acta Endocrinol (Kbh) 76:388-91, Jun 74
- Testicular endocrine function in a pubertal boy with 3beta-hydroxysteroid dehydrogenase deficiency. Jänne O, et al. J Clin Endocrinol Metab 39:206-9, Jul 74
- Estrogen-androgen imbalance in patients with hirsutism and amenorrhea. Tulchinsky D, et al.
J Clin Endocrinol Metab 39:164-9, Jul 74
- Proceedings: Plasma 17-hydroxyandrogens in elderly human subjects. Kollyannis A, et al.
J Endocrinol 61:xxx1, Apr 74
- Simultaneous radioimmunoassay of testosterone and dihydrotestosterone. Barberia JM, et al.
Steroids 23:757-66, May 74
- The determination in human males of specific testosterone and 5alpha-dihydrotestosterone binding to sex hormone binding globulin by a differential dissociation technique. Horst HJ, et al.
Steroids 23:833-44, Jun 74

METABOLISM

- Incorporation of 131-I-labeled androgen-receptor into nuclei of rat prostates. Nozu K, et al.
Biochem Biophys Res Commun 58:145-50, 7 May 74
- Chromatin-associated receptors for estrogen, progesterone, and dihydrotestosterone and the induction of egg white protein synthesis in chick magnum. Palmiter RD, et al. Cell Differ 2:163-70, Jul 73
- Testosterone concentrations in the peripheral plasma of androgenized female rats and in the estrous cycle of normal female rats. Falvo RE, et al.
Endocrinology 95:26-9, Jul 74
- Studies on hormone-cyostatic complexes in the cytoplasm of rat prostatic gland. Holsaeter PA.
Invest Urol 12:33-7, Jul 74
- Androgen assimilation by normal and hyperplastic dog prostate glands. Mawhinney MG, et al.
Invest Urol 12:17-22, Jul 74
- Syndrome of androgen insensitivity in man: absence of 5 alpha-dihydrotestosterone binding protein in skin fibroblasts. Keenan BS, et al.
J Clin Endocrinol Metab 38:1143-6, Jun 74
- Proceedings: Dihydrotestosterone binding in brain and pituitary cytosol of rats. Ginsburg M, et al.
J Endocrinol 61:xxiv, Apr 74

STANOLONE

- Proceedings: Androgen dynamics in vitro in the prostate gland. Giorgi EP, et al.
J Endocrinol 61:17-8, Apr 74
 Proceedings: Steroid metabolism by the prepubertal human testis. Richards G, et al.
J Endocrinol 61:18, Apr 74
 Cystic dilatation of sex accessory organs in common and inbred Syrian Hamsters. Belis JA, et al.
J Gerontol 29:382-92, Jul 74
 Androgen receptors in rat testis. Hansson V, et al.
Steroids 23:823-32, Jun 74
 In vitro androgen metabolism in mouse kidney: high 3-keto-reductase (3 α -hydroxysteroid dehydrogenase) activity relative to 5 α -reductase. Mowszowicz I, et al. *Steroids* 23:793-807, Jun 74
 [The in vitro formation of 5 α -dihydrotestosterone by the testis of *Discoglossus pictus*] Ozon R, et al.
Gen Comp Endocrinol 23:224-36, Jun 74 (Eng. Abstr.) (Fre)

PHARMACODYNAMICS

- Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hipkin LJ. *Acta Endocrinol (Kbh)* 75:141-7, Jan 74
 A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al.
Acta Endocrinol (Kbh) 76:556-69, Jul 74
 Cellular and subcellular localization of 3H-oestradiol in the oviduct and uterus of the neonatal rat. Sheridan PJ, et al. *Acta Endocrinol (Kbh)* 76:570-5, Jul 74
 Incorporation of 131-I-labeled androgen-receptor into nuclei of rat prostates. Nozu K, et al.
Biochem Biophys Res Commun 58:145-50, 7 May 74
 Testosterone-estradiol-binding globulin of human plasma: denaturation and protection. Rosner W, et al.
Biochim Biophys Acta 351:92-8, 10 May 74
 Alterations in adenylate cyclase activity of the rat prostate gland. Sutherland DJ, et al.
Biochim Biophys Acta 343:238-49, 20 Mar 74
 Gonad-pituitary feedback involves qualitative change: androgens alter the type of FSH secreted by the rat pituitary. Bogdanove EM, et al.
Endocrinology 95:219-28, Jul 74
 Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al.
Endocrinology 94:1519-24, Jun 74
 Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al.
J Endocrinol 61:123-31, Apr 74
 Effect of neonatal administration of different androgens in the female rat: correlation between aromatization and the induction of sterilization. McDonald PG, et al. *J Endocrinol* 61:95-103, Apr 74
 Proceedings: Studies on the maintenance of sexual behaviour in castrated rats treated with various androgens. Parrott RF. *J Endocrinol* 61:xixxx, Apr 74
 Effects of 17 β -hydroxy-4-androsten-19-ol-3-one (19-hydroxytestosterone) and 5 α -androstan-17- β -ol-3-one (dihydrotestosterone) on aspects of sexual behaviour in castrated male rats. Parrott RF.
J Endocrinol 61:105-15, Apr 74
 Vaginal mucification in the ovariectomized rat in response to 5 α -pregnane-3,20-dione, testosterone and 5 α -androstan-17 β -ol-3-one: test for progestogenic activity. Kennedy TG.
N Engl J Med 291:293-300, 11 Jun 74
 A comparison of two androgenic hormones as leukopoietic agents in irradiated rats. Horn Y.
Oncology 26:16-24, 1972
 Effects of dihydrotestosterone on sexual behavior of castrated male rhesus monkeys. Phoenix CH.
Physiol Behav 12:1045-55, Jun 74
 DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al.
Proc Soc Exp Biol Med 146:401-5, Jun 74

THERAPEUTIC USE

- [Treatment of oligospermia with mesterolone]
 Zuckerman A, et al.
Harefuah 86:309-11, 15 Mar 74 (Eng. Abstr.) (Heb)

GONADS

STANOZOLOL

ADMINISTRATION & DOSAGE

- The influence of some drugs on platelet aggregation and adhesion. Bielawiec M, et al.
Acta Univ Carol [Med Monogr] (Praha) 53:211-4, 1972
 Comparative effects of platelet adhesiveness by phenformin combined with ethylestrenol or stanozolol. Chakrabarti R.
Acta Univ Carol [Med Monogr] (Praha) 53:261-2, 1972

PHARMACODYNAMICS

- The influence of some drugs on platelet aggregation and adhesion. Bielawiec M, et al.
Acta Univ Carol [Med Monogr] (Praha) 53:211-4, 1972
 Comparative effects of platelet adhesiveness by phenformin combined with ethylestrenol or stanozolol. Chakrabarti R.
Acta Univ Carol [Med Monogr] (Praha) 53:261-2, 1972
 Proceedings: Study of the enhancement of fibrinolysis in an experimental animal. Gray LJ, et al.
Br J Surg 61:319-20, Apr 74

TESTOLACTONE

PHARMACODYNAMICS

- Effect of dibutyl adenosine cyclic 3',5'-monophosphate and testolactone on concanavalin A binding and cell killing. Storrie B.
J Cell Biol 62:247-52, Jul 74

TESTOSTERONE

- Guinea pig liver 3-hydroxyhexobarbital dehydrogenase as a 17 β -hydroxysteroid dehydrogenase. Kageura E, et al. *Biochim Biophys Acta* 341:172-7, 21 Mar 74
 Conservation of ancient linkage groups in evolution and some insight into the genetic regulatory mechanism of x-inactivation. Ono S.
Cold Spring Harbor Symp Quant Biol 38:155-64, 1973
 Solubilization of testosterone 5 α -reductase from nuclear fraction of rat ventral prostate. Shimazaki J, et al. *Endocrinol Jap* 20:489-95, Oct 73
 Determination of binding parameters from Scatchard plots. Theoretical and practical considerations. Weder HG, et al. *Eur J Biochem* 42:475-81, 1 Mar 74
 Loss of sexual activity in rabbits actively immunized with testosterone. Nieschlag E, et al.
Experientia 30:434-5, 15 Apr 74
 Steroid sulfatase activities in human breast tumors. Dao TL, et al. *Proc Soc Exp Biol Med* 146:381-4, Jun 74
 Specificities of antisera against testosterone linked to albumin at different positions (C3, C11, C17). Bosch AM, et al. *Steroids* 23:699-711, May 74

ADMINISTRATION & DOSAGE

- Control of pituitary FSH in male rats. Steinberger E, et al. *Acta Endocrinol (Kbh)* 76:235-41, Jun 74
 Color, odor, consistency, and secretion rate of anal sac secretions from male, female, and early-androgenized female Beagles. Dty RL, et al.
Am J Vet Res 35:729-31, May 74
 Effect of testosterone administration on the free amino acids and conversion of arginine to proline and glutamate in the rat ventral prostate. Shimazaki J, et al. *Endocrinol Jap* 20:455-62, Oct 73
 Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al.
Endocrinology 94:1519-24, Jun 74
 The action of testosterone administered neonatally on a rat preputial gland. Dixit VP, et al.
Folia Endocrinol (Roma) 27:328-34, Jun 74
 Neonatal androgen and sexual behavior in female house mice. Manning A, et al. *Horm Behav* 5:19-31, Mar 74
 Testosterone, androstenedione, and androstenediol: effects on the initiation of mating behavior of inexperienced castrated male rats. Morali G, et al.
Horm Behav 5:103-10, Mar 74
 Androgenic stimulation of aggression eliciting cues in adult opponent mice castrated at birth, weaning, or maturity. Mugford RA. *Horm Behav* 5:93-102, Mar 74
 Effects of intracranial implants of testosterone propionate on intermale aggression in the castrated male mouse. Owen K, et al.
Horm Behav 5:83-92, Mar 74
 Lordosis behavior in castrated male rats treated with

estradiol benzoate or testosterone propionate in combination with an estrogen antagonist, MER-25, and in intact male rats. Södersten P, et al.

Horm Behav 5:13-8, Mar 74

Possible involvement of cyclic AMP in regulation of masculine sexual behaviour by testosterone.

Christensen LW, et al. J Endocrinol 61:153-61, Apr 74
Letter: Testosterone, L.H.R.H., and behaviour. Tiwary CM. Lancet 1:993, 18 May 74

Proceedings: The organizing action of androgen in neonatal hamsters studied by intrahypothalamic implantation. Brayshaw JS, et al.
N Engl J Med 291:47-8, 11 Jun 74

Proceedings: Effects of treatment with small doses of androgens during the neonatal period on the aggressiveness of male and female golden hamsters. Payne AP, et al. N Engl J Med 291:48, 11 Jun 74

The role of testosterone in developing chloroform-induced renal tubular necrosis in mice. Krud S, et al. Nephron 12:275-80, 1974

Hypothalamic control of sexual behavior in the chicken. Haynes RL, et al. Poult Sci 53:27-38, Jan 74

[Influence of androgen hormones on the parasitism of male mice by Hymenolepis nana. II. Action of testosterone (author's transl)] Ballenger J, et al. Ann Parasitol Hum Comp 48:661-6, Sep-Oct 73 (Eng. Abstr.) (Fre)

[Mechanism of the effect of testosterone on the tubular secretion of kidneys] Galluteva GI.
Probl Endokrinol (Mosk) 20:78-81, Mar-Apr 74 (Eng. Abstr.) (Rus)

ANALYSIS

An improved method for the study of high-affinity steroid binding-oestradiol binding in brain and pituitary. Ginsburg M, et al. Steroids 23:773-92, Jun 74

[Improvement of fluorimetric estimation of delta 4-3-ketosteroids by means of lithium hydroxide reaction for analysis at the nanogram level (author's transl)] Kaplan HG, et al.
Clin Chim Acta 51:113-7, 15 Mar 74 (Eng. Abstr.) (Ger)

[Testosterone biosynthesis in spontaneous dystopic rat testes with genetic descensus disorder] Abraham R, et al.
Endokrinologie 62:368-75, 1973 (Eng. Abstr.) (Ger)

BIOSYNTHESIS

Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone. Urry RL, et al. Acta Endocrinol (Kbh) 76:392-402, Jun 74

Testicular function in myotonic dystrophy of childhood. Hamilton W.
Clin Endocrinol (Oxf) 3:215-22, Apr 74

Androgen metabolism in gynaecomastic breast tissue. Miller WR, et al.
Clin Endocrinol (Oxf) 3:123-30, Apr 74

Spirolactone and testicular cytochrome P-450: decreased testosterone formation in several species and changes in hepatic drug metabolism. Menard RH, et al. Endocrinology 94:1628-36, Jun 74

An assessment of the possible role of 17alpha,20alpha-dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. Bruijn HW de, et al.
J Endocrinol 61:401-10, Jun 74

Proceedings: Gonadal steroid synthesis in the Virginian opossum, Didelphis marsupialis. Cook B, et al. J Endocrinol 61:ix, Apr 74

Tumorigenesis by cadmium. Lucis OJ, et al. Oncology 28:53-67, 1972

[Testosterone biosynthesis in spontaneous dystopic rat testes with genetic descensus disorder] Abraham R, et al.
Endokrinologie 62:368-75, 1973 (Eng. Abstr.) (Ger)

BLOOD

Plasma testosterone in male puberty. I. Physiology of plasma testosterone. Knorr D, et al.
Acta Endocrinol (Kbh) 75:181-94, Jan 74

Uptake and binding of androgens by the anterior pituitary gland, hypothalamus, preoptic area and brain cortex of rats. Naess O, et al.
Acta Endocrinol (Kbh) 76:417-30, Jul 74

A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with

steroids. Nieschlag E, et al.

Acta Endocrinol (Kbh) 76:556-69, Jul 74

Dihydrotestosterone in human spermatid venous plasma. Pazzagli M, et al.

Acta Endocrinol (Kbh) 76:388-91, Jun 74

Growth retardation in the Lesch-Nyhan syndrome.

Skyler JS, et al. Acta Endocrinol (Kbh) 75:3-10, Jan 74

Diurnal variation of peripheral plasma levels of testosterone in bulls measured by a rapid radioimmunoassay procedure. Sanwal PC, et al. Acta Vet Scand 15:90-9, 1974

The effects of phenothiazines on endocrine function: II. Effects in men and post-menopausal women.

Beumont PJ, et al. Br J Psychiatry 124:420-30, May 74

Letter: Hangover and testosterone. Ylikahri R, et al.

Br Med J 2:445, 25 May 74

Letter: Possible inhibitory effect of androgens on bone marrow suppression by cytotoxic agents—a dose-dependent phenomenon? Sadoff L, et al.

Cancer Chemother Rep 58:125-7, Mar-Apr 74

Sex-hormone-binding globulin. Anderson DC.

Clin Endocrinol (Oxf) 3:69-96, Jan 74

Sex-hormone-binding globulin. Anderson DC.

Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)

Radioimmunoassay of plasma testosterone. Forti G, et al.

Clin Endocrinol (Oxf) 3:5-17, Jan 74

Antibodies against Sertoli cells in human infertility.

Wall JR, et al. Clin Endocrinol (Oxf) 3:187-94, Apr 74

Cutis verticis gyrata and the Lennox syndrome.

Paulson GW. Dev Med Child Neurol 16:196-200, Apr 74

Effect of hypothalamic deafferentations on puberty in the male rat. Collu R, et al.

Endocrinology 94:1496-501, Jun 74

Testosterone concentrations in the peripheral plasma of adrogenized female rats and in the estrous cycle of normal female rats. Falvo RE, et al.

Endocrinology 95:26-9, Jul 74

Prostaglandins A1 and A2 decrease testosterone levels in mice and rats. Saksena SK, et al.

Endocrinology 95:311-4, Jul 74

Testosterone in normal, cryptorchid and castrated male horses. Cox JE, et al. Equine Vet J 5:85-90, Apr 73

Loss of sexual activity in rabbits actively immunized with testosterone. Nieschlag E, et al.

Experientia 30:434-5, 15 Apr 74

Evaluation of relationship between plasma testosterone and human seminal acid phosphatase.

Dondero F, et al.

Folia Endocrinol (Roma) 27:185-8, Apr 74

Plasma testosterone levels during the testicular cycle of the redwinged blackbird (Agelaius phoeniceus).

Kerlan JT, et al.

Gen Comp Endocrinol 22:428-32, Apr 74

Plasma testosterone titers during the annual reproductive cycle of starlings (Sturnus vulgaris).

Temple SA. Gen Comp Endocrinol 22:470-9, Apr 74

Plasma testosterone and estradiol concentration in prepubertal boys with cryptorchidism before and after dexamethasone and after human chorionic gonadotropin administration. Cacciari E, et al.

Helv Paediatr Acta 29:27-34, Apr 74

Possible age-dependent influence of estrogens on the binding of testosterone in plasma of adult men. Kley HK, et al.

Horm Metab Res 6:213-6, May 74

Improved plasma testosterone assay by competitive protein binding and clinical availability. Frick J.

Invest Urol 12:27-9, Jul 74

Diurnal rhythm in serum testosterone levels and thymidine uptake by testes in the domestic fowl.

Schanbacher BD, et al. J Anim Sci 38:1245-8, Jun 74

The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al.

J Clin Endocrinol Metab 39:81-95, Jul 74

Testicular endocrine function in a pubertal boy with 3beta-hydroxysteroid dehydrogenase deficiency.

Jänne O, et al. J Clin Endocrinol Metab 39:206-9, Jul 74

Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism. Job JC, et al.

J Clin Endocrinol Metab 38:1109-14, Jun 74

Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides.

Krieger DT. J Clin Endocrinol Metab 38:964-75, Jun 74

Further studies on Leydig cell function in old age.

Rubens R, et al. J Clin Endocrinol Metab 39:40-5, Jul 74

Estrogen-androgen imbalance in patients with hirsutism and amenorrhea. Tulchinsky D, et al.

J Clin Endocrinol Metab 39:164-9, Jul 74

TESTOSTERONE

GONADS

- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. *J Clin Invest* 53:1588-98, Jun 74
- Plasma testosterone, androstenedione and urinary 17-oxosteroids in hirsutism. Andre CM, et al. *J Endocrinol* 61:xxx1-xxx2, Apr 74
- Effect of cyproterone acetate on steroid levels and hirsutism in two female patients in a long-term study. Irvine WJ, et al. *J Endocrinol* 61:32-3, Apr 74
- Proceedings: Effect of synthetic corticotrophin analogues on plasma delta4-androstenedione, testosterone and gonadotrophins in normal men. Irvine WJ, et al. *J Endocrinol* 61:27-8, Apr 74
- Proceedings: Plasma 17-hydroxyandrogens in elderly human subjects. Kolliannis A, et al. *J Endocrinol* 61:xxx1, Apr 74
- Temporal variations of testosterone levels in the peripheral blood plasma of men. Rowe PH, et al. *J Endocrinol* 61:63-73, Apr 74
- Annual cycles of plasma cortisol, testosterone and oestradiol-17 beta in the plaice, *Pleuronectes platessa* L. Wingfield JC, et al. *J Endocrinol* 61:28, Apr 74
- Human sexual differentiation--in utero influences. Abramovich DR.
- J Obstet Gynaecol Br Commonw* 81:448-53, Jun 74
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
- The testis in Cushing's syndrome. Gabrilove JL, et al. *J Urol* 112:95-9, Jul 74
- Congenital absence of testes: anorchism and monorchism. Goldberg LM, et al. *J Urol* 111:840-5, Jun 74
- Proceedings: Effect of active immunization against oestradiol-6-bovine serum albumin on circulating levels of oestradiol, testosterone, luteinizing hormone, follicle-stimulating hormone, prolactin and anti-oestradiol titre in the male rat. Hillier SG, et al. *N Engl J Med* 291:1111, 11 Jun 74
- Plasma testosterone concentrations in the ram. Purvis K, et al. *N Engl J Med* 291:241-53, 11 Jun 74
- Effects of follicle stimulating hormone and luteinizing hormone on plasma testosterone levels in hypophysectomized and in intact immature and adult male rats. el-Safoury S, et al. *N Engl J Med* 291:193-8, 11 Jun 74
- Letter: Marijuana and sex. *N Engl J Med* 291:308-10, 8 Aug 74
- Hyperthecosis syndrome. Farber M, et al. *Obstet Gynecol* 44:35-41, Jul 74
- Aggressiveness and testosterone measures in man. Meyer-Bahlburg HF, et al. *Psychosom Med* 36:269-74, May-Jun 74
- Effect of ethyl alcohol on plasma testosterone level in mice. Badr FM, et al. *Steroids* 23:921-8, Jun 74
- Simultaneous radioimmunoassay of testosterone and dihydrotestosterone. Barberia JM, et al. *Steroids* 23:757-66, May 74
- A simple radioimmunoassay of plasma testosterone without column chromatography. Castro A, et al. *Steroids* 23:625-38, May 74
- The determination in human males of specific testosterone and 5alpha-dihydrotestosterone binding to sex hormone binding globulin by a differential dissociation technique. Horst HJ, et al. *Steroids* 23:833-44, Jun 74
- [Determination of low testosterone and androstenedione plasmatic levels (author's transl)] Hampl R, et al. *Cas Lek Cesk* 113:459-65, 19 Apr 74 (Eng. Abstr.) (Cze)
- [Hypogonadism due to luteotropin-releasing hormone (LHRH) deficiency in a child with Prader-Labhart-Willi syndrome (author's transl)] Morgner KD, et al. *Dtsch Med Wochenschr* 99:1198-8, 31 May 74 (Eng. Abstr.) (Ger)
- [Influence of ACTH and cortisol on gonadal function] Demisch K, et al. *Verh Dtsch Ges Inn Med* 79:1252-5, 1973 (Ger)
- [Plasma testosterone level of male patients during chronic hemodialysis] Heinrichs HR, et al. *Verh Dtsch Ges Inn Med* 79:734-8, 1973 (Ger)
- [Endocrinological differentiation of male hypogonadism by radioimmunoassay of serum FSH, LH and testosterone levels (author's transl)] Lunglmayr G, et al. *Wien Klin Wochenschr* 86:305-10, 31 May 74 (Eng. Abstr.) (Ger)
- [The pituitary-gonadal axis in the normal male;

- radioimmunoassay of hormones (author's transl)] Spona J, et al. *Wien Klin Wochenschr* 86:311-5, 31 May 74 (Eng. Abstr.) (Ger)
- [Determination of steroid hormones by protein binding. Determination of cortisol and testosterone] Fonzo D, et al. *Minerva Med* 65:1749-64, 28 Apr 74 (Eng. Abstr.) (Ita)
- [Function of the genital system and its effect on the pituitary-adrenal complex in male white rats in groups and in isolation] Naumova EV, et al. *Zh Obschch Biol* 35:440-7, May-Jun 74 (Eng. Abstr.) (Rus)
- [Male sterilization--vasectomy] Hagenfeldt K. *Lakartidningen* 70:3137-40, 12 Sep 73 (46 ref.) (Eng. Abstr.) (Swe)

CEREBROSPINAL FLUID

- Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)

DIAGNOSTIC USE

- Letter: Testosterone, L.H.R.H., and behaviour. Tiwary CM. *Lancet* 1:993, 18 May 74

ISOLATION & PURIFICATION

- Radioimmunoassay of plasma testosterone. Forti G, et al. *Clin Endocrinol (Oxf)* 3:5-17, Jan 74
- Androgen assimilation by normal and hyperplastic dog prostate glands. Mawhinney MG, et al. *Invest Urol* 12:17-22, Jul 74

METABOLISM

- The uptake and metabolism of (4-14C)testosterone in human breast cancer growth in organ culture. Geler A, et al. *Acta Endocrinol (Kbh)* 75:195-204, Jan 74
- Biologic and biochemical effects of anti-androgens on rat ventral prostate. Geller J, et al. *Acta Endocrinol (Kbh)* 75:385-97, Feb 74
- Uptake and binding of androgens by the anterior pituitary gland, hypothalamus, preoptic area and brain cortex of rats. Naess O, et al. *Acta Endocrinol (Kbh)* 76:417-30, Jul 74
- In vitro metabolism of steroid hormones by chicken brain. Nakamura T, et al. *Acta Endocrinol (Kbh)* 75:410-6, Feb 74
- Characteristics of the nuclear and microsomal steroid delta-4-5 alpha-hydrogenase of the rat prostate. Nozu K, et al. *Acta Endocrinol (Kbh)* 76:608-24, Jul 74
- Experimental study on the male pattern alopecia. I. Differences between the testosterone transport protein in bald and hairy areas. Bassas E, et al. *Arch Dermatol Forsch* 248:339-46, 20 Feb 74
- Comparative study on the binding of estrogens by human and rat serum proteins in development. Nunez E, et al. *Biochem Biophys Res Commun* 57:126-33, 15 Mar 74
- Evidence of the direct aromatization of testosterone and different aromatization sites for testosterone and androstenedione in human placental microsomes. Beilino FL, et al. *Biochemistry* 13:1925-31, 23 Apr 74
- Testosterone-estradiol-binding globulin of human plasma: denaturation and protection. Rosner W, et al. *Biochim Biophys Acta* 351:92-8, 10 May 74
- Androgen metabolism in gynaecomastic breast tissue. Miller WR, et al. *Clin Endocrinol (Oxf)* 3:123-30, Apr 74
- New potent inhibitors of 3beta-hydroxy-delta 5-steroid oxidoreductase with short duration of action. Begue RJ, et al. *Endocrinology* 95:238-46, Jul 74
- Circulating LH and FSH levels and testicular function in hamsters during light deprivation and subsequent photoperiodic stimulation. Berndtson WE, et al. *Endocrinology* 95:195-205, Jul 74
- Metabolic fate of androgens in the pineal organ: uptake binding to cytoplasmic proteins and conversion of testosterone into 5alpha-reduced metabolites. Cardinali DP, et al. *Endocrinology* 95:179-87, Jul 74
- Effect of hypophysectomy and pituitary implants at puberty on the sexual differentiation of testosterone metabolism in rat liver. Deneff C. *Endocrinology* 94:1577-82, Jun 74
- Deficiency of deoxycorticosterone-binding protein in the hypothalamus of rats resistant to

- deoxycorticosterone-induced hypertension. Lassman MN, et al. *Endocrinology* 94:1541-6, Jun 74
- Enzymatic dehydrogenation of testosterone coupled to pyruvate reduction in a two-phase system. Cremonesi P, et al. *Eur J Biochem* 44:401-5, 15 May 74
- Testicular volume during adolescence. Cross-sectional and longitudinal studies. Zachmann M, et al. *Helv Paediatr Acta* 29:61-72, Apr 74
- Possible age-dependent influence of estrogens on the binding of testosterone in plasma of adult men. Kley HK, et al. *Horm Metab Res* 6:213-6, May 74
- Androgen assimilation by normal and hyperplastic dog prostate glands. Mawhinney MG, et al. *Invest Urol* 12:17-22, Jul 74
- Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Oshima H, et al. *Invest Urol* 12:43-9, Jul 74
- Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
- Proceedings: Androgen dynamics in vitro in the prostate gland. Giorgi EP, et al. *J Endocrinol* 61:17-8, Apr 74
- Proceedings: Effects of aminoglutethimide and SU 10'603 on the biosynthesis of C19 steroids. Lyne C, et al. *J Endocrinol* 61:xvii-viii, Apr 74
- Cystic dilatation of sex accessory organs in common and inbred Syrian Hamsters. Bellis JA, et al. *J Gerontol* 29:382-92, Jul 74
- Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al. *J Invest Dermatol* 63:75-84, Jul 74 (57 ref.)
- New findings on the central control of gonadotrophin secretion. Motta M, et al. *J Reprod Fertil [Suppl]* 20:27-52, Dec 73 (35 ref.)
- Feminine patterns of androgen metabolism and presence of delta5, 3beta-hydroxysteroid oxidoreductases in target organs of genetic rat male pseudohermaphrodites. Goldman AS, et al. *Proc Soc Exp Biol Med* 146:539-45, Jun 74
- Aggressiveness and testosterone measures in man. Meyer-Bahlburg HF, et al. *Psychosom Med* 36:269-74, May-Jun 74
- Androgen metabolism by rat epididymis. 2. Metabolic conversion of 3H-testosterone in vitro. Djoseland O, et al. *Steroids* 23:397-410, Mar 74
- Androgen receptors in rat testis. Hansson V, et al. *Steroids* 23:823-32, Jun 74
- Steroid metabolism by human breast and rat mammary carcinomata. Miller WR, et al. *Steroids* 23:379-95, Mar 74
- In vitro androgen metabolism in mouse kidney: high 3-keto-reductase (3alpha-hydroxysteroid dehydrogenase) activity relative to 3alpha-reductase. Mowszowicz I, et al. *Steroids* 23:793-807, Jun 74
- The entry of foreign compounds into the thoracic duct lymph of the rat. Sieber SM, et al. *Xenobiotica* 4:265-84, May 74
- [The in vitro formation of 5 alpha-dihydrotestosterone by the testis of *Discoglossus pictus*] Ozon R, et al. *Gen Comp Endocrinol* 23:224-36, Jun 74 (Eng. Abstr.) (Fre)
- [Activity changes of testosterone activating enzymes in human liver in cholestasis and liver cirrhosis] Littmann KP, et al. *Verh Dtsch Ges Inn Med* 79:1258-61, 1973 (Ger)
- [Physiology and pathophysiology of ketone bodies II. Regulation of ketone bodies formation and their utilization] Hübner G, et al. *Z Gesamte Inn Med* 29:89-94, 1 Feb 74 (Eng. Abstr.) (Ger)
- [Progesterone and testosterone binding in human endometrium in pregnancy] Iudaev NA, et al. *Probl Endokrinol (Mosk)* 20:24-8, Mar-Apr 74 (Eng. Abstr.) (Rus)
- control mechanisms: active immunization with steroids. Nieschlag E, et al. *Acta Endocrinol (Kbh)* 76:556-69, Jul 74
- Control of pituitary FSH in male rats. Steinberger E, et al. *Acta Endocrinol (Kbh)* 76:235-41, Jun 74
- The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al. *Acta Endocrinol [Suppl] (Kbh)* 187:3-62, 1974
- The effects of hormones and chemotherapeutic agents on rat uterine adenocarcinoma cells in tissue culture. Sekiya S, et al. *Am J Obstet Gynecol* 119:875-80, 1 Jul 74
- Testosterone induces "splitting" of circadian locomotor activity rhythms in birds. Gwinner E. *Am J Pathol* 75:72-4, Jun 74
- Color, odor, consistency, and secretion rate of anal sac secretions from male, female, and early-androgenized female Beagles. Dty RL, et al. *Am J Vet Res* 35:729-31, May 74
- Behavioral sexology: ten cases of genetic male intersexuality with impaired prenatal and pubertal androgenization. Money J, et al. *Arch Sex Behav* 3:181-205, May 74
- The effects of lateral hypothalamic lesions and castration upon the body weight and composition of male rats. Mitchell JS, et al. *Behav Biol* 11:69-82, May 74
- Stimulus control of aggressive behavior in androgenized female mice. Svare B, et al. *Behav Biol* 10:447-59, Apr 74
- Polysome-binding capacity of membranes in the cytoplasmic extract prepared from phenobarbital treated and regenerating rat liver. Takagi M, et al. *Biochem Biophys Res Commun* 58:868-75, 4 Jun 74
- Guinea pig liver 3-hydroxyhexobarbital dehydrogenase as a 17beta-hydroxysteroid dehydrogenase. Kageura E, et al. *Biochim Biophys Acta* 341:172-7, 21 Mar 74
- Alterations in adenylate cyclase activity of the rat prostate gland. Sutherland DJ, et al. *Biochim Biophys Acta* 343:238-49, 20 Mar 74
- The influence of testosterone on the endogenous levels of prostaglandin F in the accessory reproductive glands of the adult male rat. Sutherland DJ, et al. *Can J Physiol Pharmacol* 52:364-7, Apr 74
- Fine structure and cytochemistry of testicular cells in men treated with testosterone propionate. Barham SS, et al. *Cell Tissue Res* 148:159-82, 11 Apr 74
- Functional and morphological effects of hypophysectomy and androgen replacement in the rabbit epididymis. Orgebin-Crist MC, et al. *Cell Tissue Res* 148:183-201, 11 Apr 74
- Oxidative metabolism of chicken semen and washed spermatozoa in the presence of various steroid hormones. Sexton TJ. *Comp Biochem Physiol [B]* 47:799-804, 15 Apr 74
- Effect of testosterone administration on the free amino acids and conversion of arginine to proline and glutamate in the rat ventral prostate. Shimazaki J, et al. *Endocrinol Jap* 20:455-62, Oct 73
- Gonad-pituitary feedback involves qualitative change: androgens alter the type of FSH secreted by the rat pituitary. Bogdanove EM, et al. *Endocrinology* 95:219-28, Jul 74
- Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al. *Endocrinology* 94:1519-24, Jun 74
- Spirolactone and testicular cytochrome P-450: decreased testosterone formation in several species and changes in hepatic drug metabolism. Menard RH, et al. *Endocrinology* 94:1628-36, Jun 74
- Effects of castration and hormone replacement in fully adult male rhesus monkeys (*Macaca mulatta*). Micheal RP, et al. *Endocrinology* 95:150-9, Jul 74
- The action of testosterone administered neonatally on a rat preputial gland. Dixit VP, et al. *Folia Endocrinol (Roma)* 27:328-34, Jun 74
- Effect of cyproterone, cyproterone acetate and ICI 46,474 on gonadal sex differentiation in *Rana esculenta*. Chieffl G, et al. *Gen Comp Endocrinol* 22:532-5, Apr 74
- Failure of sex hormones and PMS to stimulate gonadal development in young *Rana nigromaculata*. Iwasawa H, et al. *Gen Comp Endocrinol* 22:526-8, Apr 74
- Neonatal androgen and sexual behavior in female house mice. Manning A, et al. *Horm Behav* 5:19-31, Mar 74
- Testosterone, androstenedione, and androstenediol: effects on the initiation of mating behavior of inexperienced castrated male rats. Morali G, et al. *Horm Behav* 5:103-10, Mar 74

PHARMACODYNAMICS

- Augmentation of the rat uterine weight response to human chorionic gonadotrophin by various steroids. Hlupkin LJ. *Acta Endocrinol (Kbh)* 75:141-7, Jan 74
- Sex steroids stimulate the activity of hypothalamic arylamidases in the rat. Kuhl H, et al. *Acta Endocrinol (Kbh)* 76:1-14, May 74
- Stimulation by steroids and age-dependent changes of L-cystine arylamidase activity in the hypothalamus of the rat. Kuhl H, et al. *Acta Endocrinol (Kbh)* 76:15-23, May 74
- A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback

- Androgenic stimulation of aggression eliciting cues in adult opponent mice castrated at birth, weaning, or maturity. Mugford RA. *Horm Behav* 5:93-102, Mar 74
- Effects of intracranial implants of testosterone propionate on intermale aggression in the castrated male mouse. Owen K, et al. *Horm Behav* 5:83-92, Mar 74
- Effects of an estrogen antagonist, MER-25, on mounting behavior and lordosis behavior in the female rat. Södersten P. *Horm Behav* 5:111-21, Mar 74
- Lordosis behavior in castrated male rats treated with estradiol benzoate or testosterone propionate in combination with an estrogen antagonist, MER-25, and in intact male rats. Södersten P, et al. *Horm Behav* 5:13-8, Mar 74
- A biochemical study on the effect of castration, testosterone treatment and vasoligation on accessory gland function of male guinea-pigs. Chinoy NJ, et al. *Indian J Med Res* 61:1708-13, Nov 73
- Permissive effect of testosterone on dietary adaptation of jejunal pyruvate kinase in hypogonadal males. Lufkin EG, et al. *J Clin Endocrinol Metab* 38:1130-3, Jun 74
- The neoplastic cell. The effects of steroid hormones and carcinogens on the interaction of membranes with polysomes. Rabin BR, et al. *J Clin Pathol [Suppl]* 7:51-9, 1974 (26 ref.)
- Induction by gonadal hormones of hepatic lipogenic enzyme activity in immature pullets. Balnave D, et al. *J Endocrinol* 61:29-43, Apr 74
- Possible involvement of cyclic AMP in regulation of masculine sexual behaviour by testosterone. Christensen LW, et al. *J Endocrinol* 61:153-61, Apr 74
- Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al. *J Endocrinol* 61:123-31, Apr 74
- The inhibition of fertilizing ability of epididymal spermatozoa by the administration of oestradiol benzoate to testosterone-maintained hypophysectomized or castrated hamsters. Lubicz-Nawrocki CM. *J Endocrinol* 61:133-8, Apr 74
- Effect of neonatal administration of different androgens in the female rat: correlation between aromatization and the induction of sterilization. McDonald PG, et al. *J Endocrinol* 61:95-103, Apr 74
- Proceedings: Studies on the maintenance of sexual behaviour in castrated rats treated with various androgens. Parrott RF. *J Endocrinol* 61:xixxx, Apr 74
- Effects of 17 beta-hydroxy-4-androsten-19-ol-3-one (19-hydroxytestosterone) and 5 alpha-androstan-17-beta-ol-3-one (dihydrotestosterone) on aspects of sexual behaviour in castrated male rats. Parrott RF. *J Endocrinol* 61:105-15, Apr 74
- Proceedings: Effect of early androgen administration on aggression in the female golden hamster. Payne AP. *J Endocrinol* 61:xxxxl, Apr 74
- Influence of sex hormones on vitamin K deficiency and epoxidation of vitamin K in the rat. Matschiner JT, et al. *J Nutr* 104:660-5, Jun 74
- The effect of sex hormones on rat liver carbonic anhydrase. Garg LC. *J Pharmacol Exp Ther* 189:557-62, May 74
- Further studies on the antitesticular activity of a pipercolinomethylhydroxyindane. Boris A, et al. *J Reprod Fertil* 38:395-400, Jun 74
- Implantation in rats treated neonatally with testosterone propionate. Kramen MA. *J Reprod Fertil* 38:461-3, Jun 74
- Letter: Testosterone, L.H.R.H., and behaviour. Tiwary CM. *Lancet* 1:993, 18 May 74
- Proceedings: The variation in sensitivity to androgen stimulation with time after castration in the secondary sex organs of the mouse. Allison M, et al. *N Engl J Med* 291:52-3, 11 Jun 74
- Proceedings: The organizing action of androgen in neonatal hamsters studied by intrahypothalamic implantation. Brayshaw JS, et al. *N Engl J Med* 291:47-8, 11 Jun 74
- Metabolic response to male hormone and thyroid activity in the Indian garden lizard, *Calotes versicolor*. Chandola A, et al. *N Engl J Med* 291:285-91, 11 Jun 74
- Proceedings: Gonadal hormones and aggressive behaviour in captive groups of talapoin monkeys (*Miopithecus talapoin*). Dixon AF, et al. *N Engl J Med* 291:xlvi, 11 Jun 74
- Vaginal mucification in the ovariectomized rat in response to 5alpha-pregnane-3,20-dione, testosterone and 5alpha-androstan-17beta-ol-3-one: test for progestogenic activity. Kennedy TG. *N Engl J Med* 291:293-300, 11 Jun 74
- Proceedings: Effects of treatment with small doses of androgens during the neonatal period on the aggressiveness of male and female golden hamsters. Payne AP, et al. *N Engl J Med* 291:48, 11 Jun 74
- Activation of a C-type virus from the human carcinoma cell line HBT-3 by iododeoxyuridine and testosterone. Holder WD Jr, et al. *Nature* 249:759-62, 21 Jun 74
- A comparison of two androgenic hormones as leukopoietic agents in irradiated rats. Horn Y. *Oncology* 26:16-24, 1972
- Hormonally enhanced proliferation of human breast cancer in organ culture. An in vitro system for assessment of specific hormonal response. Lagios MD. *Oncology* 29:22-33, 1974
- Effect of surfactants in the presence and absence of testosterone on the activity of two liver enzymes of tumor-bearing rats. Tryflates GP, et al. *Pharmazie* 29:145-6, Feb 74
- Effects of gonadal hormones on urinary behavior in dogs. Beach FA. *Physiol Behav* 12:1005-13, Jun 74
- Effects of intracerebral implants of steroid hormones on scent marking in the ovariectomized female gerbil (*Meriones unguiculatus*). Owen K, et al. *Physiol Behav* 12:755-60, May 74
- Maternal behavior in the rat: aspects of concaveation and neonatal androgen treatment. Quadagno DM. *Physiol Behav* 12:1071-4, Jun 74
- Hypothalamic control of sexual behavior in the chicken. Haynes RL, et al. *Poult Sci* 53:27-38, Jan 74
- Marijuana responses in rats: influence of castration or testosterone. Cohn RA, et al. *Proc Soc Exp Biol Med* 146:109-13, May 74
- Pituitary-adrenal function in adult androgenized female rats. Dunn JD. *Proc Soc Exp Biol Med* 146:75-7, May 74
- DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy. Gaudin D, et al. *Proc Soc Exp Biol Med* 146:401-5, Jun 74
- Testosterone induces "splitting" of circadian locomotor activity rhythms in birds. Gwinner E. *Science* 185:72-4, 5 Jul 74
- Effect of drug-induced diabetes on response of accessory sex organs of castrate rats to testosterone propionate. Sufirin G, et al. *Surg Forum* 23:534-5, 1972
- Testosterone: effect on rat testis. Walsh PC, et al. *Surg Forum* 23:522-3, 1972
- Influence of gonadal hormone administration and gonadal implantation on the compensatory growth of the embryonic chicken right ovary after early unilateral castration. Groenendijk-Huijbers MM. *Verh Anat Ges* 67:193-6, 1972
- [Effect of various androgens on carcinogenesis of in the rat liver induced by para-dimethylaminoazobenzene (DAB)] Corre-Hurast L, et al. *C R Acad Sci [D] (Paris)* 277:2441-3, 26 Nov 73 (Fre)
- [Autoradiographic study of the effect of androgens on RNA synthesis in tissues of the male mouse genital tract] Durilat M, et al. *C R Acad Sci [D] (Paris)* 276:789-92, 29 Jan 73 (Fre)
- [Androgens, corticosteroids and erythropoiesis] Bouvenot G, et al. *Cah Med* 14:1017-23, 30 Nov 73 (Fre)
- [Influence of androgenic hormones on quantitatively measured plasma proteins] Medau HJ, et al. *Verh Dtsch Ges Inn Med* 79:1255-8, 1973 (Ger)
- [Effects of hormonal control on the drug sensitivity of the vas deferens and seminal vesicle. 1] Ozawa H, et al. *Folia Pharmacol Jap* 69:557-69, Jul 73 (Eng. Abstr.) (Jap)
- [Regulation of enzyme biosynthesis in a culture of *Mycobacterium globiforme*, strain 193, which transforms steroids] Gotovtseva VA, et al. *Mikrobiologiya* 42:434-40, May-Jun 73 (Eng. Abstr.) (Rus)
- [Mechanism of the effect of testosterone on the tubular secretion of kidneys] Galluteva GI. *Probl Endocrinol (Mosk)* 20:78-81, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Effect of testosterone propionate on the early postnatal development of the rat kidney and its cell differentiation] Zufarov KA, et al. *Tsitologiya* 16:564-8, May 74 (Eng. Abstr.) (Rus)
- [Enzymatic function of the pancreas under the effect of anabolic preparations and diets with different amounts of protein] Narodetskaia RV, et al. *Vopr Pitani* 33:37-41, May-Jun 74 (Eng. Abstr.) (Rus)

PHYSIOLOGY

- Plasma testosterone in male puberty. I. Physiology of plasma testosterone. Knorr D, et al.
Acta Endocrinol (Kbh) 75:181-94, Jan 74
- The effects of lateral hypothalamic lesions and castration upon the body weight and composition of male rats. Mitchel JS, et al. *Behav Biol* 11:69-82, May 74
- Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74
- Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974
- Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al.
J Invest Dermatol 63:75-84, Jul 74 (57 ref.)
- Proceedings: Hormones and other factors controlling growth in the mammary gland: a review. Ceriani RL.
J Invest Dermatol 63:93-108, Jul 74 (215 ref.)
- The role of testosterone in developing chloroform-induced renal tubular necrosis in mice. Kruš S, et al. *Nephron* 12:275-80, 1974
- Medical Research Council Unit on the Development and Integration of Behaviour. Hinde RA.
Psychol Med 4:225-32, May 74

SECRETION

- Radioimmunoassay of plasma testosterone. Forti G, et al. *Clin Endocrinol (Oxf)* 3:5-17, Jan 74
- Secretion of 16alpha-hydroxyprogesterone and other steroids by the adult human adrenal. Ramseyer J, et al. *J Clin Endocrinol Metab* 39:102-7, Jul 74

THERAPEUTIC USE

- Letter: Possible inhibitory effect of androgens on bone marrow suppression by cytotoxic agents--a dose-dependent phenomenon? Sadoff L, et al.
Cancer Chemother Rep 58:125-7, Mar-Apr 74
- [Juvenile fibromas] Padnikowski T, et al.
Otolaryngol Pol 28:245-9, 1974 (Pol)

URINE

- The evaluation of the role of androgens in hirsutism and the use of a new anti-androgen "cyproterone acetate" for therapy. Ismail AA, et al.
J Clin Endocrinol Metab 39:81-95, Jul 74
- Effect of cyproterone acetate on steroid levels and hirsutism in two female patients in a long-term study. Irvine WJ, et al. *J Endocrinol* 61:32-3, Apr 74
- The testis in Cushing's syndrome. Gabrilove JL, et al. *J Urol* 112:95-9, Jul 74
- Aggressiveness and testosterone measures in man. Meyer-Bahlburg HF, et al.
Psychosom Med 36:269-74, May-Jun 74
- [Effect of an intravenous infusion of human chorionic gonadotropin (HCG) on urinary excretion of testosterone, epitestosterone and estrogens in normal man] Lehmkuhl G, et al.
Endokrinologie 62:376-86, 1973 (Eng. Abstr.) (Ger)
- [Hormone-analytic methods in gynecological endocrinology] Breckwoldt M, et al.
Fortschr Med 92:725-6, 13 Jun 74 (Ger)
- [Hypogonadism in Werner's syndrome] Török L, et al. *Z Hautkr* 49:179-81, 1 Mar 74 (Ger)
- [The pituitary and testicular response to clomiphene during hepatic cirrhosis] Rolandi E, et al.
Folia Endocrinol (Roma) 27:290-302, Jun 74 (Eng. Abstr.) (Ita)

GONADS

IV. Related Topics

CASTRATION

- Ovariectomy in rats with portacaval shunts. Reduction of mammary carcinoma. O'Grady JF, et al. *Arch Surg* 109:87-8, Jul 74
- The effects of lateral hypothalamic lesions and castration upon the body weight and composition of male rats. Mitchel JS, et al. *Behav Biol* 11:69-82, May 74
- In vivo incorporation of L-(3H)arginine into proteins of anterior pituitary gland and hypothalamus of intact and castrated rats. Vijayan E. *Brain Res* 72:241-50, 7 Jun 74
- Effects of castration and hormone replacement in fully adult male rhesus monkeys (*Macaca mulatta*). Micheal RP, et al. *Endocrinology* 95:150-9, Jul 74
- Effect of hemiovariectomy and strain of rat on serum gonadotropin levels. Howland BE, et al. *Experientia* 30:653-4, 15 Jun 74
- Effects of thyroidectomy on ovarian compensatory hypertrophy in rats. Jones RC, et al. *Experientia* 30:432-3, 15 Apr 74
- Endocrine interactions in regulation of body weight by female rats. Stern JJ, et al. *J Comp Physiol Psychol* 86:926-9, May 74
- Proceedings: Studies on the maintenance of sexual behaviour in castrated rats treated with various androgens. Parrott RF. *J Endocrinol* 61:xlxxx, Apr 74
- Effects of 17 beta-hydroxy-4-androsten-19-ol-3-one (19-hydroxytestosterone) and 5 alpha-androstan-17-beta-ol-3-one (dihydrotestosterone) on aspects of sexual behaviour in castrated male rats. Parrott RF. *J Endocrinol* 61:105-15, Apr 74
- Proceedings: A comparison of circulating levels of luteinizing hormone in intact and gonadectomized growing fowl. Sharp PJ. *J Endocrinol* 61:8, Apr 74
- Uterine and mammary neoplasia and other changes (amyloidosis) in C3H mice, related to ovariectomy, estrogen and methylcholanthrene. Wessely Z, et al. *Oncology* 26:33-52, 1972
- Reactivity to aversive stimuli as a function of alterations in body weight in normal and gonadectomized female rats. Marks HE, et al. *Physiol Behav* 9:539-44, Oct 72
- Effects of intracerebral implants of steroid hormones on scent marking in the ovariectomized female gerbil (*Meriones unguiculatus*). Owen K, et al. *Physiol Behav* 12:755-60, May 74
- Relationship of sexual behavior and castration to tumescence in the male rat. Rodgers CH, et al. *Physiol Behav* 9:581-4, Oct 72
- Effect of drug-induced diabetes on response of accessory sex organs of castrate rats to testosterone propionate. Sufriin G, et al. *Surg Forum* 23:534-5, 1972
- Influence of gonadal hormone administration and gonadal implantation on the compensatory growth of the embryonic chicken right ovary after early unilateral castration. Groenendijk-Huljbers MM. *Verh Anat Ges* 67:193-6, 1972
- [The reaction of the adrenal cortex to formalin stress in intact and castrated rodents] Sokolov VI. *Zh Evol Biokhim Fiziol* 10:171-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Function of the genital system and its effect on the pituitary-adrenal complex in male white rats in groups and in isolation] Naumova EV, et al. *Zh Obshch Biol* 35:440-7, May-Jun 74 (Eng. Abstr.) (Rus)

HISTORY

- Castrati choir and opera singers. Mellicow MM, et al. *Urology* 3:663-70, May 74

VETERINARY

- Testosterone in normal, cryptorchid and castrated male horses. Cox JE, et al. *Equine Vet J* 5:85-90, Apr 73
- Haematocoele in a stallion and recovery of fertility

- following unilateral castration. Gygas AP, et al. *Equine Vet J* 5:128-30, Jul 73
- Letter: Use of succinylcholine in castration of horses. Hewberry WE, et al.
- J Am Vet Med Assoc* 164:1161-2, 15 Jun 74
- Spontaneous patterns of LH release in castrate male sheep and the effects of exogenous estradiol. Riggs BL, et al. *J Anim Sci* 38:1239-44, Jun 74

ESTRUS

- Measurement of thyroid gland function during the estrous cycle of nine mares. Kelley ST, et al. *Am J Vet Res* 35:657-60, May 74
- Sexual maturation of female house mice: social inhibition. Drickamer LC. *Dev Psychobiol* 7:257-65, May 74
- Plasma concentration of LH, FSH, prolactin, progesterone and estradiol-17beta throughout the 4-day estrous cycle of the rat. Butcher RL, et al. *Endocrinology* 94:1704-8, Jun 74
- Total blockade of phasic pituitary prolactin release in rats: effect on serum LH and progesterone during the estrous cycle and pregnancy. Döhler KD, et al. *Endocrinology* 94:1595-600, Jun 74
- Testosterone concentrations in the peripheral plasma of adrogenized female rats and in the estrous cycle of normal female rats. Falvo RE, et al. *Endocrinology* 95:26-9, Jul 74
- Ovarian secretion of pregnane compounds during the estrous cycle and pregnancy in rats. Ichikawa S, et al. *Endocrinology* 94:1615-20, Jun 74
- Effect of hemiovariectomy and strain of rat on serum gonadotropin levels. Howland BE, et al. *Experientia* 30:653-4, 15 Jun 74
- Gluconeogenesis and hepatic glycogen formation in relation to the rat estrous cycle. Sladek CD. *Horm Metab Res* 6:217-21, May 74
- Ovarian hormones and sexual behavior in Macaca Nemestrina. Eaton GG, et al.
- J Comp Physiol Psychol* 86:919-25, May 74
- Radioimmunoassay of oestrone, oestradiol-17alpha and -17beta in bovine plasma during the oestrous cycle and last stages of pregnancy. Dobson H, et al. *J Endocrinol* 61:479-86, Jun 74
- Proceedings: The influence of the oestrous cycle upon the energy supply for angiotensin-induced contractions of rat uterus and colon. Wilson KA, et al. *J Endocrinol* 61:7-8, Apr 74
- Proceedings: Simultaneous determination by radioimmunoassay of luteinizing hormone and luteinizing hormone releasing hormone at different stages of the oestrus cycle in the sheep. Foster JP, et al. *N Engl J Med* 291:63, 11 Jun 74
- The effects of oestrus and exogenous oestrogens on milk secretion in the goat. Peaker M, et al. *N Engl J Med* 291:231-40, 11 Jun 74
- Proceedings: Luteinizing hormone and progesterone in the plasma of anoestrous ewes. Walton JS, et al. *N Engl J Med* 291:82-3, 11 Jun 74
- Estrogen-related increases in uterine guanosine 3':5'-cyclic monophosphate levels. Kuehl FA Jr, et al. *Proc Natl Acad Sci USA* 71:1866-70, May 74
- Changes in multiunit electrical activity (MUA) in rat brain during the estrous cycle and after administration of sex steroids. Kawakami M, et al. *Frog Brain Res* 39:125-34, 1973
- [Comparative study of tests for the determination of the functional status of the ovaries in cows] Bogdanov M. *Vet Med Nauki* 10:73-80, 1973 (Eng. Abstr.) (Bul)
- [Dynamics of total proteins and protein fractions in the blood serum of sheep and goats during estrus, pregnancy and the postpartum period] Georgiev S, et al. *Vet Med Nauki* 10:53-8, 1973 (Eng. Abstr.) (Bul)
- [Oestrus synchronisation by simultaneous weaning of the piglets and its importance for the A.I. organization (author's transl)] Gemert W van. *Tijdschr Diergeneesk* 97:253-65, 15 Feb 72 (Eng. Abstr.) (Dut)
- [Variations of 17 beta-estradiol concentration in

GONADS

OVULATION

peripheral sheep blood in the course of the estrus cycle] Terqui M, et al.
C R Acad Sci [D] (Paris) 277:1795-8, 29 Oct 73 (Fre)
 [Change in the amine composition of the volatile substances in the vaginal secretions of American mink (*Mustela vison*) in relation to the sexual cycle] Sokolov VE, et al.
Dokl Akad Nauk SSSR 216:220-2, 1 May 74 (Rus)
 [Free and bound 11-oxycorticosteroids in the estrus cycle of laboratory rodents] Ledovskaya SM.
Probl Endokrinol (Mosk) 20:74-8, Mar-Apr 74 (Eng. Abstr.) (Rus)

DRUG EFFECTS

The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Nishino Y, et al.
Acta Endocrinol [Suppl] (Kbh) 187:3-62, 1974
 Proceedings: Effects of antiserum to luteinizing hormone releasing hormone during the oestrous cycle of the rat. Fraser HM, et al. **J Endocrinol** 61:xxi, Apr 74
 Proceedings: Effects of L-DOPA, disulfiram and haloperidol on reappearance of cyclicity in androgen-sterilized rats (ASR). Fujii T, et al.
Jap J Pharmacol 24:Suppl:127, 1974
 Proceedings: An attempt to simulate, by injection of luteinizing hormone releasing hormone in the anoestrous sheep, the pattern of release observed at oestrus and the effects of this on luteinizing hormone release. Crighton DB, et al.
N Engl J Med 291:63-4, 11 Jun 74
 The urinary excretion of oestrogens in cows treated with a synthetic gestagen (chlormadinone-acetate, CAP) for the control of oestrus. Lunaas T, et al.
Nord Vet Med 25:28-32, Jan 73
 Control of the estrous cycle with prostaglandins. Downey BR.
Vet Med Small Anim Clin 69:880 passim, Jul 74 (49 ref.)
 [Synchronization of estrus and fertilization of pigs] Prakhov R, et al.
Vet Med Nauki 11:11-8, 1974 (Eng. Abstr.) (Bul)
 [Modifications of ovarian 17 beta estradiol in female rats treated by LH at the onset of 4 day cycles] Roser S, et al.
C R Acad Sci [D] (Paris) 277:1799-801, 29 Oct 73 (Fre)
 [The timing of neurohormonal reflex in sheep leading to estrus and ovulation] Flitko R.
Endokrynol Pol 25:95-103, Mar-Apr 74 (Pol)

FEMINIZATION

Behavioral sexology: ten cases of genetic male intersexuality with impaired prenatal and pubertal androgenization. Money J, et al.
Arch Sex Behav 3:181-205, May 74

ETIOLOGY

Editorial: Sex and alcohol. Van Thiel DH, et al.
N Engl J Med 291:251-3, 1 Aug 74
 [Action of arginine in a recurrent hepatic coma complicating a feminizing tumor of the adrenal cortex with hepatic metastases] Imier M, et al.
Sem Hop Paris 49:3183-90, 26 Nov 73 (Fre)

METABOLISM

Editorial: Sex and alcohol. Van Thiel DH, et al.
N Engl J Med 291:251-3, 1 Aug 74

THERAPY

[Adrenal gland surgery in 1973. 3. Primary hyperaldosteronism, Conn's syndrome] Coquillaud JP, et al.
J Chir (Paris) 106:609-31, Dec 73 (Eng. Abstr.) (Fre)

OVULATION

Classification of amenorrhoeic states and their treatment by ovulation induction. Lunenfeld B, et al.
Clin Endocrinol (Oxf) 3:223-37, Apr 74
 Serum prolactin levels during ovulatory menstrual cycle and menstrual disorders in women. Tamura S, et al.
Endocrinol Jap 20:483-8, Oct 73
 Ovulation of the trematode *Fascioloides magna* in

relation to the duration of parasitisation. Blazek K, et al.
Folia Parasitol (Praha) 19:335-9, 1972
 Morphology, histochemistry, and biochemistry of human oogenesis and ovulation. Guraya SS.
Int Rev Cytol 37:121-51, 1974
 Effects of month of breeding and feed level on ovulation and lambing rates of Panama ewes. Hulet CV, et al. **J Anim Sci** 39:73-8, Jul 74
 Effects of origin and environment on reproductive phenomena in Rambouillet ewes. I. Breeding season and ovulation. Hulet CV, et al.
J Anim Sci 38:1201-17, Jun 74
 Luteinizing hormone release and ovulation in anestrus ewes. Lewis PE, et al. **J Anim Sci** 38:1197-203, Jun 74
 Changes in renal water and electrolyte excretion occurring before and after induced ovulation and their relation to total oestrogen and pregnanediol excretion. Parboosingh J, et al.
J Obstet Gynaecol Br Commonw 81:417-22, Jun 74
 Further analysis of the CNS regulation of adenohipophysial LH release: facilitation of the ovulatory LH surge by oestrogen and progesterone. Barraclough CA, et al.
J Reprod Fertil [Suppl] 20:61-96, Dec 73 (40 ref.)
 Towards a neurophysiological basis for ovulation. Cross BA. **J Reprod Fertil [Suppl]** 20:97-117, Dec 73 (48 ref.)
 Proceedings: Plasma oestradiol and progesterone estimations in the monitoring of the induction of ovulation by human menopausal gonadotrophin and human chorionic gonadotrophin. McGarrigle HH, et al.
N Engl J Med 291:xxxix-xxxi, 11 Jun 74
 Serum progesterone values in the luteal phase defects. Effect of chorionic gonadotrophin. Jones GS, et al.
Obstet Gynecol 44:26-34, Jul 74
 The ovulatory cycle. A histologic, thermal, steroid, and gonadotropin correlation. Lundy LE, et al.
Obstet Gynecol 44:14-25, Jul 74
 The ovulatory surge of gonadotropin and sexual receptivity in the female golden hamster. Goldman BD, et al. **Physiol Behav** 12:991-5, Jun 74
 The role of pineal principles on ovulation. Mess B, et al.
Frog Brain Res 39:251-9, 1973
 [Comparative study of tests for the determination of the functional status of the ovaries in cows] Bogdanov M. **Vet Med Nauki** 10:73-80, 1973 (Eng. Abstr.) (Bul)
 [Endocrine cycles and paradoxal sleep] De Lee C. **Acta Neurol Belg** 73:389-94, Nov-Dec 73 (Fre)
 [Ovulation disorder] Aono T, et al.
Clin Endocrinol (Tokyo) 22:100-5, Jan 74 (Jap)
 [Factors tending to improve the pregnancy-ovulation induction index] González Gutiérrez JT.
Ginecol Obstet Mex 35:207-10, Feb 74 (Eng. Abstr.) (Spa)

DRUG EFFECTS

Effect of synthetic luteinizing hormone releasing hormone on ovulation during the oestrous cycle in the rat. Morishita H, et al.
Acta Endocrinol (Kbh) 76:431-7, Jul 74
 Some analogs of luteinizing hormone releasing hormone (LH-RH) having intense ovulation-inducing activity. Fujino M, et al.
Biochem Biophys Res Commun 57:1248-56, 23 Apr 74
 Blockade of the preovulatory surge of LH and FSH and of ovulation by anti-LH-RH serum in rats. Arimura A, et al. **Endocrinology** 95:323-5, Jul 74
 Patterns of ovulation-inducing LH release following coitus, electrical stimulation and exogenous LH-RH in the rabbit. Kanematsu S, et al.
Endocrinology 95:247-52, Jul 74
 Induction of ovulation with synthetic luteinizing hormone-releasing hormone. Nakano R, et al.
Fertil Steril 25:471-7, Jun 74
 Proceedings: Hypothalamic sites of action of progesterone in the control of ovulation in the rat. Friedkalns J. **J Anat** 116:466-7, Dec 73
 Proceedings: Potentiating effect of serotonin on pregnant mare serum gonadotrophin induced ovulation in the underweight immature rat. McDonald PG, et al. **J Endocrinol** 61:xxv, Apr 74
 Letter: Anencephaly, ovulation stimulation, and subfertility. James WH. **Lancet** 1:1353, 29 Jun 74
 A new synthetic agent for the induction of ovulation. Macourt DC. **Med J Aust** 1:631-2, 20 Apr 74
 Reversal by progesterone of barbiturate blockade of ovulation: effect on concentration of serum LH. McCormack CE, et al.
Proc Soc Exp Biol Med 146:329-32, Jun 74

- [Induction of ovulation] Andreoli C.
Minerva Ginecol 26:147-58, Mar 74 (Ita)
 [The timing of neurohormonal reflex in sheep leading to estrus and ovulation] Fitko R.
Endokrynol Pol 25:95-103, Mar-Apr 74 (Pol)
 [Reflex factors that modify the reserpine effect on the ovulation (author's transl)] González-Barón S, et al.
Rev Esp Fisiol 29:279-88, Dec 73 (Eng. Abstr.) (Spa)
 [Effects of reserpine on the ovulation (author's transl)] González-Barón S, et al.
Rev Esp Fisiol 29:189-95, Sept 73 (Eng. Abstr.) (Spa)

PUBERTY

- Pituitary-gonadal interrelationships in pubertal female subjects. Adamopoulos DA, et al.
Acta Endocrinol (Kbh) 76:214-34, Jun 74
 Plasma testosterone in male puberty. I. Physiology of plasma testosterone. Knorr D, et al.
Acta Endocrinol (Kbh) 75:181-94, Jan 74
 Down's syndrome. Study of carbohydrate metabolism. Raiti S, et al. *Acta Endocrinol (Kbh)* 76:506-12, Jul 74
 Hyperglutamatemia in primary gout. Gutman AB, et al. *Adv Exp Med Biol* 41:395-9, 1974
 Normal and abnormal sexual maturation. Bryan GT. *Am Fam Physician* 9:123-35, Jun 74
 Apparent pseudopuberty in a phenotypic female with a gonadal tumor and an autosome-Y chromosome translocation. Park IJ, et al.
Am J Obstet Gynecol 119:861-8, 1 Jul 74
 Acute intermittent porphyria in childhood. A neglected diagnosis? Barclay N.
Arch Dis Child 49:404-6, May 74
 Acute intermittent porphyria, hypercholesterolaemia, and renal impairment. Whitelaw AG.
Arch Dis Child 49:406-7, May 74
 Testicular biopsy in the study of male infertility. 3. Pretesticular causes of infertility. Wong TW, et al. *Arch Pathol* 98:1-8, Jul 74
 Growth pattern and dietary intake of children with chronic renal insufficiency. Betts PR, et al.
Br Med J 2:189-93, 27 Apr 74
 Editorial: Transvestism and transsexualism.
Br Med J 2:289-90, 11 May 74
 Cephalometric comparisons on the cranial base and face in individuals with isolated clefts of the palate. Bishara SE, et al. *Cleft Palate J* 11:162-75, Apr 74
 Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)
 The effect of hypothalamic luteinizing hormone-releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al.
Clin Endocrinol (Oxf) 3:27-39, Jan 74
 Hypotrichosis congenita hereditaria (Marie Unna). Wakkars-Garritsen BG. *Dermatologica* 148:51-2, 1974
 Circulating concentrations of FSH, LH, estradiol, and progesterone associated with acute, male-induced puberty in female mice. Bronson FH, et al.
Endocrinology 94:1658-68, Jun 74
 Effect of hypothalamic deafferentations on puberty in the male rat. Collu R, et al.
Endocrinology 94:1496-501, Jun 74
 Maturation of the negative feedback control of gonadotropin secretion in the female rat. Eldridge JC, et al. *Endocrinology* 94:1536-40, Jun 74
 Plasma testosterone and estradiol concentration in prepubertal boys with cryptorchidism before and after dexamethasone and after human chorionic gonadotropin administration. Cacciari E, et al.
Helv Paediatr Acta 29:27-34, Apr 74
 Testicular volume during adolescence. Cross-sectional and longitudinal studies. Zachmann M, et al.
Helv Paediatr Acta 29:61-72, Apr 74
 Progesterone and the ovarian-adrenal modulation of energy balance in rats. Ross GE, et al.
Horm Behav 5:43-62, Mar 74
 The incidence and histogenesis of vaginal adenosis. An autopsy study. Kurman RJ, et al.
Hum Pathol 5:265-76, May 74
 Improved plasma testosterone assay by competitive protein binding and clinical availability. Frick J.
Invest Urol 12:27-9, Jul 74
 Proceedings: Post-natal ossification timing in two population groups from Papua New Guinea. Wood WB. *J Anat* 116:482, Dec 73
 Influence of nutritional regime on age at puberty in gilts. Cunningham PJ, et al. *J Anim Sci* 39:63-7, Jul 74
 Unconjugated estrone, estradiol and FSH and LH in prepubertal and pubertal males and females.

- Angsusingha K, et al.
J Clin Endocrinol Metab 39:63-8, Jul 74
 Testicular endocrine function in a pubertal boy with 3beta-hydroxysteroid dehydrogenase deficiency. Jänne O, et al. *J Clin Endocrinol Metab* 39:206-9, Jul 74
 Fluctuations of gonadotropin levels in children. Johanson A. *J Clin Endocrinol Metab* 39:154-9, Jul 74
 Proceedings: Steroid metabolism by the prepubertal human testis. Richards G, et al.
J Endocrinol 61:18, Apr 74
 Proceedings: A comparison of circulating levels of luteinizing hormone in intact and gonadectomized growing fowl. Sharp PJ. *J Endocrinol* 61:8, Apr 74
 Proceedings: Hormones and other factors controlling growth in the mammary gland: a review. Ceriani RL. *J Invest Dermatol* 63:93-108, Jul 74 (215 ref.)
 Proceedings: Hormonal regulation of breast development and activity. Porter JC.
J Invest Dermatol 63:85-92, Jul 74 (77 ref.)
 The physiology of adolescence in man. Kulin HE.
J Mammal 55:133-44, May 74
 Relationships among three criteria of puberty in *Peromyscus leucopus noveboracensis*. Rogers JG Jr, et al. *J Mammal* 55:461-2, May 74
 Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al.
J Reprod Fertil [Suppl] 20:119-36, Dec 73 (64 ref.)
 A review of some aspects concerning mating and reproduction in sheep. Tonder EM van.
J S Afr Vet Med Assoc 43:329-42, Dec 72 (111 ref.)
 Editorial: Gynecomastia. Hussey HH.
JAMA 228:1423, 10 Jun 74
 Incest. Parker G. *Med J Aust* 1:488-90, 30 Mar 74
 A preview of growth hormone stimulation tests in children. Frasier SD. *Pediatrics* 53:929-37, Jun 74
 Reversal by progesterone of barbiturate blockade of ovulation: effect on concentration of serum LH. McCormack CE, et al.
Proc Soc Exp Biol Med 146:329-32, Jun 74
 Role of indoleamines and catecholamines in the control of gonadotrophin and growth hormone secretion. Collu R, et al. *Frog Brain Res* 39:289-99, 1973
 The role of brain monoamines and pineal indoles in the secretion of gonadotrophins and gonadotrophin-releasing factors. Kamberi IA.
Frog Brain Res 39:261-80, 1973
 [Adolescent psychiatry] Lievens P.
Acta Psychiatr Belg 73:630-53, Sep 73 (Eng. Abstr.) (Fre)
 [Influence of androgen hormones on the parasitism of male mice by *Hymenolepis nana*. II. Action of testosterone (author's transl)] Ballenger J, et al.
Ann Parasitol Hum Comp 48:661-6, Sep-Oct 73 (Eng. Abstr.) (Fre)
 [Gingival hyperplasia] Tecuciuanu JF.
Rev Stomatol Chir Maxillofac 74:335-42, Jun 73 (Eng. Abstr.) (Fre)
 [Prepubertal and pre-ovulatory estrogen excretion in female pigs in relation to the regulation of reproduction] Schlenker G, et al.
Arch Exp Veterinaermed 27:881-9, 1973 (Eng. Abstr.) (Ger)
 [Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al.
Dtsch Tierärztl Wochenschr 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)
 [Girl's hygiene in childhood and adolescence] Esser MJ.
Fortschr Med 92:646-9, 23 May 74 (Ger)
 [Gynecologic problems prior to sexual maturation. Basic principles and practice of pediatric gynecology. 2. Inflammatory diseases of the genitalia, genital hemorrhage] Huber A, et al.
Fortschr Med 92:735-9, 13 Jun 74 (Ger)
 [Concepts in children's gynecology] Stoll P.
Fortschr Med 92:627-8 passim, 23 May 74 (Ger)
 [The pituitary-gonadal axis in the normal male; radioimmunoassay of hormones (author's transl)] Spona J, et al.
Wien Klin Wochenschr 86:311-5, 31 May 74 (Eng. Abstr.) (Ger)
 [Male hypogonadism] Ceresa F.
Minerva Ginecol 26:134-8, Mar 74 (Ita)
 [Juvenile ovarian dysfunctions and their treatment] Cittadini E. *Minerva Ginecol* 26:86-94, Feb 74 (Ita)
 [Puberty] Durando C.
Minerva Ginecol 26:82-5, Feb 74 (Ita)
 [Klinefelter's syndrome. Clinical, laboratory, psychiatric, cytogenetic and histopathologic study of

- 28 personal cases] Molinatti GM, et al.
Minerva Med 65:1009-31, 14 Mar 74 (Ita)
 [Normal and abnormal secretion dynamics of prolactin in the fields of gynecology and obstetrics] Ebara Y, et al.
Clin Endocrinol (Tokyo) 22:352-60, Mar 74 (67 ref.) (Jap)
 [Delayed puberty: gynecological aspect] Hiroi M.
Clin Endocrinol (Tokyo) 22:190-2, Jan 74 (Jap)
 [Delayed puberty: urological aspect] Kumamoto E.
Clin Endocrinol (Tokyo) 22:186-8, Jan 74 (Jap)
 [Delayed puberty: in pediatrics] Suwa S.
Clin Endocrinol (Tokyo) 22:182-5, Jan 74 (Jap)
 [Studies of bioelectric activity of the brain and biochemical and hormonal examinations in girls with functional bleedings at puberty (author's transl)] Grudzień M, et al.
Ann Univ Mariae Curie Skłodowska [Med] 28:235-48, 1973 (Eng. Abstr.) (Pol)
 [Juvenile fibromas] Pańnikowski T, et al.
Otolaryngol Pol 28:245-9, 1974 (Pol)
 [Psychopathology and mental health problems in puberty] Stefan M.
Pediatrics (Bucur) 22:385-95, Sep-Oct 73 (Rum)
 [Diagnosis of the causes of the forme fruste fo virilization at the age of puberty] Manulova IA, et al.
Aktuel Probl Klin Biochem 49:70-4, Jul 73 (Rus)
 [Puberty of school children in the rural regions of Polesye] Verenchik GI, et al.
Pediatrics 3:70, Mar 74 (Rus)
 [Formation of keloid scars after intradermal antituberculosis vaccination] Nikolaeva NV, et al.
Probl Tuberk 65:35-8, 1974 (Eng. Abstr.) (Rus)
 [Comparative values of various immunologic tests in the diagnosis of pregnancy] Durdević J, et al.
Med Pregl 26:269-72, 1973 (Ser)
 [A method for assessing sex characteristics during puberty] Engström I, et al.
Läkartidningen 70:3045-7, 5 Sep 73 (Swe)

SEX CHROMATIN

- Correlation between G-6-PDH activity of the erythrocytes and the sex chromatin frequency in the somatic cells in new-born girls. Csaba I, et al.
Biol Neonate 24:113-6, 1974
 Sex chromatin anomaly in Chinese females: psychiatric characteristics of XXX. Tsuang MT.
Br J Psychiatry 124:299-305, Mar 74
 Center for Barr body condensation on the proximal part of the human Xq: a hypothesis. Therman E, et al.
Chromosoma 44:361-6, 29 Jan 74
 An infant with an XXXYY karyotype. Lecluse-van der Bilt FA, et al.
Clin Genet 5:263-70, 1974
 Patient with Down's syndrome and male pseudohermaphroditism with a 47, XY, plus 21 karyotype. Mello RS, et al.
Clin Genet 5:259-62, 1974
 Triploidy in man. Cytogenetical and clinical aspects. Niebuhr E.
Humangenetik 21:103-25, 21 Feb 74 (125 ref.)
 Familial Reifenstein syndrome. Pencea V, et al.
J Genet Hum 21:279-86, Dec 73
 Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al.
Obstet Gynecol 44:42-6, Jul 74

ANALYSIS

- Familial aneuploidy: what risk to sibs? Bell AG, et al.
Can J Genet Cytol 16:113-9, Mar 74
 Nonrandom arrangement of human chromatin: topography of disomic markers X, Y, and 1h plus 1. Hoehn H, et al.
Cytogenet Cell Genet 12:443-52, 1973
 Prenatal diagnosis in the prevention of genetic disease. Howell RR, et al.
Tex Med 70:77-84, May 74
 [Morphological and cytogenetic study of congenital malformations of the genital system in man] Konstantinova B, et al.
Acta Univ Carol [Med Monogr] (Praha) 56:121-4, 1973 (Fre)
 [Morphological and cytogenetic study of congenital malformations of the genital system in the woman] Konstantinova B, et al.
Acta Univ Carol [Med Monogr] (Praha) 56:115-9, 1973 (Fre)
 [Change in sex chromatin during menstruation] Naudinova NV.
Lab Delo 5:271-2, 1974 (Rus)
 [Detectability and morphology of sex chromatin in newborn infants with different methods of staining] Red'kin IuV.
Lab Delo 5:307-8, 1974 (Rus)
 [Sex chromatin in the epithelium of the cheek and

- vaginal mucosa during cancer therapy] Mikhina ZP.
Med Radiol (Mosk) 18:63-5, Aug 73 (Rus)
 [Sex determination in the disorders of sexual development by cytogenetical study of blood] Lakiza BS, et al.
Sud Med Ekspert 17:31-3, Apr-Jun 74 (Rus)
 [Sex chromatin in immunogenetic conflict] Rebrova LA.
Tsitol Genet 8:161-3, Mar 74 (Eng. Abstr.) (Rus)
 [Sex chromatin in the cell nuclei of the oral mucosa and in the neutrophilic leukocytes of the peripheral blood of women with primary infertility] Kotova SA.
Pediatr Akush Ginekol 3:52-3, 1973 (Ukr)

DRUG EFFECTS

- The effect of boron on the nucleolus, chromocenter, and chromosomes of *Drosophila melanogaster* salivary gland cells. Drozdovskaya LN.
Sov Genet 7:1441-5, 1 Feb 74

METABOLISM

- [Sex chromatin in the epithelium of the cheek and vaginal mucosa during cancer therapy] Mikhina ZP.
Med Radiol (Mosk) 18:63-5, Aug 73 (Rus)

SEX CHROMOSOMES

- A method for sexing 90-day-old blood stains in absorbent and nonabsorbent materials. Aragonés J, et al.
Acta Genet Med Gemellol (Roma) 22:113-6, 1973
 Chronogenetics. Its foundations, scope, and impact. Gedda L, et al.
Acta Genet Med Gemellol (Roma) 22:3-17, 1973
 Length of the Y chromosome in a general male population. Zeuthen E, et al.
Acta Genet Med Gemellol (Roma) 22:45-9, 1973
 Genetic determinants of immunological responsiveness. Gasser DL, et al.
Adv Immunol 18:1-66, 1974 (334 ref.)
 Letter: Acromial dimples: a benign familial trait. Blanchine JW.
Am J Hum Genet 26:412-3, May 74
 Trisomy 13 with a 13-X translocation. Crandall BF, et al.
Am J Hum Genet 26:385-92, May 74
 Letter: A case of primary amenorrhea associated with X-autosomal translocation (46,X,t(Xq minus;5q plus)). Mann JD, et al.
Am J Hum Genet 26:416, May 74
 Glycogen-storage disease associated with phosphorylase kinase deficiency: evidence for X inactivation. Migeon BR, et al.
Am J Hum Genet 26:360-8, May 74
 Characterization of a phosphoglycerate kinase variant associated with hemolytic anemia. Yoshida A, et al.
Am J Hum Genet 26:378-84, May 74
 Apparent pseudopuberty in a phenotypic female with a gonadal tumor and an autosome-Y chromosome translocation. Park IJ, et al.
Am J Obstet Gynecol 119:661-8, 1 Jul 74
 Recent advances in the assessment of genetic hazards of ionizing radiation. Sankaranarayanan K.
At Energy Rev 12:47-74, 1974 (57 ref.)
 Dysplastic platelets and circulating megakaryocytes in chronic myeloproliferative diseases. I. The platelets: ultrastructure and peroxidase reaction. Maldonado JE, et al.
Blood 43:797-809, Jun 74
 Familial aneuploidy: what risk to sibs? Bell AG, et al.
Can J Genet Cytol 16:113-9, Mar 74
 Banding analysis of the chromosomes of *Marmosa mitis* (murine opossum). Curcuro-Giordano FM, et al.
Can J Genet Cytol 16:31-8, Mar 74
 A karyotypic study of three species of Rajiformes (Chondrichthyes, Pisces). Donahue WH.
Can J Genet Cytol 16:203-11, Mar 74
 In vitro embryogenesis: an experimental model for the understanding of reproductive physiology and development in mammals. Mukherjee AB.
Can J Genet Cytol 16:11-30, Mar 74
 Karyotypic analyses of twenty-one species of molossid bats (Molossidae: Chiroptera). Warner JW, et al.
Can J Genet Cytol 16:165-76, Mar 74
 Males with chronic myeloid leukemia and the 45, XO, Ph1 chromosome pattern. Shiffman NJ, et al.
Can Med Assoc J 110:1151-4, 18 May 74
 rDNA magnification at the bobbed locus of the Y chromosome in *Drosophila melanogaster*. Boncinelli E, et al.
Cell Differ 1:133-42, Jun 72
 Evidence for two functional X chromosomes in human oocytes. Gartler SM, et al.
Cell Differ 1:215-8, Oct 72
 The role of genetic balance in control of transcription rate in the X-chromosomes of *Drosophila*

- melanogaster. Ananiev EV, et al. *Chromosoma* 45:193-201, 14 Mar 74
- Changed pattern of transcription and replication in polytene chromosomes of *Drosophila melanogaster* resulting from eu-heterochromatin rearrangement. Ananiev EV, et al. *Chromosoma* 45:173-91, 14 Mar 74
- The arrangement of microtubules and the attachment of chromosomes to the spindle during anaphase in tipulid spermatocytes. Fuge H. *Chromosoma* 45:245-60, 9 Apr 74
- Chromosome variation in British populations on *Oncopsis* (Hemiptera: Cicadellidae). John B, et al. *Chromosoma* 46:77-89, 21 May 74
- Cytogenetics of ticks (Acari: Ixodoidea). 14. Chromosomes of nine species of Asian haemaphysalines. Oliver JH Jr, et al. *Chromosoma* 45:445-56, 10 May 74
- Euploid segregation through multipolar mitosis in mammalian cell cultures. Identification of triploid, haploid, and segregating diploid cells in a diploid-euploid primary culture of rhesus kidney cells. Rizzoni M, et al. *Chromosoma* 45:151-62, 14 Mar 74
- Mammalian cell fusion. V. Replication behaviour of heterochromatin as observed by premature chromosome condensation. Sperling K, et al. *Chromosoma* 45:121-31, 14 Mar 74
- A phylogenetic study of bird karyotypes. Takagi N, et al. *Chromosoma* 46:91-120, 21 May 74
- Differential DNA synthesis in homologous regions of hybrid polytenic chromosomes (Anopheles atroparvus x A. labranchiae). Tiepolo L, et al. *Chromosoma* 45:81-9, 1 Mar 74
- Differential spiralization along mammalian mitotic chromosomes. II. 5-bromodeoxyuridine and 5-bromodeoxycytidine-revealed differentiation in human chromosomes. Zakharov AF, et al. *Chromosoma* 44:343-59, 29 Jan 74
- Male pseudohermaphroditism with 45X-46XYq-mosaicism in a pair of monozygotic twins. Bengtsson B, et al. *Clin Genet* 5:133-43, 1974
- Chromosomes and human infertility. I. Mitotic and meiotic chromosome studies in 202 consecutive male patients. Koullischer L, et al. *Clin Genet* 5:116-26, 1974
- Accurate identification of the human Y chromosome. Sulica LO, et al. *Clin Genet* 5:17-27, Jan 74
- Structure and function of the Y chromosome of *Drosophila hydei*. Hennig W, et al.
- Cold Spring Harbor Symp Quant Biol 38:673-83, 1973
- Local structural variations of the Y chromosome of *Drosophila hydei* and their correlation to genetic activity. Hess O.
- Cold Spring Harbor Symp Quant Biol 38:663-71, 1973
- Modified synaptonemal complexes in spermatocytes of *Stethophyma grossum*. Jones GH.
- Cold Spring Harbor Symp Quant Biol 38:109-15, 1973
- An examination of the one clatron: one chromomere concept. Judd BH, et al.
- Cold Spring Harbor Symp Quant Biol 38:573-9, 1973
- The one band-one gene hypothesis: evidence from a cytogenetic analysis of mutant and nonmutant rearrangement breakpoints in *Drosophila melanogaster*. Lefevre G Jr.
- Cold Spring Harbor Symp Quant Biol 38:591-9, 1973
- Quantitative electron microscopy of chromosome organization at meiotic prophase. Moens PB.
- Cold Spring Harbor Symp Quant Biol 38:99-107, 1973
- Conservation of ancient linkage groups in evolution and some insight into the genetic regulatory mechanism of x-inactivation. Ono S.
- Cold Spring Harbor Symp Quant Biol 38:155-64, 1973
- On the cell stage of X-Y recombination during rDNA magnification in *Drosophila*. Ritossa F, et al.
- Cold Spring Harbor Symp Quant Biol 38:483-90, 1973
- Genetic organization and regulation of the *Drosophila* Y chromosome. Sanders TG, et al.
- Cold Spring Harbor Symp Quant Biol 38:685-91, 1973
- Organization of chromomeres. Sorsa V.
- Cold Spring Harbor Symp Quant Biol 38:601-8, 1973
- Biochemical and morphological studies of partially purified Chinese hamster chromosomes. Stubblefield E, et al.
- Cold Spring Harbor Symp Quant Biol 38:835-43, 1973
- Proceedings: Report of the Committee on the Genetic Constitution of the X Chromosome. Gerald PS, et al. *Cytogenet Cell Genet* 13:29-34, 1974
- Proceedings: Localization of gene markers to regions of the human X chromosome by segregation of X-autosome translocations in somatic cell hybrids. Pearson PL, et al. *Cytogenet Cell Genet* 13:136-42, 1974
- Proceedings: An (Xq+; 9p-) translocation suggests the assignment of G6PD, HPRT, and PGK to the long arm of the X chromosome in somatic cell hybrids. Show TB, et al. *Cytogenet Cell Genet* 13:146-9, 1974
- Giemsa banding patterns in the chromosomes of twelve species of cats (Felidae). Wurster-Hill DH, et al. *Cytogenet Cell Genet* 12:388-97, 1973
- Temperature-sensitive mutations in *Drosophila melanogaster*. XI. Male sterile mutants of the Y chromosome. Ayles GB, et al. *Dev Biol* 32:239-57, Jun 73
- The maternal and zygotic control of development by cinnamon, a new mutant in *Drosophila melanogaster*. Baker BS. *Dev Biol* 33:429-40, Aug 73
- Genetic, cytological, and ultrastructural characterization of a temperature-sensitive lethal in *Drosophila melanogaster*. Fullilove SL, et al. *Dev Biol* 38:291-307, Jun 74
- Developmental properties of Shibre: a pleiotropic mutation affecting larval and adult locomotion and development. Poodry CA, et al. *Dev Biol* 32:373-86, Jun 73
- Transplantation of nuclei into the polar plasm of *Drosophila* eggs. Zalokar M. *Dev Biol* 32:189-93, May 73
- Differentiation of X chromosomes in early female mouse embryos. Takagi N. *Exp Cell Res* 86:127-35, May 74
- Male chromosomes in two populations of *Branchiostoma lanceolatum*. Colombero D. *Experientia* 30:353-5, 15 Apr 74
- The incidence of repeated mating in the superspecies, *Drosophila paulistorum*. Richmond RC, et al. *Experientia* 30:489-90, 15 May 74
- Mutagenicity testing of cyclamate and some pesticides in *Drosophila melanogaster*. Vogel E, et al. *Experientia* 30:621-3, 15 Jun 74
- Karyological investigations of two forms of *Vimba vimba* (Linnaeus 1758) occurring in Poland. Rudek Z. *Folia Biol (Krakow)* 22:211-5, 1974
- On recombination-defective meiotic mutants in *Drosophila melanogaster*. Carpenter AT, et al. *Genetics* 76:453-75, Mar 74
- The developmental genetics of the temperature sensitive lethal allele of the suppressor of forked, 1(1)su(f)ts67g, in *Drosophila melanogaster*. Dudick ME, et al. *Genetics* 76:487-510, Mar 74
- Sex-linked auxotrophic and putative auxotrophic mutants of *Drosophila melanogaster*. Falk DR, et al. *Genetics* 76:755-66, Apr 74
- The cytogenetic analysis of a fractured gene in *Drosophila*. Welshons WJ. *Genetics* 76:775-94, Apr 74
- A cold-sensitive zygotic lethal causing high frequencies of nondisjunction during meiosis I in *Drosophila melanogaster* females. Wright TR. *Genetics* 76:511-36, Mar 74
- Fetal face syndrome with acral dysostosis. Schinzel A, et al. *Helv Paediatr Acta* 29:55-60, Apr 74
- Heterosis at an enzyme locus of *Drosophila*: evidence from experimental populations. Powell JR. *Heredity (Lond)* 32:105-8, Feb 74
- Acrocentric associations in mongol populations. Curtis DJ. *Humangenetik* 22:17-22, 24 Apr 74
- Identification and characterization of heterochromatic regions in the human metaphase and interphase nucleus. Kim MA. *Humangenetik* 21:331-40, 28 Mar 74
- Triploidy in man. Cytogenetical and clinical aspects. Niebuhr E. *Humangenetik* 21:103-25, 21 Feb 74 (125 ref.)
- Polyploidization in vitro: formation of a predominantly triploid cell population in an originally diploid tissue culture of *Microtus agrestis*. Pera F, et al. *Humangenetik* 21:17-26, 22 Jan 74
- Length of the Y chromosome and antisocial behaviour? Schwinger E, et al. *Humangenetik* 22:67-9, 24 Apr 74
- Abnormalities of human sex chromosomes. VI. Monozygotic twins with the complement 48,XXXXY. Simpson JL, et al. *Humangenetik* 21:301-8, 28 Mar 74
- Cytogenetic analysis of human acute and chronic myeloid leukemic cells cloned in agar culture. Moore MA, et al. *Int J Cancer* 11:143-52, 15 Jan 73
- Sensitivity to EBV superinfection and IUdR inducibility of hybrid cells formed between a sensitive and a relatively resistant Burkitt lymphoma cell line. Nyormol O, et al. *Int J Cancer* 12:396-408, 15 Sept 73
- Chromosomal control of malignancy in tumours from cells transformed by polyoma virus. Yamamoto T, et al. *Int J Cancer* 11:555-66, May 73
- Inheritance of glucose 6-phosphate dehydrogenase

- deficiency, a study of eight families. Kumar R, et al. *J Assoc Physicians India* 21:281-4, Mar 73
- Human genetic markers as tracers of tumour histogenesis. Flalkow PJ. *J Clin Pathol [Suppl]* 7:11-5, 1974
- Proceedings: Genes on the Y-chromosome control the size of the testes of adult mice. Hayward P, et al. *J Endocrinol* 61:18-9, Apr 74
- Genetic control of the antibody response to type 3 pneumococcal polysaccharide in mice. II. Relationship between IgM immunoglobulin levels and the ability to give an IgM antibody response. Amsbaugh DF, et al. *J Exp Med* 139:1499-512, 1 Jun 74
- Human mixed leukocyte culture: identification of the proliferating lymphocyte subpopulation by sex chromosome markers. Lohrmann HP, et al. *J Exp Med* 140:54-60, 1 Jul 74
- Hemophilia A in a female: use of factor 8 antigen levels as a diagnostic aid. Czapek EE, et al. *J Pediatr* 84:485-9, Apr 74
- X-autosome translocation in normal mother and effectively 21-monosomic daughter. Summitt RL, et al. *J Pediatr* 84:539-46, Apr 74
- Letter: Sex-linked mental retardation. Gerrard JW, et al. *Lancet* 1:1346, 29 Jun 74
- Letter: Long-arm deletion with features of Turner's syndrome. Kim HJ, et al. *Lancet* 1:1296, 22 Jun 74
- Letter: Possible evidence for Xp plus in and XX Male. Madan K, et al. *Lancet* 1:1223, 15 Jun 74
- Letter: Turner's syndrome and long-arm deletions of X chromosome. Slater R, et al. *Lancet* 2:57-8, 6 Jul 74
- Letter: X long-arm deletion with features of Turner's syndrome. Wright EV, et al. *Lancet* 1:933, 11 May 74
- X-linked choroidal sclerosis. A stage of choroideremia. Shapiro I, et al. *Minn Med* 57:259-62, Apr 74
- X-ray induced mitotic recombination in *Drosophila melanogaster*. 3. Dose dependence of the "pairing" component. Haendle J. *Mol Gen Genet* 128:233-9, 6 Feb 74
- The origin and development of human tumors studied with cell markers. Flalkow PJ. *N Engl J Med* 291:26-35, 4 Jul 74 (14 ref.)
- Letter: Parathyroid hormone secretion in X-linked hypophosphatemia. Glorieux FH, et al. *N Engl J Med* 290:1329-30, 6 Jun 74
- Linkage between immune response potential to DNA and X chromosome. Mozes E, et al. *Nature* 249:167-8, 10 May 74
- Lymphocytes from human newborns abrogate mitosis of their mother's lymphocytes. Olding LB, et al. *Nature* 249:161-2, 10 May 74
- The neurogenic and myogenic hypotheses in human (Duchenne) muscular dystrophy. Thomson WH, et al. *Nature* 249:151-2, 10 May 74
- Primary amenorrhea in a 46,XX-46,XXq-female. Nankin HR, et al. *Obstet Gynecol* 44:42-6, Jul 74
- Sexuality and reproduction. Parkes AS. *Perspect Biol Med* 17:399-410, Spring 74
- Flounder effects and linkage disequilibrium in experimental populations of *Drosophila*. Powell JR, et al. *Proc Natl Acad Sci USA* 71:1663-5, May 74
- Trisomy G-21 in adult myelomonocytic leukaemia. An abnormality common to granulocytic and monocytic cells. Brandt L, et al. *Scand J Haematol* 12:117-22, 1974
- Positive control of transformed phenotype in hybrids between SV40-transformed and normal human cells. Croce CM, et al. *Science* 184:1288-9, 21 Jun 74
- The significance of changes in the blood serum electrolytes in the detection of heterozygous carriers of Duchenne myopathy. Grinlo LP. *Sov Genet* 7:1596-9, 1 Mar 74
- A study of chromosomes in couples with habitual abortions. Kyasaar ME. *Sov Genet* 7:1600-3, 1 Mar 74
- Sex as a modifier of the manifestation of schizophrenia. Lukasheva ID. *Sov Genet* 7:1491-4, 1 Feb 74
- The primary immunodeficiency diseases: classification, pathogenesis and treatment. Gatti RA, et al. *Turk J Pediatr* 15:195-215, Oct 73 (93 ref.)
- [Klinefelter's syndrome-clinical and laboratory findings in 5 boys] Zizka J, et al. *Cesk Pediatr* 29:198-203, Apr 74 (Eng. Abstr.) (Cze)
- [True hermaphroditism with a chromosome mosaic of XX-XY-XXY] Broeders GH, et al. *Ned Tijdschr Geneesk* 118:726-32, 11 May 74 (Eng. Abstr.) (Dut)
- [Chronic hereditary nephropathy with deafness and eye involvement] Hauser J. *Schweiz Med Wochenschr* 104:767-72, 25 May 74 (Fre)
- [Ultrastructure of inborn errors of keratinization. IV. X-linked recessive ichthyosis (author's transl)]

- Anton-Lamprecht I. *Arch Dermatol Forsch* 248:361-78, 20 Feb 74 (Eng. Abstr.) (Ger)
- [Identification of chromosomal polymorphisms and some aberrations identified by new cytogenetical methods (author's transl)] Kunze J, et al. *Z Kinderheilkd* 117:29-46, 8 Apr 74 (Eng. Abstr.) (Ger)
- [Polymorphisms in human chromosomes--a new aid for affiliation cases (author's transl)] Schnedl W. *Z Rechtsmed* 74:17-23, 29 Mar 74 (Eng. Abstr.) (Ger)
- [Human genetic counseling. I. Incidence, etiology and risk in repetition of congenital malformations] Körner H. *Zentralbl Gynaekol* 96:257-66, 1 Mar 74 (Eng. Abstr.) (Ger)
- [Original case of a polymalformation syndrome] De Prä M. *Minerva Pediatr* 26:75-7, 28 Jan 74 (Eng. Abstr.) (Ita)
- [Clinical and karyological findings in a subject with a double chromosome error] Giovannucci Uziel ML, et al. *Minerva Pediatr* 26:196-202, 11 Feb 74 (Eng. Abstr.) (Ita)
- [Study of metaphasic chromosomes by the method of fluorescence (review of the literature)] Korenevskala MI. *Probl Gematol Pereliv Krovi* 19:56-60, Mar 74 (85 ref.) (Rus)

ANALYSIS

- Identification of graft and host cells in bone marrow transplants by the quinacrine banding technique of chromosome identification. Borgaonkar DS, et al. *Acta Cytol (Baltimore)* 18:263-7, May-Jun 74
- Repetitive DNA in polytene chromosomes of *Drosophila melanogaster*. Rudkin GT, et al. *Cold Spring Harbor Symp Quant Biol* 38:397-403, 1973
- Nonrandom arrangement of human chromatin: topography of disomic markers X, Y, and 1h plus 1. Hoehn H, et al. *Cytogenet Cell Genet* 12:443-52, 1973
- Nonrandom distribution of chromosome breaks in Fanconi's anemia. Von Koskull H, et al. *Cytogenet Cell Genet* 12:423-34, 1973
- Karyotype of the chimpanzee, *Pan troglodytes*, based on measurements and banding pattern: comparison to the human karyotype. Warburton D, et al. *Cytogenet Cell Genet* 12:453-61, 1973
- Unequal mitotic sister chromatid exchange as the mechanism of ribosomal RNA gene magnification. Tartof KD. *Proc Natl Acad Sci USA* 71:1272-6, Apr 74

DRUG EFFECTS

- Temperature-sensitive mutations in *Drosophila melanogaster*. XI. Male sterile mutants of the Y chromosome. Ayles GB, et al. *Dev Biol* 32:239-57, Jun 73
- The induction of aneuploidy by colcemid fed to *Drosophila melanogaster* females. Traut H, et al. *Mutat Res* 23:179-88, May 74
- Fractionated action of ethylenimine on the rate of mutation in *Drosophila melanogaster*. Shvartsman PY, et al. *Sov Genet* 8:64-70, Jan 72

IMMUNOLOGY

- Maternal influence on responsiveness of multiparous mice to the antigenic characteristics of their male progeny. Uphoff DE. *J Natl Cancer Inst* 52:1843-7, Jun 74
- Serological crossreactivity between H-Y (male) antigens of mouse and man. Wachtel SS, et al. *Proc Natl Acad Sci USA* 71:1215-8, Apr 74

METABOLISM

- Letter: Random deviations or asynchronous DNA synthesis? Kalisch WE, et al. *Nature* 249:862-3, 28 Jun 74

RADIATION EFFECTS

- Investigations on radiosensitive and radioresistant populations of *Drosophila melanogaster*. IV. The genetics of the relative radioresistance in stage-7 oocytes of the irradiated population RO I. Nöthel H. *Mutat Res* 23:163-77, May 74
- Heterologous interchange and non-disjunction of distributively paired chromosomes in *Drosophila*

- melanogaster: immature oocytes. Williamson JH.
Mutat Res 23:189-96, May 74
 Mutagenic effect of radiation on mouse pronuclei.
 Fazylov UT, et al. *Sov Genet* 7:1425-9, 1 Feb 74
 [X-ray-induced mutation spectra of different germ-cell
 stages of *Drosophila* males with a double marked
 Y-chromosome and either a normal X-or a
 ring-X-chromosome (author's transl)] Suter KE.
Mutat Res 19:83-98, Jul 73 (Eng. Abstr.) (Ger)

SEX DETERMINATION

- A method for sexing 90-day-old blood stains in
 absorbent and nonabsorbent materials. Aragonés J, et
 al. *Acta Genet Med Gemellol (Roma)* 22:113-6, 1973
 Cytogenetics of ticks (Acari: Ixodoidea). 14.
 Chromosomes of nine species of Asian
 haemaphysalines. Ollver JH Jr, et al.
Chromosoma 45:445-56, 10 May 74
 Human sexual differentiation--in utero influences.
 Abramovich DR.
J Obstet Gynaecol Br Commonw 81:448-53, Jun 74
 Letter: Selecting the sex of one's children. Etzioni A.
Lancet 1:932-3, 11 May 74
 Letter: Selecting the sex of one's children. Gribnau
 FW. *Lancet* 1:1228-9, 15 Jun 74
 Effects of mitomycin C on sex of *Aphelenchus avenae*
 (Nematoda) in axenic culture. Buecher EJ, et al.
Proc Soc Exp Biol Med 146:299-301, May 74
 [Development and sex differentiation of the genital
 tract of embryos of the phasma, *Clitumnus*
extradentatus Br] Cavallin M.
Bull Biol Fr Belg 107:231-64, 1973 (Eng. Abstr.) (Fre)
 [Developmental skin defects caused by chromosomal
 aberrations] Kozlowski J, et al.
Przegl Dermatol 61:227-34, Mar-Apr 74 (Pol)
 [Sex determination by hair] Khammer KH.
Sud Med Ekspert 17:36-8, Apr-Jun 74 (Eng. Abstr.)
 (Rus)
 [Sex determination in the disorders of sexual
 development by cytogenetical study of blood] Lakiza
 BS, et al. *Sud Med Ekspert* 17:31-3, Apr-Jun 74 (Rus)
 [Sex determination by the metric features of the crural
 bones] Nafnis IV, et al.
Sud Med Ekspert 17:8-10, Apr-Jun 74 (Eng. Abstr.)
 (Rus)
 [Changes in the trace element composition of the hair
 as a tool in the expert criteria of species and sex
 identification (dogs, cats and swine as models)]
 Smol'ianinov VM, et al.
Sud Med Ekspert 17:17-8, Jan-Mar 74 (Rus)
 [Current data on human amniotic cytology and their
 significance for medical genetics] Brusilovskii AI, et
 al. *Tsitol Genet* 8:169-72, Mar 74 (Eng. Abstr.) (Rus)

SEX REVERSAL, GONADAL

- Apparent heterosexuality in two male patients
 requesting change-of-sex operation. Barr RF, et al.
Arch Sex Behav 3:325-30, Jul 74
 X-XY mosaicism with short y. Berger R, et al.
Clin Genet 5:211-7, 1974

PLACENTA

1. Physical and Functional Aspects

PLACENTA

ANALYSIS

- Complexity of human satellite A DNA. Chuang CR, et al. *Biochem Biophys Res Commun* 57:1221-30, 23 Apr 74
- Relationship between the sex of the foetus and the amount of human chorionic gonadotrophin in placentae from the 10th to the 20th week of pregnancy. Wide L, et al. *J Endocrinol* 61:75-81, Apr 74
- [Influence of thiamine, riboflavin and vitamin B6 diet content in pregnant rats, upon the content of these same vitamins in the maternal and fetal tissues] Leclerc J. *Ann Nutr Aliment* 27:213-23, 1973 (Fre)
- [Serum acid mucopolysaccharides in women during labour and puerperium and in the umbilical-cord blood and placental tissue following spontaneous and instrumental deliveries (author's transl)] Grudziel M. *Ann Univ Mariae Curie Sklodowska [Med]* 28:263-9, 1973 (Eng. Abstr.) (Pol)
- [Vitamins C, PP and B6 in the blood and placenta in the dynamics of the development of pregnancy and labor normally and in obstetrical pathology] Ganich MM. *Pediatr Akush Ginekol* 2:38-42, 1973 (Ukr)

ENZYMOLGY

- Hormone and enzyme assays in pregnancy. I. Studies on the placental and the tissue cystine-aminopeptidase activity in peripheral plasma from non-pregnant and pregnant women, and in plasma from the umbilical cord. Christensen A. *Acta Endocrinol (Kbh)* 76:189-200, May 74
- Hormone and enzyme assays in pregnancy. 3. The placental cystine-aminopeptidase and the urinary oestrogens in pregnancies complicated with essential hypertension, mild or severe pre-eclampsia. Christensen A. *Acta Endocrinol (Kbh)* 76:353-63, Jun 74
- Hormone and enzyme assays in pregnancy. II. The human chorionic somatomammotrophin, progesterone and placental cystine-aminopeptidase levels in normal pregnancy. Christensen A, et al. *Acta Endocrinol (Kbh)* 76:201-8, May 74
- Human glutamine phosphoribosylpyrophosphate (PP-ribose-P) amidotransferase: kinetic, regulation and configurational changes. Holmes EW Jr, et al. *Adv Exp Med Biol* 41:43-53, 1973
- New problems in sonar diagnosis in obstetrics and gynecology. Donald I. *Am J Obstet Gynecol* 118:299-309, 1 Feb 74 (45 ref.)
- In vitro correction of deficient human fibroblasts by beta-glucuronidase from different human sources. Brot FE, et al. *Biochem Biophys Res Commun* 57:1-8, 15 Mar 74
- A study of arylsulfatase activity in children born of pregnancies affected with placental sulfatase deficiency. France JT, et al. *Biochem Med* 10:167-74, Jun 74
- Evidence of the direct aromatization of testosterone and different aromatization sites for testosterone and androstenedione in human placental microsomes. Bellino FL, et al. *Biochemistry* 13:1925-31, 23 Apr 74
- Characterization of monosaccharides in human placental alkaline phosphatase by gas-liquid chromatography. Ghosh NK, et al. *Biochim Biophys Acta* 343:638-40, 24 May 74
- Inorganic pyrophosphate-phosphohydrolytic activity

- associated with human placental alkaline orthophosphatase. Nature of the substrate and role of magnesium. Horder M. *Biochim Biophys Acta* 341:41-7, 21 Mar 74
- Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Oakley RE, et al. *Clin Endocrinol (Oxf)* 3:131-48, Apr 74
- Multiple molecular forms of gamma-glutamyl transpeptidase during human pregnancy. Jones DD, et al. *Enzyme* 17:139-45, 1974
- Human placental alkaline phosphatase, an inhibitor of hemagglutination by PR8-influenza A virus. Ghosh NK, et al. *Experientia* 30:333-5, 15 Apr 74
- Isolation and relationship of human hexosaminidases. Tallman JF, et al. *J Biol Chem* 249:3489-99, 10 Jun 74
- Synthesis of human placental alkaline phosphatase in vitro by the ChaGo cell line. Ludueña MA, et al. *J Natl Cancer Inst* 52:1705-9, Jun 74
- Histochemical examination of the human placenta for 5-hydroxytryptamine and monoamine oxidase. Jones JB, et al. *J Obstet Gynaecol Br Commonw* 81:469-71, Jun 74
- Benzo(a)pyrene hydroxylase activity in the whole implantation site, decidua, placenta and fetal membranes of the rat. Schiede E, et al. *Naunyn Schmiedeberg Arch Pharmacol* 282:59-73, 1974
- Editorial: Phosphatase isoenzymes in human serum. Kelding NR. *Scand J Clin Lab Invest* 33:1-4, Feb 74
- [The determination of fibrinolysis activators] Astedt B, et al. *Folia Haematol (Leipz)* 101:132-7, 1974 (Ger)
- [Effect of F-1 alpha, F-2 alpha and E-1 prostaglandins on the activity of monoamine oxidase in the placenta and brain tissues in female rats] Waroński W, et al. *Ginekol Pol* 45:399-402, Apr 74 (Eng. Abstr.) (Pol)
- [The activity and inducibility of phenazone hydroxylases, amidopyrine-N and codeine-o-methylases in rat placenta during different periods in its functioning] Goffman G, et al. *Farmakol Toksikol* 26:457-60, Jul-Aug 73 (Eng. Abstr.) (Rus)

METABOLISM

- Hormone and enzyme assays in pregnancy. II. The human chorionic somatomammotrophin, progesterone and placental cystine-aminopeptidase levels in normal pregnancy. Christensen A, et al. *Acta Endocrinol (Kbh)* 76:201-8, May 74
- In vitro effects of oestradiol and progesterone on the nucleic acid biosyntheses of the human full term placenta. Sarkar GC, et al. *Acta Endocrinol (Kbh)* 75:379-84, Feb 74
- Maternal and fetal fuel homeostasis in human pregnancy. Felig P. *Am J Clin Nutr* 26:998-1005, Sep 73 (37 ref.)
- On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Simmer HH, et al. *Am J Obstet Gynecol* 119:283-96, 1 Jun 74
- Sulfated mucopolysaccharides of midgestation embryonic and extraembryonic tissues of the mouse. Shapiro SS, et al. *Arch Biochem Biophys* 162:272-80, May 74
- Calcium transport in the early conceptus and associated maternal tissues in the rabbit. McIntosh JE, et al. *Biochem J* 138:97-105, Jan 74
- Calcium binding to placental plasma membranes as measured by rate of diffusion in a flow dialysis

PLACENTA

- system. Shami Y, et al.
Biochim Biophys Acta 339:323-33, 29 Mar 74
 Studies on corticosterone-receptor complexes from mouse placenta. Wong MD, et al.
Can J Biochem 52:190-5, Mar 74
 Metabolism of carbaryl by selected human tissues using an organ-maintenance technique. Chin BH, et al.
Clin Toxicol 7:37-56, 1974
 Effect of metabolic inhibitors and chelating agents on ⁵⁹Fe uptake by the placental tissues of the rat, *Rattus norvegicus*. Wyllie JC, et al.
Comp Biochem Physiol [A] 48:361-7, 1 Jun 74
 The effect of increasing maternal dehydroepiandrosterone sulfate on estrogen synthesis by pregnant baboons. Crystle CD, et al.
Endocrinology 94:1743-5, Jun 74
 On the mechanism of conversion of circulating delta4-androstene-3, 17-dione to estrone: stereochemistry of the elimination of hydrogen from ring A. Kelly WG. *Endocrinology* 95:308-10, Jul 74
 Placental permeability of lead. Carpenter SJ.
Environ Health Perspect 7:129-31, May 74
 Free cell suspensions from rat placental tissue: metabolism of pregnenolone-4-14C and progesterone-4-14C. Dziadkowiec I, et al.
Experientia 30:438-9, 15 Apr 74
 Effect of maternal intrahepatic cholestasis on fetal sterol metabolism. Laatikainen TJ, et al.
J Clin Invest 53:1709-15, Jun 74
 Proceedings: Mechanism of action of glucocorticoids in induction of ovine parturition: effect on placental steroid metabolism. Anderson AB, et al.
J Endocrinol 61:xxxvixxxvii, Apr 74
 Rat alpha1 fetoprotein. V. Catabolism and fetal-maternal distribution. Sell S, et al.
J Natl Cancer Inst 52:1483-9, May 74
 Fetal malnutrition. *Nutr Rev* 31:179-81, Jun 73 (18 ref.)
 Anticoagulant therapy of patients with repeated placental infarction. Buyse FG, et al.
Obstet Gynecol 43:844-8, Jun 74
 Placental amino acid uptake. II. Tissue preincubation, fluid distribution, and mechanisms of regulation. Smith CH, et al. *Pediatr Res* 8:697-703, Jul 74
 The synthesis of human placental lactogen by ribosomes derived from human placenta. Bolme I, et al. *Proc Natl Acad Sci USA* 71:1322-5, Apr 74
 Histochemistry of enzymes involved in the synthesis and breakdown of glycogen in the junctional zone of the rat's placenta. Kulay L Jr, et al.
Rev Bras Pesqui Med Biol 6:381-5, Nov-Dec 73
 [Distribution of C14-labeled erucic acid in normal or pregnant mice] Martinelli M, et al.
C R Acad Sci [D] (Paris) 276:853-6, 29 Jan 73 (Fre)
 [Development of radiometric methods for in vitro detection of metabolic diseases in human beings] Tran N, et al.
Union Med Can 103:1656-9, Aug 73 (Eng. Abstr.) (Fre)
 [Carbohydrate turn over, energy deficit and the formation of plasma polyps within the placenta after poisoning with moniodoacetate and sodium fluoride (author's transl)] Thorn W, et al.
Arch Gynaekol 216:175-83, 12 Mar 74 (Eng. Abstr.) (Ger)

PLACENTA

- [Semi thin section cytochemical and immunologic autoradiographical findings on hormone metabolism of the ripe human placenta] Kaufmann P, et al.
Verh Anat Ges 67:245-9, 1972 (Eng. Abstr.) (Ger)
 [Cytochemical studies in semi thin sections on transport and metabolism of carbohydrates in placental villi] Stark J, et al.
Verh Anat Ges 67:251-6, 1972 (Eng. Abstr.) (Ger)
 [Characteristics of the course of the recovery period in animals experiencing clinical death and revived with the aid of artificial circulation] Soboleva VI, et al.
Ann Ostet Ginecol Med Perinat 94:171-9, Mar 73 (Eng. Abstr.) (Ita)
 [Some biochemical and histochemical changes in the uterus and placenta during labor and the mechanism of their influence on fetus] Baksheev NS, et al.
Aktuel Probl Klin Biochem 49:12-8, Jul 73 (Eng. Abstr.) (Rus)
 [Significance of biochemical changes in the placenta in the pathology of uterine contractile activity] Persianinov LS, et al.
Aktuel Probl Klin Biochem 49:6-12, Jul 73 (Eng. Abstr.) (Rus)

PHYSIOLOGY

- The entry of placental thromboplastin into the maternal and fetal circulations. Stalker AL.
Bibl Anat 12:55-7, 1973
 Isoaccepting histidyl-tRNAs in the mouse placenta. De Leon V, et al. *Cell Differ* 1:279-85, Dec 72
 An inhibitory action of prolactin on isolated rabbit myometrium. Matti JK, et al.
East Afr Med J 51:228-31, Feb 74
 Placental transfer of oxygen and carbon dioxide. *Med Arts Sci* 27:33-4, 1973
 Placental transfer of diphenylhydantoin: effects of species, gestational age, and route of administration. Stevens MW, et al. *Teratology* 9:317-26, Jun 74
 [Variation in embryonic and placental weights in the primiparous sow at day 30 of gestation] Legault C, et al.
Ann Biol Anim Biochim Biophys 13:25-36, 1973 (Eng. Abstr.) (Fre)

PHYSIOPATHOLOGY

- [The uteroplacental circulation (author's transl)] Moll W, et al.
Z Geburtshilfe Perinatol 178:1-18, Feb 74 (82 ref.) (Eng. Abstr.) (Ger)

SECRETION

- Human chorionic TSH (hCTSH, hCT) during normal or molar pregnancy. Tojo S, et al.
Endocrinol Jap 20:505-15, Oct 73
 [The role of the time factor in the synthesis of trophoblast choriongonadotropin (HCG) and its inhibition (in vitro experiments)] Lajos L, et al.
Orv Hetil 115:1151-3, 19 May 74 (Hun)

PLACENTA

II. Disorders of the Placenta

CHORIOADENOMA

IMMUNOLOGY

Invasive mole, gestational choriocarcinoma and transplantation antigens. Mogensen B, et al. *Ser Haematol* 5:22-43, 1972

METABOLISM

Invasive mole, gestational choriocarcinoma and transplantation antigens. Mogensen B, et al. *Ser Haematol* 5:22-43, 1972

CHORIOCARCINOMA

Nonseminomatous testicular tumor. Comparison of treatment. Varkarakis M, et al. *Urology* 3:684-8, Jun 74 [Malignant testicular tumors (author's transl)] Kollias G, et al. *Urology* [A] 13:72-4, Mar 74 (Eng. Abstr.) (Ger)

COMPLICATIONS

Intracranial metastases from unsuspected choriocarcinoma. Onset suggestive of cerebrovascular disease. Shuangshoti S, et al. *Neurology* (Minneapolis) 24:649-54, Jul 74

DIAGNOSIS

A histochemical characterization of malignant tumour mucins as a possible aid in the identification of metastatic deposits. Cook HC. *Med Lab Technol* 30:217-24, Jul 73
Intracranial metastases from unsuspected choriocarcinoma. Onset suggestive of cerebrovascular disease. Shuangshoti S, et al. *Neurology* (Minneapolis) 24:649-54, Jul 74

DRUG THERAPY

Letter: Possible inhibitory effect of androgens on bone marrow suppression by cytotoxic agents--a dose-dependent phenomenon? Sadoff L, et al. *Cancer Chemother Rep* 58:125-7, Mar-Apr 74
Choriocarcinoma of the testis. Henry SC, et al. *J Urol* 112:105-8, Jul 74
Diamminodichloroplatinum in the chemotherapy of testicular tumors. Higby DJ, et al. *J Urol* 112:100-4, Jul 74
[Bleomycin for malignant tumours of the genitals of the male (author's transl)] Rathert P, et al. *Urology* [A] 13:67-71, Mar 74 (Eng. Abstr.) (Ger)

IMMUNOLOGY

Invasive mole, gestational choriocarcinoma and transplantation antigens. Mogensen B, et al. *Ser Haematol* 5:22-43, 1972
The expression of the HL-A antigens of human spermatozoa. Hallm A, et al. *Tissue Antigens* 4:1-6, 1974

METABOLISM

Histochemical aspects of hydatidiform mole and choriocarcinoma. el-Fiky SM, et al. *Acta Histochem (Jena)* 47:115-23, 1973
Invasive mole, gestational choriocarcinoma and transplantation antigens. Mogensen B, et al. *Ser Haematol* 5:22-43, 1972

PATHOLOGY

Histochemical aspects of hydatidiform mole and choriocarcinoma. el-Fiky SM, et al. *Acta Histochem (Jena)* 47:115-23, 1973
Intracranial metastases from unsuspected choriocarcinoma. Onset suggestive of

cerebrovascular disease. Shuangshoti S, et al. *Neurology* (Minneapolis) 24:649-54, Jul 74

PHYSIOPATHOLOGY

Estrogen production and its origin in men with gonadotropin-producing neoplasms. Kirschner MA, et al. *J Clin Endocrinol Metab* 39:112-8, Jul 74

RADIOTHERAPY

Choriocarcinoma of the testis. Henry SC, et al. *J Urol* 112:105-8, Jul 74
Lymphadenectomy combined with preoperative and postoperative cobalt 60 teletherapy in the management of embryonal carcinoma and teratocarcinoma of the testis. Nicholson TC, et al. *J Urol* 112:109-10, Jul 74

SURGERY

Lymphadenectomy combined with preoperative and postoperative cobalt 60 teletherapy in the management of embryonal carcinoma and teratocarcinoma of the testis. Nicholson TC, et al. *J Urol* 112:109-10, Jul 74
[Complications following retroperitoneal lymph node dissection in malignant testicular tumors (author's transl)] Bartels H, et al. *Urology* [A] 13:75-9, Mar 74 (Eng. Abstr.) (Ger)
[Bleomycin for malignant tumours of the genitals of the male (author's transl)] Rathert P, et al. *Urology* [A] 13:67-71, Mar 74 (Eng. Abstr.) (Ger)

THERAPY

[Chorionic diseases] Kawashima Y. *Clin Endocrinol (Tokyo)* 22:130-4, Jan 74 (Jap)

URINE

Intracranial metastases from unsuspected choriocarcinoma. Onset suggestive of cerebrovascular disease. Shuangshoti S, et al. *Neurology* (Minneapolis) 24:649-54, Jul 74

HYDATIDIFORM MOLE

BLOOD

Human chorionic TSH (hCTSH, hCT) during normal or molar pregnancy. Tojo S, et al. *Endocrinol Jap* 20:505-15, Oct 73
Urinary excretion of steroids in a case of hydatidiform mole with ascites. Moneta E, et al. *Obstet Gynecol* 44:47-52, Jul 74
[Biochemical and immunochemical properties of human placental lactogen: hPL, human chorionic somatomammotropin: hCS. 3. Immunological character and its clinical application] Morikawa H. *Folia Endocrinol Jap* 50:42-59, 20 Jan 74 (Eng. Abstr.) (Jap)

COMPLICATIONS

Urinary excretion of steroids in a case of hydatidiform mole with ascites. Moneta E, et al. *Obstet Gynecol* 44:47-52, Jul 74

DIAGNOSIS

[Diagnostic and therapeutic problems in the hypertrophic form of hydatidiform mole] Iliev G, et al. *Akush Ginekol (Sofia)* 13:144-7, 1974 (Eng. Abstr.) (Bul)
[Alpha-1-fetoprotein--diagnostic significance. Determination using radioimmunoassay and migration-immunoelectrophoresis] Gassner M, et al.

HYDATIDIFORM MOLE

Schweiz Med Wochenschr 104:557-64, 20 Apr 74 (Eng. Abstr.) (Ger)
[Early diagnosis of molar pregnancy] Toaff R, et al.
Harefuah 86:288-91, 15 Mar 74 (Eng. Abstr.) (Heb)

DRUG THERAPY

[Excretion of estrogens and pregnanediol in women with hydatid mole treated with methotrexate] Skriuchenkova VA, et al.
Akush Ginekol (Mosk) 49:88-9, Nov 73 (Rus)

HISTORY

Michael Scot and Mary of Bologna: an addendum. (Scot M), (Mary of Bologna), O'Neill YV.
Clio Med 9:125-9, Jun 74
Michael Scot and Mary of Bologna. A medieval gynecological puzzle. (Scot M), (Mary of Bologna), O'Neill YV. Clio Med 8:87-111, Jun 73

IMMUNOLOGY

Invasive mole, gestational choriocarcinoma and transplantation antigens. Mogensen B, et al.
Ser Haematol 5:22-43, 1972

METABOLISM

Histochemical aspects of hydatidiform mole and choriocarcinoma. el-Fiky SM, et al.
Acta Histochem (Jena) 47:115-23, 1973
Invasive mole, gestational choriocarcinoma and transplantation antigens. Mogensen B, et al.
Ser Haematol 5:22-43, 1972

PATHOLOGY

Histochemical aspects of hydatidiform mole and choriocarcinoma. el-Fiky SM, et al.
Acta Histochem (Jena) 47:115-23, 1973

RADIOGRAPHY

[X-ray diagnosis of hydatidiform mole] Rozmaric A, et al. Cesk Gynecol 39:45-6, Feb 74 (Cze)
[Early diagnosis of molar pregnancy] Toaff R, et al.
Harefuah 86:288-91, 15 Mar 74 (Eng. Abstr.) (Heb)

SURGERY

[Diagnostic and therapeutic problems in the hypertrophic form of hydatidiform mole] Iliev G, et al.
Akush Ginekol (Sofia) 13:144-7, 1974 (Eng. Abstr.) (Bul)

THERAPY

Letter: Adverse reactions to intra-amniotic prostaglandin. Br Med J 2:382-3, 18 May 74
[Chorionic diseases] Kawashima Y.
Clin Endocrinol (Tokyo) 22:130-4, Jan 74 (Jap)

URINE

Urinary excretion of steroids in a case of hydatidiform mole with ascites. Moneta E, et al.
Obstet Gynecol 44:47-52, Jul 74
[Excretion of estrogens and pregnanediol in women with hydatid mole treated with methotrexate] Skriuchenkova VA, et al.
Akush Ginekol (Mosk) 49:88-9, Nov 73 (Rus)

PLACENTA

INJURIES

Letter: Fetomaternal transfusion at placental puncture. Astedt B, et al. Lancet 1:941-2, 11 May 74

PLACENTA DISORDERS

Cord haemoglobin in low birthweight infants. Burman D, et al. Arch Dis Child 49:382-5, May 74
Behavioral patterns and brain nucleic acid and pyridoxal phosphate contents of male rat progeny from vitamin B-6-repleted dams. Driskell JA, et al. J Nutr 104:810-8, Jul 74

Thymic function in malnutrition.
Nutr Rev 32:180-2, Jun 74 (11 ref.)

BLOOD

A study of arylsulfatase activity in children born of pregnancies affected with placental sulfatase deficiency. France JT, et al.
Biochem Med 10:167-74, Jun 74

CHEMICALLY INDUCED

Intrauterine dystrophy in rats due to placental insufficiency caused by hormonally induced prolonged gestation. Bührdel P, et al.
Biol Neonate 24:57-65, 1974
Histopathological changes in the placenta of streptozotocin induced diabetic rats. Prager R, et al. Diabetologia 10:89-91, Feb 74
[The morphology of the guinea pig placenta after poisoning with monodineacetate and fluoride (author's transl)] Kaufmann P, et al.
Arch Gynaekol 216:185-203, 12 Mar 74 (Eng. Abstr.) (Ger)
[Carbohydrate turn over, energy deficit and the formation of plasma polyps within the placenta after poisoning with monodineacetate and sodium fluoride (author's transl)] Thorn W, et al.
Arch Gynaekol 216:175-83, 12 Mar 74 (Eng. Abstr.) (Ger)

CLASSIFICATION

[The correlation between foetal risk and pathomorphology of the placenta in cases of intrauterine growth retardation (author's transl)] Busch W.
Arch Gynaekol 216:167-74, 12 Mar 74 (Eng. Abstr.) (Ger)

COMPLICATIONS

The etiology of cerebral palsy in pre-term infants. Churchill JA, et al.
Dev Med Child Neurol 16:143-9, Apr 74
Uterine artery ligation for control of postcesarean section hemorrhage. O'Leary JL, et al.
Obstet Gynecol 43:849-53, Jun 74
Fetal undergrowth: relation of head growth to later intellectual performance. Babson SG, et al.
Pediatrics 53:890-4, Jun 74
[The correlation between foetal risk and pathomorphology of the placenta in cases of intrauterine growth retardation (author's transl)] Busch W.
Arch Gynaekol 216:167-74, 12 Mar 74 (Eng. Abstr.) (Ger)
[Prenatal dystrophy] Mancke H.
Med Monatsschr 28:14-9, Jan 74 (38 ref.) (Ger)

DIAGNOSIS

Abnormal antepartum cardiotocograms in patients with placental insufficiency. Tushulzen PB, et al.
Am J Obstet Gynecol 119:638-47, 1 Jul 74
[Proceedings: Possibilities and limitations of ultrasonic diagnosis] Kratochwil A, et al.
Geburtshilfe Frauenheilkd 34:210-2, Mar 74 (Ger)

DRUG THERAPY

Anticoagulant therapy of patients with repeated placental infarction. Buyse FG, et al.
Obstet Gynecol 43:844-8, Jun 74
[Endocrine disorders of the fetal and placental system] Kuwabara Y.
Clin Endocrinol (Tokyo) 22:136-7, Jan 74 (Jap)

ENZYMOLGY

A study of arylsulfatase activity in children born of pregnancies affected with placental sulfatase deficiency. France JT, et al.
Biochem Med 10:167-74, Jun 74
[Proceedings: Enzyme histochemical studies of the placenta in placental insufficiency] Bastert G.
Arch Gynaekol 214:60-1, 28 Sep 73 (Ger)

PLACENTA TROPHOBLASTIC TUMOR

ETIOLOGY

- Pathological changes in pregnant mice infected with Coxsackie B3 virus as a possible cause of retarded foetal development. Lansdown AB, et al.
Br J Exp Pathol 55:101-9, Apr 74
- Placentitis and abortion in cattle inoculated with chlamydiae isolated from aborted human placental tissue. Page LA, et al.
Proc Soc Exp Biol Med 146:269-75, May 74
- [Morphological abnormalities of the placenta in relation to the severity of preeclampsia (author's transl)] Werner C, et al.
Geburtshilfe Frauenheilkd 34:168-74, Mar 74 (Eng. Abstr.) (Ger)
- [Is the "endangitis obliterans placentae" caused by an intrauterine infection? (author's transl)] Busch W, et al.
Z Geburtshilfe Perinatol 178:30-3, Feb 74 (Eng. Abstr.) (Ger)
- [Functional-morphological changes of placental tissue in women with hypotensive syndrome] Bergman AS, et al. *Akush Ginekol (Mosk)* 49:45-8, Nov 73 (Rus)

FAMILIAL & GENETIC

- A study of arylsulfatase activity in children born of pregnancies affected with placental sulfatase deficiency. France JT, et al.
Biochem Med 10:167-74, Jun 74

IMMUNOLOGY

- Mycologic, serologic and histologic findings in bovine abortion associated with *Allescheria boydii*. Knudtson WU, et al. *Drugs* 7:81-6, 1974
- Letter: Disorders of neutrophil function. Chandra RK. *Lancet* 1:1052, 25 May 74

METABOLISM

- Anticoagulant therapy of patients with repeated placental infarction. Buyse FG, et al.
Obstet Gynecol 43:844-8, Jun 74

MICROBIOLOGY

- Mycologic, serologic and histologic findings in bovine abortion associated with *Allescheria boydii*. Knudtson WU, et al. *Drugs* 7:81-6, 1974

PATHOLOGY

- Amnion nodosum: ultrastructure and histopathogenesis. Salazar H, et al.
Arch Pathol 98:39-46, Jul 74
- Mycologic, serologic and histologic findings in bovine abortion associated with *Allescheria boydii*. Knudtson WU, et al. *Drugs* 7:81-6, 1974
- Placentitis and abortion in cattle inoculated with chlamydiae isolated from aborted human placental tissue. Page LA, et al.
Proc Soc Exp Biol Med 146:269-75, May 74
- [The correlation between foetal risk and

- pathomorphology of the placenta in cases of intrauterine growth retardation (author's transl)] Busch W.
Arch Gynaekol 216:167-74, 12 Mar 74 (Eng. Abstr.) (Ger)
- [The morphology of the guinea pig placenta after poisoning with monodineacetate and fluoride (author's transl)] Kaufmann P, et al.
Arch Gynaekol 216:185-203, 12 Mar 74 (Eng. Abstr.) (Ger)
- [Morphological abnormalities of the placenta in relation to the severity of preeclampsia (author's transl)] Werner C, et al.
Geburtshilfe Frauenheilkd 34:168-74, Mar 74 (Eng. Abstr.) (Ger)
- [Is the "endangitis obliterans placentae" caused by an intrauterine infection? (author's transl)] Busch W, et al.
Z Geburtshilfe Perinatol 178:30-3, Feb 74 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

- Abnormal antepartum cardiotocograms in patients with placental insufficiency. Tushulzen PB, et al.
Am J Obstet Gynecol 119:638-47, 1 Jul 74
- [The uteroplacental circulation (author's transl)] Moll W, et al.
Z Geburtshilfe Perinatol 178:1-18, Feb 74 (82 ref.) (Eng. Abstr.) (Ger)

VETERINARY

- Mycologic, serologic and histologic findings in bovine abortion associated with *Allescheria boydii*. Knudtson WU, et al. *Drugs* 7:81-6, 1974
- Etiological aspects of perinatal mortality in the Thoroughbred. Platt H. *Equine Vet J* 5:116-20, Jul 73

TROPHOBLASTIC TUMOR

BLOOD

- Radioimmunoassay of pituitary gonadotropins: serum levels in normal women and those with gonadal dysfunction. Rastogi GK, et al.
J Assoc Physicians India 21:643-9, Aug 73

DIAGNOSIS

- Endocrine laboratory assays in obstetrics and gynecology. Boots LR, et al.
Ala J Med Sci 10:445-52, Oct 73
- Invasive mole, gestational choriocarcinoma and transplantation antigens. Mogensen B, et al.
Ser Haematol 5:22-43, 1972

URINE

- [Determination of low unit urinary HCG with Hi-Gonavis] Ito S, et al.
Clin Endocrinol (Tokyo) 22:423-34, Mar 74 (Jap)

PLACENTA

III. Placental Hormones, Precursors, Metabolites and Synthetic Analogs

GONADOTROPINS, CHORIONIC

Thyroid physiology in health and disease.
Ann Intern Med 81:88-81, Jul 74 (94 ref.)
 Chemical and biological properties of the subunits of pregnant mare serum gonadotropin. Papkoff H.
Biochem Biophys Res Commun 58:397-404, 20 May 74
 Proceedings: Immunological determinants of luteinizing hormone and human chorionic gonadotropin: contributions of the sub-units and of the conformation of the native hormone. Jacobs HS, et al. *N Engl J Med* 291:xlii, 11 Jun 74

ADMINISTRATION & DOSAGE

Plasma testosterone and estradiol concentration in prepubertal boys with cryptorchidism before and after dexamethasone and after human chorionic gonadotropin administration. Cacciari E, et al.
Helv Paediatr Acta 29:27-34, Apr 74
 Serum progesterone values in the luteal phase defects. Effect of chorionic gonadotropin. Jones GS, et al.
Obstet Gynecol 44:26-34, Jul 74
 [Effect of an intravenous infusion of human chorionic gonadotropin (HCG) on urinary excretion of testosterone, epitestosterone and estrogens in normal man] Lehmkühl G, et al.
Endokrinologie 62:376-86, 1973 (Eng. Abstr.) (Ger)

ANALYSIS

Human chorionic gonadotropin, reaction with tetranitromethane. Hum VG, et al.
Biochemistry 13:2359-64, 21 May 74
 Luteinizing hormone and human chorionic gonadotropin: structure and activity. Jutisz M, et al.
Curr Top Exp Endocrinol 2:195-246, 1974
 Properties of the subunits of human chorionic gonadotropin. Morgan FJ, et al.
Endocrinology 94:1601-6, Jun 74
 Relationship between the sex of the foetus and the amount of human chorionic gonadotropin in placenta from the 10th to the 20th week of pregnancy. Wide L, et al. *J Endocrinol* 61:75-81, Apr 74
 Ectopic production of the isolated alpha subunit of the glycoprotein hormones. A quantitative marker in certain cases of cancer. Rosen SW, et al.
N Engl J Med 290:1441-7, 27 Jun 74
 [Semi thin section cytochemical and immunologic autoradiographical findings on hormone metabolism of the ripe human placenta] Kaufmann P, et al.
Verh Anat Ges 67:245-9, 1972 (Eng. Abstr.) (Ger)
 [Radioimmunochemical method of chorionic gonadotropin determination] Kosowicz J, et al.
Ginekol Pol 45:877-82, Jun 74 (Eng. Abstr.) (Pol)

ANTAGONISTS & INHIBITORS

[The role of the time factor in the synthesis of trophoblast choriongonadotropin (HCG) and its inhibition (in vitro experiments)] Lajos L, et al.
Orv Hetil 115:1151-3, 19 May 74 (Hun)

BIOSYNTHESIS

In vitro synthesis of an ACTH-like hormone and human chorionic somatomammotrophin by placental and amniotic cells. Genazzani AR, et al.
Experientia 30:430-2, 15 Apr 74
 Synthesis of human placental alkaline phosphatase in vitro by the ChaGo cell line. Ludueña MA, et al.
J Natl Cancer Inst 52:1705-9, Jun 74
 [The role of the time factor in the synthesis of trophoblast choriongonadotropin (HCG) and its inhibition (in vitro experiments)] Lajos L, et al.
Orv Hetil 115:1151-3, 19 May 74 (Hun)
 [How can the HCG synthesis of trophoblast tissue cultures be explained?] Lajos L, et al.
Orv Hetil 115:373-5, 17 Feb 74 (Hun)

[Endocrine sterility. Diagnosis and treatment]
 Campagnoli C. *Minerva Ginecol* 26:159-65, Mar 74 (Ita)

BLOOD

Pattern of the human chorionic somatomammotrophic (HCS) concentration ratio in maternal serum and amniotic fluid during normal pregnancy. Berle P.
Acta Endocrinol (Kbh) 76:364-8, Jun 74
 Hormone and enzyme assays in pregnancy. II. The human chorionic somatomammotrophin, progesterone and placental cystine-aminopeptidase levels in normal pregnancy. Christensen A, et al.
Acta Endocrinol (Kbh) 76:201-8, May 74
 Endocrine laboratory assays in obstetrics and gynecology. Boots LR, et al.
Ala J Med Sci 10:445-52, Oct 73
 Maternal and fetal fuel homeostasis in human pregnancy. Fellig P.
Am J Clin Nutr 26:998-1005, Sep 73 (37 ref.)
 Human chorionic gonadotropin levels during and after labour. Macdonald HN, et al.
J Obstet Gynaecol Br Commonw 81:371-3, May 74
 [Measurement of plasma FSH and LH in sterile women treated with human gonadotropins] Bolte E, et al.
Union Med Can 103:653-6, Apr 74 (Eng. Abstr.) (Fre)
 [The pituitary-gonadal axis in the normal male; radioimmunoassay of hormones (author's transl)] Spona J, et al.
Wien Klin Wochenschr 86:311-5, 31 May 74 (Eng. Abstr.) (Ger)
 [Determination of low unit urinary HCG with H-Gonavis] Ito S, et al.
Clin Endocrinol (Tokyo) 22:423-34, Mar 74 (Jap)
 [Radioimmunochemical method of chorionic gonadotropin determination] Kosowicz J, et al.
Ginekol Pol 45:877-82, Jun 74 (Eng. Abstr.) (Pol)

DIAGNOSTIC USE

Further studies on Leydig cell function in old age.
 Rubens R, et al. *J Clin Endocrinol Metab* 39:40-5, Jul 74

ISOLATION & PURIFICATION

A method for the preparation of desialylated human chorionic gonadotropin and its sub-units. Gershey EL, et al. *Biochim Biophys Acta* 342:322-32, 11 Apr 74
 Luteinizing hormone and human chorionic gonadotropin: structure and activity. Jutisz M, et al.
Curr Top Exp Endocrinol 2:195-246, 1974
 Properties of the subunits of human chorionic gonadotropin. Morgan FJ, et al.
Endocrinology 94:1601-6, Jun 74

METABOLISM

Pattern of the human chorionic somatomammotrophic (HCS) concentration ratio in maternal serum and amniotic fluid during normal pregnancy. Berle P.
Acta Endocrinol (Kbh) 76:364-8, Jun 74
 Augmentation of the rat uterine weight response to human chorionic gonadotropin by various steroids. Hipkin LJ. *Acta Endocrinol (Kbh)* 75:141-7, Jan 74
 Disulphide groups of gonadotropin receptors are essential for specific binding of human chorionic gonadotropin. Dufau ML, et al.
Biochim Biophys Acta 343:417-22, 22 Apr 74
 Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Ueda G, et al. *Int J Cancer* 12:100-14, 15 Jul 73
 Properties of gonadotropin receptors in the cell membranes of bovine corpus luteum. Rao CV.
J Biol Chem 249:2864-72, 10 May 74
 Binding of luteinizing hormone and human chorionic gonadotropin to ovarian cells and activation of adenylate cyclase. Koch Y, et al.
N Engl J Med 291:179-91, 11 Jun 74
 Prostaglandin receptors in the bovine corpus luteum

- cell membranes. Rao CV.
 Prostaglandins 6:533-6, 25 Jun 74
 Invasive mole, gestational choriocarcinoma and
 transplantation antigens. Mogensen B, et al.
 Ser Haematol 5:22-43, 1972

PHARMACODYNAMICS

- Augmentation of the rat uterine weight response to
 human chorionic gonadotropin by various steroids.
 Hipkin LJ. Acta Endocrinol (Kbh) 75:141-7, Jan 74
 Control of rat testicular monoamine oxidase (MAO)
 activity: hypophysectomy, adrenalectomy, FSH, LH,
 prolactin, HCG and testosterone. Urry RL, et al.
 Acta Endocrinol (Kbh) 76:392-402, Jun 74
 Plasma prolactin, LH, and corticosterone in rats
 exposed to a novel environment. Baldwin DM, et al.
 Am J Physiol 226:1366-9, Jun 74
 Human chorionic gonadotropin, reaction with
 tetranitromethane. Hum VG, et al.
 Biochemistry 13:2359-64, 21 May 74
 Gonadotropin regulation of nucleotide biosynthesis in
 corpus luteum. McKerns KW.
 Biochemistry 12:5206-11, 4 Dec 73
 Effect of gonadotropins on the reduced excretion of a
 gonadotropin-inhibiting substance in the
 hypophysectomized rats. Ota M, et al.
 Endocrinol Jap 20:497-504, Oct 73
 Testosterone in normal, cryptorchid and castrated
 male horses. Cox JE, et al. Equine Vet J 5:85-90, Apr 73
 Mechanisms regulating ovarian cycle in the toad Bufo
 bufo bufo (L): role of presence of second growth
 phase oocytes in controlling recruitment from pool of
 first growth phase oocytes. Barker Jorgensen C.
 Gen Comp Endocrinol 23:170-7, Jun 74
 Plasma testosterone and estradiol concentration in
 prepubertal boys with cryptorchidism before and
 after dexamethasone and after human chorionic
 gonadotropin administration. Cacciari E, et al.
 Helv Paediatr Acta 29:27-34, Apr 74
 Precursor-product relationship between amphibian
 vitellogenin and the yolk proteins, lipovitellin and
 phosvitin. Bergink EW, et al.
 J Biol Chem 249:2897-903, 10 May 74
 Properties of gonadotropin receptors in the cell
 membranes of bovine corpus luteum. Rao CV.
 J Biol Chem 249:2864-72, 10 May 74
 Proceedings: Comparison of steroid hormone
 production in the gonadotropin-stimulated
 menstrual cycle with that found in the normal human
 menstrual cycle. Coutts JR, et al.
 J Endocrinol 61:28-9, Apr 74
 Modifications in ovarian and pituitary function in the
 hysterectomized pregnant hamster. Greenwald GS.
 J Endocrinol 61:45-51, Apr 74
 Proceedings: Some histochemical changes in immature
 mouse ovaries after gonadotropin treatment. Kent J.
 J Endocrinol 61:xxix-xlii, Apr 74
 Some characteristics of the zona pellucida antigen in
 the hamster. Garavagno A, et al.
 J Exp Zool 189:37-50, Jun 74
 Human sexual differentiation-in utero influences.
 Abramovich DR.
 J Obstet Gynaecol Br Commonw 81:448-53, Jun 74
 The effect of hypophysial hormones and human
 chorionic gonadotropin (HCG) on the anencephalic
 fetal adrenal cortex and on parturition in the human.
 Honnabier WJ, et al.
 J Obstet Gynaecol Br Commonw 81:423-38, Jun 74
 Development of hamster eggs fertilized in vitro or in
 vivo. Whittingham DG, et al.
 J Reprod Fertil 38:489-92, Jun 74
 Regulation of glycolysis in the early development of
 fish embryos. Milman LS, et al.
 Monogr Dev Biol 6:1-106, 1973 (272 ref.)
 Proceedings: Effect of human chorionic gonadotropin
 on in-vivo levels of cyclic AMP in rabbit ovaries. Goff
 AK, et al. N Engl J Med 291:ixxiv-ixxv, 11 Jun 74
 Effect of age on testis delta5-3beta-hydroxysteroid
 dehydrogenase in the rat. Leatham JH, et al.
 Proc Soc Exp Biol Med 145:1212-4, Apr 74
 [The in vitro formation of 5 alpha-dihydrotestosterone
 by the testis of DiscoGLOSSUS pictus] Ozon R, et al.
 Gen Comp Endocrinol 23:224-36, Jun 74 (Eng. Abstr.)
 (Fre)
 [Hypogonadism due to luteotropin-releasing hormone
 (LHRH) deficiency in a child with
 Prader-Labhart-Willi syndrome (author's transl)]
 Morgner KD, et al.

- Dtsch Med Wochenschr 99:1196-8, 31 May 74 (Eng.
 Abstr.) (Ger)
 [Effect of an intravenous infusion of human chorionic
 gonadotropin (HCG) on urinary excretion of
 testosterone, epitestosterone and estrogens in
 normal man] Lehmkuhl G, et al.
 Endokrinologie 62:376-86, 1973 (Eng. Abstr.) (Ger)
 [Treatment of male infertility with human
 gonadotropine (author's transl)] Da Rugna D, et al.
 Praxis 63:699-703, 11 Jun 74 (Eng. Abstr.) (Ger)
 [Changes in formation of hippocampus following effect
 of hormones] Sarraz R, et al.
 Verh Anat Ges 67:325-30, 1972 (Ger)
 [Biological determination of FSH in menogonadyl]
 Chojacka H, et al.
 Acta Pol Pharm 31:87-90, 1974 (Eng. Abstr.) (Pol)
 [Study of the action of certain hormonal and enzymatic
 preparations in early termination of pregnancy,
 caused by the administration of heterologous
 placental protein in experimental studies] Bullenke
 SD, et al.
 Akush Ginekol (Mosk) 49:8-11, Nov 73 (Eng. Abstr.)
 (Rus)

PHYSIOLOGY

- Luteinizing hormone and human chorionic
 gonadotropin: structure and activity. Jutiaz M, et al.
 Curr Top Exp Endocrinol 2:195-246, 1974
 Management of gestational diabetes. Bates GW.
 Postgrad Med 55:55-8, Jun 74

SECRETION

- Maternal and fetal fuel homeostasis in human
 pregnancy. Felig P.
 Am J Clin Nutr 26:998-1005, Sep 73 (37 ref.)
 Tumour-associated hormonal products. Landon J, et al.
 J Clin Pathol [Suppl] 7:127-34, 1974 (58 ref.)
 [The role of the time factor in the synthesis of
 trophoblast choriogonadotropin (HCG) and its
 inhibition (in vitro experiments)] Lajos L, et al.
 Orv Hetil 115:1151-3, 19 May 74 (Hun)

THERAPEUTIC USE

- Gonadotropins in obesity? Maudlin RK.
 Am Fam Physician 8:202-3, Oct 73
 Congenital absence of testes: anorchism and
 monorchism. Goldberg LM, et al.
 J Urol 111:840-5, Jun 74
 Proceedings: Plasma oestradiol and progesterone
 estimations in the monitoring of the induction of
 ovulation by human menopausal gonadotropin and
 human chorionic gonadotropin. McGarrigle HH, et al.
 N Engl J Med 291:xxxix-xxxi, 11 Jun 74
 Hyperthecosis syndrome. Farber M, et al.
 Obstet Gynecol 44:35-41, Jul 74
 Serum progesterone values in the luteal phase defects.
 Effect of chorionic gonadotropin. Jones GS, et al.
 Obstet Gynecol 44:26-34, Jul 74
 [Heterologous insemination in 140 cases] Jaszczak P, et
 al.
 Ugeskr Laeger 136:799-802, 8 Apr 74 (Eng. Abstr.)
 (Dan)
 [Measurement of plasma FSH and LH in sterile women
 treated with human gonadotropins] Bolte E, et al.
 Union Med Can 103:653-6, Apr 74 (Eng. Abstr.) (Fre)
 [Treatment of male infertility with human
 gonadotropine (author's transl)] Da Rugna D, et al.
 Praxis 63:699-703, 11 Jun 74 (Eng. Abstr.) (Ger)
 [Endocrine sterility. Diagnosis and treatment]
 Campagnoli C. Minerva Ginecol 26:159-65, Mar 74 (Ita)

URINE

- A method for the preparation of desialylated human
 chorionic gonadotropin and its sub-units. Gershey EL,
 et al. Biochim Biophys Acta 342:322-32, 11 Apr 74
 Choriocarcinoma of the testis. Henry SC, et al.
 J Urol 112:105-8, Jul 74
 Urinary excretion of steroids in a case of hydatidiform
 mole with ascites. Moneta E, et al.
 Obstet Gynecol 44:47-52, Jul 74
 [Qualitative determination of choriogonadotropin
 (HCG) in urine of pregnant women—a critical
 evaluation of a number of immunologic pregnancy
 tests] Gaede P.
 Ugeskr Laeger 136:1244-9, 3 Jun 74 (Eng. Abstr.) (Dan)

- [Early diagnosis of molar pregnancy] Toaff R, et al. *Harefuah* 86:288-91, 15 Mar 74 (Eng. Abstr.) (Heb)
- [Determination of low unit urinary HCG with HI-Gonavis] Ito S, et al. *Clin Endocrinol (Tokyo)* 22:423-34, Mar 74 (Jap)
- [Radioimmunologic method of chorionic gonadotropin determination] Kosowicz J, et al. *Ginekol Pol* 45:677-82, Jun 74 (Eng. Abstr.) (Pol)
- [Chorionic gonadotropin excretion in cases of viral hepatitis in pregnant women] Szymański W, et al. *Ginekol Pol* 45:459-63, Apr 74 (Eng. Abstr.) (Pol)
- [Urinary content of 3-alpha, 20-alpha pregnanediol and chorionic gonadotropins in pregnant women treated for cervix incompetence] Laudanski T, et al. *Pol Tyg Lek* 29:605-7, 15 Apr 74 (Eng. Abstr.) (Pol)
- [Determination of the origin of urine stains (pregnant women) with the aid of "gravimun" test] Babenko GA, et al.

Sud Med Ekspert 17:35-6, Apr-Jun 74 (Eng. Abstr.) (Rus)

- [Serological diagnosis of pregnancy by urine stains] Barinova LI.

Sud Med Ekspert 17:41-2, Apr-Jun 74 (Rus)

GONADOTROPINS, EQUINE

- Chemical and biological properties of the subunits of pregnant mare serum gonadotropin. Papkoff H. *Biochem Biophys Res Commun* 58:397-404, 20 May 74
- A comparison of the properties of FSH from several species as determined by a rat testis tubule receptor assay. Reichert LE Jr, et al. *Gen Comp Endocrinol* 23:111-7, May 74
- The ovarian follicle of the sheep: inhibition of oestrogen secretion by luteinizing hormone. Moor RM. *J Endocrinol* 61:455-63, Jun 74

ADMINISTRATION & DOSAGE

- [Synchronization of estrus and fertilization of pigs] Prakhov R, et al. *Vet Med Nauki* 11:11-6, 1974 (Eng. Abstr.) (Bul)

BLOOD

- A comparison of three laboratory tests for pregnancy diagnosis in the mare. McCaughey WJ, et al. *Equine Vet J* 5:94-5, Apr 73

PHARMACODYNAMICS

- Plasma prolactin, LH, and corticosterone in rats exposed to a novel environment. Baldwin DM, et al. *Am J Physiol* 226:1366-9, Jun 74
- Effect of gonadotropins on the reduced excretion of a gonadotropin-inhibiting substance in the hypophysectomized rats. Ota M, et al. *Endocrinol Jap* 30:497-504, Oct 73
- A comparison of three laboratory tests for pregnancy diagnosis in the mare. McCaughey WJ, et al. *Equine Vet J* 5:94-5, Apr 73
- Failure of sex hormones and PMS to stimulate gonadal development in young *Rana nigromaculata*. Iwasawa H, et al. *Gen Comp Endocrinol* 22:526-8, Apr 74
- Modifications in ovarian and pituitary function in the hysterectomized pregnant hamster. Greenwald GS. *J Endocrinol* 61:45-51, Apr 74
- Proceedings: Potentiating effect of serotonin on pregnant mare serum gonadotrophin induced ovulation in the underweight immature rat. McDonald PG, et al. *J Endocrinol* 61:xxv, Apr 74
- Some characteristics of the zona pellucida antigen in the hamster. Garavagno A, et al. *J Exp Zool* 189:37-50, Jul 74
- Development of hamster eggs fertilized in vitro or in vivo. Whittingham DG, et al. *J Reprod Fertil* 38:489-92, Jun 74
- Reversal by progesterone of barbiturate blockade of ovulation: effect on concentration of serum LH. McCormack CE, et al. *Proc Soc Exp Biol Med* 146:329-32, Jun 74

PLACENTAL EXTRACTS

ADMINISTRATION & DOSAGE

- [Study of the action of certain hormonal and enzymatic preparations in early termination of pregnancy, caused by the administration of heterologous placental protein in experimental studies] Bullenko

SD, et al.

Akush Ginekol (Mosk) 49:8-11, Nov 73 (Eng. Abstr.) (Rus)

ANALYSIS

- Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the C3H-ST mouse. Sinha YN, et al. *N Engl J Med* 291:219-29, 11 Jun 74
- [Content of hyaluronic acid, hyaluronidase and antihyaluronidase in women with primary uterine inertia] Rozhchina Tia. *Akush Ginekol (Mosk)* 49:14-8, Nov 73 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

- Proceedings: The luteotrophic and lactogenic activities of prolactin, human chorionic somatomammotrophin and mouse placental extract on mice treated with an ergocornine derivative. Zumppe N, et al. *N Engl J Med* 291:1xx, 11 Jun 74
- [Study of the action of certain hormonal and enzymatic preparations in early termination of pregnancy, caused by the administration of heterologous placental protein in experimental studies] Bullenko SD, et al. *Akush Ginekol (Mosk)* 49:8-11, Nov 73 (Eng. Abstr.) (Rus)

PLACENTAL HORMONES

SECRETION

- [The role of the time factor in the synthesis of trophoblast choriongonadotropin (HCG) and its inhibition (in vitro experiments)] Lajos L, et al. *Orv Hetil* 115:1151-3, 19 May 74 (Hun)

PLACENTAL LACTOGEN

- Human pituitary growth hormone: solubility in ammonium sulfate solutions. Tarli P, et al. *Arch Biochem Biophys* 161:696-7, 2 Apr 74

ANALYSIS

- Perinatal morbidity and mortality committee. Case history and commentary. Lattanzi WE. *Conn Med* 38:251-2, May 74
- The synthesis of human placental lactogen by ribosomes derived from human placenta. Boime I, et al. *Proc Natl Acad Sci USA* 71:1322-5, Apr 74

BIOSYNTHESIS

- The synthesis of human placental lactogen by ribosomes derived from human placenta. Boime I, et al. *Proc Natl Acad Sci USA* 71:1322-5, Apr 74

BLOOD

- Pattern of the human chorionic somatomammotrophic (HCS) concentration ratio in maternal serum and amniotic fluid during normal pregnancy. Berle P. *Acta Endocrinol (Kbh)* 76:364-8, Jun 74
- Hormone and enzyme assays in pregnancy. II. The human chorionic somatomammotrophin, progesterone and placental cystine-aminopeptidase levels in normal pregnancy. Christensen A, et al. *Acta Endocrinol (Kbh)* 76:201-8, May 74
- Serum human placental lactogen hormone concentration in the second half of pregnancy determined by a simple immunoelectrophoretic technique. Gaede P, et al. *Acta Endocrinol (Kbh)* 76:369-76, Jun 74
- Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al. *Am J Obstet Gynecol* 118:337-43, 1 Feb 74 (43 ref.)
- The effect of intravenous oestrogen injections on plasma human placental lactogen levels. Niven PA, et al. *J Obstet Gynaecol Br Commonw* 81:466-8, Jun 74
- Effect of dexamethasone on serum levels of human placental lactogen during the last trimester of pregnancy. Ylikorkala O, et al. *J Obstet Gynaecol Br Commonw* 81:368-70, May 74
- The half-life of human placental lactogen in

PLACENTA

non-immune and immune rhesus monkeys. Beck JS, et al. *J Reprod Fertil* 38:451-7, Jun 74

Ectopic production of the isolated alpha subunit of the glycoprotein hormones. A quantitative marker in certain cases of cancer. Rosen SW, et al. *N Engl J Med* 290:1441-7, 27 Jun 74

Threatened abortion. Placental lactogen levels guide. Chard T. *Nurs Mirror* 138:50-1, 29 Mar 74

Immunoelectrophoretic quantitation of human placental lactogen hormone (HPL). Norgaard-Pedersen B, et al. *Scand J Immunol* 2:Suppl 1:129-31, 1973

[Hypertension in pregnancy (author's transl)] Zander J, et al. *Munch Med Wochenschr* 116:699-706, 5 Apr 74 (Eng. Abstr.) (Ger)

[Validity and limits of a single serum HPL determination in the 1st 3 months of pregnancy] Scaglione V, et al. *Ann Ostet Ginecol Med Perinat* 94:180-9, Mar 73 (Eng. Abstr.) (Ita)

[Characteristics of the course of the recovery period in animals experiencing clinical death and revived with the aid of artificial circulation] Soboleva VI, et al. *Ann Ostet Ginecol Med Perinat* 94:171-9, Mar 73 (Eng. Abstr.) (Ita)

[Biochemical and immunochemical properties of human placental lactogen: hPL, human chorionic somatomammotropin: hCS. 3. Immunological character and its clinical application] Morikawa H. *Folia Endocrinol Jap* 50:42-59, 20 Jan 74 (Eng. Abstr.) (Jap)

METABOLISM

Pattern of the human chorionic somatomammotrophic (HCS) concentration ratio in maternal serum and amniotic fluid during normal pregnancy. Berle P. *Acta Endocrinol (Kbh)* 76:364-8, Jun 74

The half-life of human placental lactogen in non-immune and immune rhesus monkeys. Beck JS, et al. *J Reprod Fertil* 38:451-7, Jun 74

[Problems of diabetes in pregnancy] Dawidowicz A. *Wiad Lek* 27:259-63, 1 Feb 74 (16 ref.) (Eng. Abstr.) (Pol)

PHARMACODYNAMICS

Effect of human placental lactogen on growth of carcinogen-induced mammary tumors in rats. Nagasawa H, et al. *Int J Cancer* 11:131-7, 15 Jan 73

The effect of human placental lactogen on adipose tissue lipolysis. Strange RC, et al. *J Endocrinol* 61:147-52, Apr 74

Proceedings: The luteotrophic and lactogenic activities of prolactin, human chorionic somatomammotropin and mouse placental extract on mice treated with an ergocornine derivative. Zumpe N, et al. *N Engl J Med* 291:1xx, 11 Jun 74

PHYSIOLOGY

Management of gestational diabetes. Bates GW. *Postgrad Med* 55:55-8, Jun 74

SECRETION

Ectopic hormone production by non-endocrine tumours. Rees LH, et al. *Clin Endocrinol (Oxf)* 3:263-99, Jul 74 (94 ref.)

SOMATOMAMMOTROPIN

Proceedings: The luteotrophic and lactogenic activities of prolactin, human chorionic somatomammotropin and mouse placental extract on mice treated with an ergocornine derivative. Zumpe N, et al. *N Engl J Med* 291:1xx, 11 Jun 74

Hormone and enzyme assays in pregnancy. II. The human chorionic somatomammotropin, progesterone and placental cystine-aminopeptidase levels in normal pregnancy. Christensen A, et al. *Acta Endocrinol (Kbh)* 76:201-8, May 74

[Biochemical and immunochemical properties of human placental lactogen: hPL, human chorionic somatomammotropin: hCS. 3. Immunological character and its clinical application] Morikawa H. *Folia Endocrinol Jap* 50:42-59, 20 Jan 74 (Eng. Abstr.) (Jap)

Pattern of the human chorionic somatomammotrophic (HCS) concentration ratio in maternal serum and amniotic fluid during normal pregnancy. Berle P. *Acta Endocrinol (Kbh)* 76:364-8 Jun 74

In vitro synthesis of an ACTH-like hormone and human chorionic somatomammotropin by placental and amniotic cells. Genazzoni AR, et al. *Experientia* 30:430-2 15 Apr 74

PARATHYROID AND BONE

1. Physical and Functional Aspects

PARATHYROID GLANDS

[Identification of the parathyroid glands by means of in vivo staining: preliminary experimental results with various clinical observations] Rosa JC, et al. *Rev Paul Med* 79:23-4, Feb 72 (Eng. Abstr.) (Por)

ABNORMALITIES

The primary immunodeficiency diseases: classification, pathogenesis and treatment. Gatti RA, et al. *Turk J Pediatr* 15:195-215, Oct 73 (93 ref.)

ANALYSIS

Radiolimmunoassay of rat parathyroid hormone in serum and tissue extracts. Hargis GK, et al. *Endocrinology* 94:1644-9, Jun 74

CYTOLOGY

Non-rebosomal incorporation of arginine into a specific protein by a cell-free extract of parathyroid tissue. Kemper B, et al. *Biochim Biophys Acta* 349:235-9, 17 May 74
Preliminary evidence for a microsomal precursor to human parathyroid hormone. Wong ET, et al. *Proc Natl Acad Sci USA* 70:2291-4, Aug 73

DRUG EFFECTS

Parathyroid hormone secretion in disorders of calcium metabolism studied by means of EDTA. Lockefeer JH, et al. *Acta Endocrinol (Kbh)* 75:286-96, Feb 74
The release of glycoconjugates by rat parathyroid glands in tissue culture. II. Studies on uptake and incorporation of isotopically labeled glucosamine and characterization of the secreted material. Licata AA, et al. *Biochim Biophys Acta* 343:17-33, 20 Mar 74
Release of immunoreactive parathyroid hormone from rat parathyroid gland in organ culture. Fujita T, et al. *Endocrinology* 95:30-7, Jul 74
Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. *Kidney Int* 4:161-7, Aug 73 (73 ref.)

IMMUNOLOGY

Immunochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al. *J Clin Invest* 53:1726-35, Jun 74

METABOLISM

Non-rebosomal incorporation of arginine into a specific protein by a cell-free extract of parathyroid tissue. Kemper B, et al. *Biochim Biophys Acta* 349:235-9, 17 May 74
The release of glycoconjugates by rat parathyroid glands in tissue culture. II. Studies on uptake and incorporation of isotopically labeled glucosamine and characterization of the secreted material. Licata AA, et al. *Biochim Biophys Acta* 343:17-33, 20 Mar 74
Nutritional factors and susceptibility to lead toxicity. Mahaffey KR. *Environ Health Perspect* 7:107-12, May 74
Clinicopathologic and ultrastructural studies of L-asparaginase-induced hypocalcemia in rabbits. An experimental animal model of acute

hypoparathyroidism. Young DM, et al. *Lab Invest* 29:374-86, Oct 73
Preliminary evidence for a microsomal precursor to human parathyroid hormone. Wong ET, et al. *Proc Natl Acad Sci USA* 70:2291-4, Aug 73

PATHOLOGY

Clinicopathologic and ultrastructural studies of L-asparaginase-induced hypocalcemia in rabbits. An experimental animal model of acute hypoparathyroidism. Young DM, et al. *Lab Invest* 29:374-86, Oct 73
What is amyloid? Anderson TJ, et al. *Scott Med J* 19:61-3, Mar 74
Familial hyperparathyroidism. Grevsten S, et al. *Ups J Med Sci* 79:109-15, 1974
Recent advances in the pathophysiology of the parathyroid glands. Moor P de, et al. *Verh K Vlaam Acad Geneesk Belg* 36:106-34, 1974
[Fine structure of the activated chief cell of the human parathyroid gland as visualized by freeze-fracture (author's transl)] Thiele J, et al. *Virchows Arch [Zellpathol]* 15:251-65, 3 May 74 (Eng. Abstr.) (Ger)
[Endocrine polyadenomatosis with acute hyperparathyroidism] Ventz M, et al. *Z Aerzt Fortbild (Jena)* 67:1238-42, 15 Dec 73 (Ger)
[Blastomogenic action of Ca45 depending on functional state of parathyroid gland] Dobroskok AI, et al. *Med Radiol (Mosk)* 18:17-22, Dec 73 (Eng. Abstr.) (Rus)
[Primary hyperparathyroidism and hepatic cirrhosis with portocaval anastomosis] Aznar Reig A, et al. *Rev Clin Esp* 132:459-66, 15 Mar 74 (Spa)

PHYSIOLOGY

Metabolic and clinical effects of pure crystalline 1 alpha-hydroxyvitamin D3 and 1 alpha,25-dihydroxyvitamin D3. Studies of intestinal calcium transport, renal tubular function and bone metabolism. Pechet MM, et al. *Am J Med* 57:13-20, Jul 74 (31 ref.)
Effects of parathyroid hormone on bone of thyroparathyroidectomized rats: an ultrastructural and enzymatic study. Weisbrode SE, et al. *Am J Pathol* 75:529-41, Jun 74
Renal actions of vitamin D in D-deficient rats. Costanzo LS, et al. *Am J Physiol* 226:1490-5, Jun 74
Effect of Solanum malocoxylon on the serum levels of calcium and phosphate in thyroparathyroidectomized and rachitic rats. Campos C, et al. *Calcif Tissue Res* 13:245-8, 23 Oct 73
Effect of salmon calcitonin on in vivo calcium absorption in rats. Cramer CF. *Calcif Tissue Res* 13:169-72, 23 Oct 73
Effect of calcitonin on P uptake in epiphyseal cartilages of P-deficient rats. Denis G, et al. *Can J Physiol Pharmacol* 52:355-7, Apr 74
The effects of parathyroid hormone on bone cell structure and function. McGuire JL, et al. *Clin Orthop* 100:392-405, May 74
Calcitonin inhibition of gastric secretion in rat. Orimo H, et al. *Endocrinol Jap* 20:439-45, Oct 73
Calcitonin and intestinal calcium absorption. Swaminathan R, et al. *J Endocrinol* 61:83-94, Apr 74
Intestinal absorption of calcium and the effect of renal insufficiency. Coburn JW, et al. *Kidney Int* 4:96-104, Aug 73 (93 ref.)

PARATHYROID AND BONE

The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF.

Kidney Int 4:80-8, Aug 73 (65 ref.)

On the mechanism of the phosphaturia of extracellular fluid volume expansion in the dog. Gradowska L, et al.

Kidney Int 3:230-7, Apr 73

Decreased phosphate reabsorption by volume expansion in the dog. Hebert CS, et al.

Kidney Int 2:247-52, Nov 72

Editorial: Site and control of phosphate reabsorption by the kidney. Knox FG, et al.

Kidney Int 3:347-53, Jun 73

Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. Welsbrode SE, et al. Lab Invest 30:786-94, Jun 74

Early effects of parathyroidectomy on renal retention and serum concentration of calcium in the hamster. Gallimore LB, et al. N Engl J Med 291:303-4, 11 Jun 74

Proceedings: Adaptation to a low calcium diet in parathyroidectomized pigs. Swaminathan R, et al. N Engl J Med 291:78-9, 11 Jun 74

Regulation of 25-hydroxycholecalciferol metabolism by inorganic phosphate.

Nutr Rev 31:188-90, Jun 73 (15 ref.)

Endocrine profiles in the clinical laboratory. Bacchus H. Prog Clin Pathol 4:1-110, 1972 (217 ref.)

[Effect of parathyroid extract on phosphorus-calcium regulation in the young rat with phosphate deficiency] Denis G, et al.

Union Med Can 102:1286-9, Jun 73 (Eng. Abstr.) (Fre)

[Influencing of endochondral ossification by thyro-parathyroidectomy and concurrent vitamin D deficiency] Riede UN, et al.

Arch Orthop Unfallchir 78:127-35, 30 Apr 74 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Parathyroid function in human vitamin D deficiency and vitamin D deficiency in primary hyperparathyroidism. Lumb GA, et al.

Am J Med 56:833-9, Jun 74

Parathyroid function in patients with hyper- or hypothyroidism. Bouillon R, et al.

J Clin Endocrinol Metab 38:999-1004, Jun 74

Relationship between magnesium and secondary hyperparathyroidism during long-term hemodialysis.

Pietka P, et al. Metabolism 23:619-30, Jul 74

Hypercalcemia associated with chronic renal failure: a unifying hypothesis. David DS.

Perspect Biol Med 17:361-70, Spring 74 (71 ref.)

Recent advances in the pathophysiology of the parathyroid glands. Moor P de, et al.

Verh K Vlaam Acad Geneeskde Belg 36:106-34, 1974

[Blastomogenic action of Ca45 depending on functional state of parathyroid gland] Dobroskok AI, et al.

Med Radiol (Mosk) 18:17-22, Dec 73 (Eng. Abstr.) (Rus)

SECRETION

Release of immunoreactive parathyroid hormone from rat parathyroid gland in organ culture. Fujita T, et al.

Endocrinology 95:30-7, Jul 74

Hyperparathyroidism and renal failure. Arnaud CD.

Kidney Int 4:89-95, Aug 73 (56 ref.)

[Fine structure of the activated chief cell of the human parathyroid gland as visualized by freeze-fracture (author's transl)] Thiele J, et al.

Virchows Arch [Zellpathol] 15:251-65, 3 May 74 (Eng. Abstr.) (Ger)

[Oral manifestations of hypoparathyroidism] Raczew Z.

Czas Stomatol 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)

SURGERY

Bone mineral content in patients with primary hyperparathyroidism without radiological evidence of skeletal changes. Dalén N, et al.

Acta Endocrinol (Kbh) 75:297-304, Feb 74

Parathyroid hormone secretion in disorders of calcium metabolism studied by means of EDTA. Lockefeer JH, et al. Acta Endocrinol (Kbh) 75:286-96, Feb 74

Treatment of primary hyperparathyroidism. Purnell DC, et al. Am J Med 56:800-9, Jun 74

Experience with elective surgery in renal allograft recipients. Hirsche BL, et al.

Am J Surg 127:730-2, Jun 74

Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al.

Kidney Int 4:161-7, Aug 73 (73 ref.)

Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. Kidney Int 4:73-9, Aug 73 (53 ref.)

Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. Welsbrode SE, et al. Lab Invest 30:786-94, Jun 74

Improved diagnosis of hyperparathyroidism: use of serum-ionized calcium and tubular reabsorption of calcium. Lufkin EG, et al.

South Med J 67:688-90, Jun 74

Altered action of parathyroid hormone by chlorpropamide. Numann PJ, et al.

Surgery 75:869-73, Jun 74

Serum calcium, serum gastrin, and gastric acid secretion before and after parathyroidectomy for hyperparathyroidism. Strempel JF, et al.

Surgery 75:841-52, Jun 74

Recent advances in the pathophysiology of the parathyroid glands. Moor P de, et al.

Verh K Vlaam Acad Geneeskde Belg 36:106-34, 1974

[Osteodystrophy and calcinosis in chronic renal failure treated by repeated hemodialysis] Bagon J, et al.

J Radiol Electrol Med Nucl 55:35-9, Jan 74 (Eng. Abstr.) (Fre)

[Fine structure of the activated chief cell of the human parathyroid gland as visualized by freeze-fracture (author's transl)] Thiele J, et al.

Virchows Arch [Zellpathol] 15:251-65, 3 May 74 (Eng. Abstr.) (Ger)

[Study of a case of primary hyperparathyroidism, subjected to parathyroidectomy] Poll E, et al.

Minerva Med 65:1665-70, 21 Apr 74 (Ita)

[Oral manifestations of hypoparathyroidism] Raczew Z.

Czas Stomatol 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)

PARATHYROID AND BONE

II. Disorders of the Parathyroid Glands

HYPERPARATHYROIDISM

BLOOD

- Parathyroid hormone secretion in disorders of calcium metabolism studied by means of EDTA. Lockfeer JH, et al. *Acta Endocrinol (Kbh)* 75:286-96, Feb 74
- Clinical findings in patients with hypercalcaemia. A final investigation based on biochemical screening. Stenström G, et al. *Acta Med Scand* 195:473-7, Jun 74
- The possible role of platelets as trigger in intravascular coagulation associated with acute hyperparathyroidism. Hilgard P, et al. *Acta Univ Carol [Med Monogr] (Praha)* 53:427-32, 1972
- Influence of immunoheterogeneity of circulating parathyroid hormone on results of radioimmunoassays of serum in man. Arnaud CD, et al. *Am J Med* 56:785-93, Jun 74
- Selective arteriography, venography and venous hormone assay in diagnosis and localization of parathyroid lesions. Eisenberg H, et al. *Am J Med* 56:810-20, Jun 74
- Parathyroid function in human vitamin D deficiency and vitamin D deficiency in primary hyperparathyroidism. Lumb GA, et al. *Am J Med* 56:833-9, Jun 74
- Treatment of primary hyperparathyroidism. Purnell DC, et al. *Am J Med* 56:800-9, Jun 74
- Spectrum of hyperparathyroidism. Reiss E, et al. *Am J Med* 56:794-9, Jun 74
- Ectopic hyperparathyroidism. Foley TJ. *Am J Surg* 128:108-10, Jul 74
- Ionized calcium in normal human serum: determination with specific electrode and by tetramethylmurexide. Leme CE, et al. *Biomedicine [Express]* 19:431-4, 10 Oct 73
- Immunoreactive forms of circulating parathyroid hormone in primary and ectopic hyperparathyroidism. Benson RC Jr, et al. *J Clin Invest* 54:175-81, Jul 74
- [Antrum hormone gastrin. II. Practical importance in determination of gastrin in various diseases] Säuberli H, et al. *Schweiz Med Wochenschr* 104:745-51, 25 May 74 (Eng. Abstr.) (Ger)
- [Study of a case of primary hyperparathyroidism, subjected to parathyroidectomy] Poll E, et al. *Minerva Med* 65:1665-70, 21 Apr 74 (Ita)
- [Biochemical diagnosis in hypercalcaemia] Jorgensen H. *Tidsskr Nor Laegeforen* 94:1126-31, 20 Jun 74 (Nor)

CHEMICALLY INDUCED

- Changes in response to calcitonin following prolonged administration to intact rats. Messer HH, et al. *Proc Soc Exp Biol Med* 146:643-7, Jun 74

CLASSIFICATION

- Spectrum of hyperparathyroidism. Reiss E, et al. *Am J Med* 56:794-9, Jun 74
- [Bone and cartilage diseases] Chlud K, et al. *Verh Dtsch Ges Rheumatol* 3:186-7, 1974 (Ger)

COMPLICATIONS

- Clinical findings in patients with hypercalcaemia. A final investigation based on biochemical screening. Stenström G, et al. *Acta Med Scand* 195:473-7, Jun 74
- The possible role of platelets as trigger in intravascular coagulation associated with acute hyperparathyroidism. Hilgard P, et al. *Acta Univ Carol [Med Monogr] (Praha)* 53:427-32, 1972
- Radioimmunoassay of parathyroid hormone in hypercalcaemic patients with malignant disease. Benson RC Jr, et al. *Am J Med* 56:821-6, Jun 74
- Effectiveness of parathyroid hormone, calcitonin and

- phosphate on bone cells in Paget's disease. Bordier P, et al. *Am J Med* 56:850-7, Jun 74
- Spectrum of hyperparathyroidism. Reiss E, et al. *Am J Med* 56:794-9, Jun 74
- Hyperparathyroidism in an elderly adult with hypophosphatasia. Faas FH, et al. *Clin Orthop* 101:216-9, Jun 74
- The effects of parathyroid hormone on bone cell structure and function. McGuire JL, et al. *Clin Orthop* 100:392-405, May 74
- Calcinosis circumscripta in a dog. Legendre AM, et al. *J Am Vet Med Assoc* 164:1192-4, 15 Jun 74
- Observations on the aetiology of multiple and recurrent urinary calculi with special reference to calcium and phosphorus metabolism. Rizvi SN, et al. *J Assoc Physicians India* 21:195-201, Feb 73
- Symposium on acid-base homeostasis. Renal acidosis. Morris RC Jr, et al. *Kidney Int* 1:322-40, May 72 (116 ref.)
- Bone disease in patients dialyzed with untreated water. Rashid A, et al. *Med Instrum* 8:204-6, May-Jun 74
- [Morphology, clinical features, diagnosis, and treatment of Zollinger-Ellison syndrome (author's transl)] Arnold R, et al. *Dtsch Med Wochenschr* 99:607-16, 29 Mar 74 (Eng. Abstr.) (Ger)
- [Hypercalcaemia--nephrocalcinosis-- and calcium calculi of the kidney. Differential diagnosis and clinical aspects of pathological renal calcium transport] Heidebreder E, et al. *Dtsch Med Wochenschr* 99:586-590, 22 Mar 74 (29 ref.) (Ger)
- [Letter: Treatment of hypercalcaemic hyperparathyroidism] Hesch RD. *Med Klin* 69:714-5, 19 Apr 74 (Ger)
- [Value of hemodialysis therapy of hypercalcaemic crisis in primary hyperparathyroidism] Loew H, et al. *Verh Dtsch Ges Inn Med* 79:741-3, 1973 (Ger)
- [Problems of soft calcifications from the viewpoint of internal medicine] Kruse HP. *Verh Dtsch Ges Rheumatol* 3:169-70, 1974 (Eng. Abstr.) (Ger)
- [Bone changes in chronic inflammatory rheumatic diseases (arthritis, spondylitis) from the clinico-radiologic point of view] Schilling F. *Verh Dtsch Ges Rheumatol* 3:142-57, 1974 (Ger)
- [Manifestations in metabolic bone diseases] Steiger U. *Verh Dtsch Ges Rheumatol* 3:135-41, 1974 (Ger)
- [Endocrine polyadenomatosis with acute hyperparathyroidism] Ventz M, et al. *Z Aerzt Fortbild (Jena)* 67:1238-42, 15 Dec 73 (Ger)
- [Primary hyperparathyroidism and hepatic cirrhosis with portocaval anastomosis] Aznar Reig A, et al. *Rev Clin Esp* 132:459-66, 15 Mar 74 (Spa)

DIAGNOSIS

- Clinical findings in patients with hypercalcaemia. A final investigation based on biochemical screening. Stenström G, et al. *Acta Med Scand* 195:473-7, Jun 74
- Radioimmunoassay of parathyroid hormone in hypercalcaemic patients with malignant disease. Benson RC Jr, et al. *Am J Med* 56:821-6, Jun 74
- Selective arteriography, venography and venous hormone assay in diagnosis and localization of parathyroid lesions. Eisenberg H, et al. *Am J Med* 56:810-20, Jun 74
- Improved diagnosis of hyperparathyroidism: use of serum-ionized calcium and tubular reabsorption of calcium. Lufkin EG, et al. *South Med J* 67:688-90, Jun 74
- [Citric acid and hyperparathyroidism. Preliminary report] Uhlf K, et al. *Bratisl Lek Listy* 61:436-41, 1974 (Eng. Abstr.) (Cze)
- [Primary hyperparathyroidism with mediastinal adenomas (author's transl)] Kümmerle F, et al. *Dtsch Med Wochenschr* 99:983-8, 10 May 74 (Eng. Abstr.) (Ger)
- [Current aspects of clinical osteology from the

PARATHYROID AND BONE

viewpoint of medicine] Kuhlencordt F.
Verh Dtsch Ges Rheumatol 3:98-105, 1974 (Ger)
[Study of a case of primary hyperparathyroidism,
subjected to parathyroidectomy] Poli E, et al.
Minerva Med 65:1665-70, 21 Apr 74 (Ita)

DRUG THERAPY

Effectiveness of parathyroid hormone, calcitonin and
phosphate on bone cells in Paget's disease. Bordier P,
et al. Am J Med 56:850-7, Jun 74
Treatment of primary hyperparathyroidism. Purnell
DC, et al. Am J Med 56:800-9, Jun 74
Hormonal control of skeletal and mineral homeostasis.
Rasmussen H, et al. Am J Med 56:751-8, Jun 74 (30 ref.)

ENZYMOLGY

Improved diagnosis of hyperparathyroidism: use of
serum-ionized calcium and tubular reabsorption of
calcium. Lufkin EG, et al.
South Med J 67:888-90, Jun 74

ETIOLOGY

Parathyroid function in human vitamin D deficiency
and vitamin D deficiency in primary
hyperparathyroidism. Lumb GA, et al.
Am J Med 56:833-9, Jun 74
Spectrum of hyperparathyroidism. Reiss E, et al.
Am J Med 56:794-9, Jun 74
Ectopic hyperparathyroidism. Foley TJ.
Am J Surg 128:108-10, Jul 74
Letter: Pheochromocytoma and hyperparathyroidism.
Bouillon R, et al. Ann Intern Med 81:131, Jul 74
Parathyroid cyst. Kirwan WO.
Br J Surg 61:365-7, May 74
Immunoreactive forms of circulating parathyroid
hormone in primary and ectopic
hyperparathyroidism. Benson RC Jr, et al.
J Clin Invest 54:175-81, Jul 74
Primary hyperparathyroidism in childhood presenting
as renal stones. Forsman PJ, et al.
Nebr Med J 57:87-93, Mar 72
Calcium and phosphate metabolism and the bone.
Morgan DB. Prog Surg 10:24-75, 1972 (111 ref.)
Serum calcium, serum gastrin, and gastric acid
secretion before and after parathyroidectomy for
hyperparathyroidism. Strempel JF, et al.
Surgery 75:841-52, Jun 74
[Cancer of the parathyroid glands. General review of
108 cases] Murie N, et al.
Cah Med 14:1025-35, 30 Nov 73 (Fre)
[Chronic calcific pancreatitis, alcohol and the
pancreas] Sarles H, et al.
Nouv Presse Med 3:817-20, 30 Mar 74 (Fre)
[Primary hyperparathyroidism with mediastinal
adenomas (author's transl)] Kümmerle F, et al.
Dtsch Med Wochenschr 99:983-8, 10 May 74 (Eng.
Abstr.) (Ger)
[Study of a case of primary hyperparathyroidism,
subjected to parathyroidectomy] Poli E, et al.
Minerva Med 65:1665-70, 21 Apr 74 (Ita)

FAMILIAL & GENETIC

Familial hyperparathyroidism. Grevsten S, et al.
Ups J Med Sci 79:109-15, 1974

IMMUNOLOGY

Immunoreactive forms of circulating parathyroid
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hyperparathyroidism. Benson RC Jr, et al.
J Clin Invest 54:175-81, Jul 74
Immunochemical localization of parathyroid hormone
in cancer tissue from patients with ectopic
hyperparathyroidism. Palmieri GM, et al.
J Clin Invest 53:1726-35, Jun 74

METABOLISM

Bone mineral content in patients with primary
hyperparathyroidism without radiological evidence of
skeletal changes. Dalén N, et al.
Acta Endocrinol (Kbh) 75:297-304, Feb 74
Metabolic and glucose load studies in uric acid, oxalic
and hyperparathyroid stone formers. Schwille PO, et
al. Adv Exp Med Biol 41:485-94, 1974
Third F. Raymond Keating, JR., Memorial

Symposium--parathyroid hormone, calcitonin and
vitamin D: clinical considerations. I. Introduction.
Arnaud CD. Am J Med 56:743-50, Jun 74
Hormonal control of skeletal and mineral homeostasis.
Rasmussen H, et al. Am J Med 56:751-8, Jun 74 (30 ref.)
A rapid method for measurement of fractional
intestinal absorption of calcium. Chanard J, et al.
J Nucl Med 15:588-92, Jul 74
Recent advances in the pathophysiology of the
parathyroid glands. Moor P de, et al.
Verh K Vlaam Acad Geneesk Belg 36:106-34, 1974
Metabolism and action of the hormone vitamin D. Its
relation to diseases of calcium homeostasis. Coburn
JW, et al. West J Med 121:22-44, Jul 74 (212 ref.)
[Citric acid and hyperparathyroidism. Preliminary
report] Uhlir K, et al.
Bratis Lek Listy 61:436-41, 1974 (Eng. Abstr.) (Cze)
[Some endocrinological variations of calcium and
phosphorus metabolism] Moor P de, et al.
Acta Clin Belg 28:312-22, 1973 (Eng. Abstr.) (Dut)
[Current aspects of clinical osteology from the
viewpoint of medicine] Kuhlencordt F.
Verh Dtsch Ges Rheumatol 3:98-105, 1974 (Ger)
[Nuclear medicine aspects of clinical osteology]
Schneider C.
Verh Dtsch Ges Rheumatol 3:112-7, 1974 (Ger)

PATHOLOGY

Cytologic presentation of thyroid tumors in aspiration
biopsy smear. A review of 60 cases. Löwhagen T, et al.
Acta Cytol (Baltimore) 18:192-7, May-Jun 74
Influence of immunoheterogeneity of circulating
parathyroid hormone on results of
radioimmunoassays of serum in man. Arnaud CD, et al.
Am J Med 56:785-93, Jun 74
Ectopic hyperparathyroidism. Foley TJ.
Am J Surg 128:108-10, Jul 74
Immunochemical localization of parathyroid hormone
in cancer tissue from patients with ectopic
hyperparathyroidism. Palmieri GM, et al.
J Clin Invest 53:1726-35, Jun 74
Familial hyperparathyroidism. Grevsten S, et al.
Ups J Med Sci 79:109-15, 1974
[Fine structure of the activated chief cell of the human
parathyroid gland as visualized by freeze-fracture
(author's transl)] Thiele J, et al.
Virchows Arch [Zellpathol] 15:251-65, 3 May 74 (Eng.
Abstr.) (Ger)
[Endocrine polyadenomatosis with acute
hyperparathyroidism] Ventz M, et al.
Z Aerzt Fortbild (Jena) 67:1238-42, 15 Dec 73 (Ger)
[Study of a case of primary hyperparathyroidism,
subjected to parathyroidectomy] Poli E, et al.
Minerva Med 65:1665-70, 21 Apr 74 (Ita)
[Primary hyperparathyroidism and hepatic cirrhosis
with portocaval anastomosis] Aznar Reig A, et al.
Rev Clin Esp 132:459-66, 15 Mar 74 (Spa)

RADIOGRAPHY

Bone mineral content in patients with primary
hyperparathyroidism without radiological evidence of
skeletal changes. Dalén N, et al.
Acta Endocrinol (Kbh) 75:297-304, Feb 74
Selective arteriography, venography and venous
hormone assay in diagnosis and localization of
parathyroid lesions. Eisenberg H, et al.
Am J Med 56:810-20, Jun 74
Ectopic hyperparathyroidism. Foley TJ.
Am J Surg 128:108-10, Jul 74
Neonatal hyperparathyroidism. Nguyen VC, et al.
Radiology 112:175-6, Jul 74
[Radiographic findings on the hand skeleton]
Wildmeister W, et al.
Radiologie 14:127-37, Mar 74 (80 ref.) (Ger)
[Current aspects of clinical osteology from radiological
point of view] Wiens H.
Verh Dtsch Ges Rheumatol 3:105-12, 1974 (Ger)

SURGERY

Bone mineral content in patients with primary
hyperparathyroidism without radiological evidence of
skeletal changes. Dalén N, et al.
Acta Endocrinol (Kbh) 75:297-304, Feb 74
Parathyroid hormone secretion in disorders of calcium
metabolism studied by means of EDTA. Lockefeer JH,
et al. Acta Endocrinol (Kbh) 75:286-96, Feb 74

PARATHYROID AND BONE

- Treatment of primary hyperparathyroidism. Purnell DC, et al. *Am J Med* 56:800-9, Jun 74
- Hyperparathyroidism in an elderly adult with hypophosphatasia. Faas FH, et al. *Clin Orthop* 101:216-9, Jun 74
- Serum calcium, serum gastrin, and gastric acid secretion before and after parathyroidectomy for hyperparathyroidism. Strempel JF, et al. *Surgery* 75:841-52, Jun 74
- Recent advances in the pathophysiology of the parathyroid glands. Moor P de, et al. *Verh K Vlaam Acad Geneesk Belg* 36:106-34, 1974
- [Primary hyperparathyroidism with mediastinal adenomas (author's transl)] Kümmerle F, et al. *Dtsch Med Wochenschr* 99:983-8, 10 May 74 (Eng. Abstr.) (Ger)
- [Study of a case of primary hyperparathyroidism, subjected to parathyroidectomy] Poli E, et al. *Minerva Med* 65:1665-70, 21 Apr 74 (Ita)

THERAPY

- Treatment of primary hyperparathyroidism. Purnell DC, et al. *Am J Med* 56:800-9, Jun 74
- [Hyperparathyroidism] Fujita T. *Clin Endocrinol (Tokyo)* 22:34-5, Jan 74 (Jap)

URINE

- [Determination of renal cyclic adenosine 3',5'-monophosphate excretion for diagnosis of primary hyperparathyroidism] Schmidt-Gayk H, et al. *Verh Dtsch Ges Inn Med* 79:1261-3, 1973 (Ger)

VETERINARY

- Calcinosis circumscripta in a dog. Legendre AM, et al. *J Am Vet Med Assoc* 164:1192-4, 15 Jun 74

HYPERPARATHYROIDISM, SECONDARY

BLOOD

- Prevention and reversal of progressive secondary hyperparathyroidism in patients maintained by hemodialysis. Johnson WJ, et al. *Am J Med* 56:827-32, Jun 74
- Human calcitonin radioimmunoassay in normal and pathological conditions. Heynen G, et al. *Eur J Clin Invest* 4:213-22, Jun 74

COMPLICATIONS

- [Macroscopic cardiac calcifications and other calcium metastases in a patient on chronic hemodialysis] Fendler JP, et al. *Ann Med Interne (Paris)* 124:799-806, Nov 73 (Fre)

ETIOLOGY

- Prevention and reversal of progressive secondary hyperparathyroidism in patients maintained by hemodialysis. Johnson WJ, et al. *Am J Med* 56:827-32, Jun 74
- Hyperparathyroidism and renal failure. Arnaud CD. *Kidney Int* 4:89-95, Aug 73 (56 ref.)
- The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF. *Kidney Int* 4:80-8, Aug 73 (65 ref.)
- Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. *Kidney Int* 4:73-9, Aug 73 (53 ref.)
- Divalent ions in renal failure. Introduction. Massry SG. *Kidney Int* 4:71-2, Aug 73
- Relationship between magnesium and secondary hyperparathyroidism during long-term hemodialysis. Pletka P, et al. *Metabolism* 23:619-30, Jul 74
- Metabolic bone disease in patients on maintenance hemodialysis. Ritz E, et al. *Nephron* 12:393-404, 1974
- [Monstrous tumorous changes of the facial bones in secondary hyperparathyroidism (author's transl)] Pfeifle J, et al. *Dtsch Med Wochenschr* 99:389-91, 1 Mar 74 (Eng. Abstr.) (Ger)

METABOLISM

- A calcium kinetic approach to the problem of renal

- osteodystrophy. Gonick HC, et al. *Clin Orthop* 100:315-36, May 74
- Collagen metabolism, uremia and bone. Avioli LV. *Kidney Int* 4:105-15, Aug 73 (102 ref.)
- Relationship between magnesium and secondary hyperparathyroidism during long-term hemodialysis. Pletka P, et al. *Metabolism* 23:619-30, Jul 74
- [Hydrogen ion excretion by the kidneys--physiological and clinical aspects (author's transl)] Kokot F, et al. *Przegl Lek* 31:376-81, 1974 (48 ref.) (Pol)

PATHOLOGY

- Metabolic bone disease in patients on maintenance hemodialysis. Ritz E, et al. *Nephron* 12:393-404, 1974
- [Monstrous tumorous changes of the facial bones in secondary hyperparathyroidism (author's transl)] Pfeifle J, et al. *Dtsch Med Wochenschr* 99:389-91, 1 Mar 74 (Eng. Abstr.) (Ger)
- [Osteopathy in long-term hemodialysis (morphometric, physical-chemical and electron microscopic studies)] Delling G, et al. *Verh Dtsch Ges Rheumatol* 3:176-7, 1974 (Ger)

PREVENTION & CONTROL

- Prevention and reversal of progressive secondary hyperparathyroidism in patients maintained by hemodialysis. Johnson WJ, et al. *Am J Med* 56:827-32, Jun 74
- Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. *Kidney Int* 4:73-9, Aug 73 (53 ref.)

RADIOGRAPHY

- [Radiographic findings on the hand skeleton] Wildmelster W, et al. *Radiologe* 14:127-37, Mar 74 (80 ref.) (Ger)

THERAPY

- [Hyperparathyroidism] Fujita T. *Clin Endocrinol (Tokyo)* 22:34-5, Jan 74 (Jap)

HYPOPARATHYROIDISM

- [Case of spontaneous hypoparathyroidism] Sugimoto T, et al. *Clin Endocrinol (Tokyo)* 22:409-12, Mar 74 (Jap)

BLOOD

- The therapeutic approach to hypoparathyroidism. Avioli LV. *Am J Med* 57:34-42, Jul 74 (103 ref.)
- Ionized calcium in normal human serum: determination with specific electrode and by tetramethylurexide. Leme CE, et al. *Biomedicine [Express]* 19:431-4, 10 Oct 73
- 1,25-dihydroxycholecalciferol and 1 α -hydroxycholecalciferol in hypoparathyroidism. Russell RG, et al. *Lancet* 2:14-7, 6 Jul 74

CHEMICALLY INDUCED

- Clinicopathologic and ultrastructural studies of L-asparaginase-induced hypocalcemia in rabbits. An experimental animal model of acute hypoparathyroidism. Young DM, et al. *Lab Invest* 29:374-86, Oct 73

COMPLICATIONS

- [Case of spontaneous hypoparathyroidism] Sugimoto T, et al. *Clin Endocrinol (Tokyo)* 22:409-12, Mar 74 (Jap)
- [Idiopathic Addison's disease] Demura H. *Jap J Clin Med* 31:3468-73, Dec 73 (34 ref.) (Jap)
- [Oral manifestations of hypoparathyroidism] Raczew Z. *Czas Stomatol* 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)

DIAGNOSIS

- [Case of rheumatic hypoparathyroidism] Nikolafchuk LV. *Vrach Delo* 4:100-1, 1974 (Rus)

PARATHYROID AND BONE

DRUG THERAPY

- The therapeutic approach to hypoparathyroidism. Avioli LV. *Am J Med* 57:34-42, Jul 74 (103 ref.)
- Circulating 25-hydroxyvitamin D in man. Haddad JG, et al. *Am J Med* 57:57-62, Jul 74
- 1,25-dihydroxycholecalciferol and 1alpha-hydroxycholecalciferol in hypoparathyroidism. Russell RG, et al. *Lancet* 2:14-7, 6 Jul 74
- [Hypoparathyroidism (in adults) Morii H. *Clin Endocrinol (Tokyo)* 22:36-7, Jan 74 (Jap)
- [Case of rheumatic hypoparathyroidism] Nikolaichuk LV. *Vrach Delo* 4:100-1, 1974 (Rus)

ETIOLOGY

- Calcium and phosphate metabolism and the bone. Morgan DB. *Prog Surg* 10:24-75, 1972 (111 ref.)

IMMUNOLOGY

- [Immunoendocrinology] Niederer W. *Schweiz Med Wochenschr* 104:841-7, 15 Jun 74 (87 ref.) (Eng. Abstr.) (Ger)

METABOLISM

- Metabolism and action of the hormone vitamin D. Its relation to diseases of calcium homeostasis. Coburn JW, et al. *West J Med* 121:22-44, Jul 74 (212 ref.)
- [Some endocrinological variations of calcium and phosphorus metabolism] Moor P de, et al. *Acta Clin Belg* 28:312-22, 1973 (Eng. Abstr.) (Dut)

URINE

- 1,25-dihydroxycholecalciferol and 1alpha-hydroxycholecalciferol in hypoparathyroidism. Russell RG, et al. *Lancet* 2:14-7, 6 Jul 74

PARATHYROID DISEASES

COMPLICATIONS

- Parathyroid cyst. Kirwan WO. *Br J Surg* 61:365-7, May 74

DIAGNOSIS

- Parathyroid cyst. Kirwan WO. *Br J Surg* 61:365-7, May 74
- Endocrine profiles in the clinical laboratory. Bacchus H. *Prog Clin Pathol* 4:1-110, 1972 (217 ref.)

ETIOLOGY

- 1,25-dihydroxyvitamin D3: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. *Am J Med* 57:21-7, Jul 74 (43 ref.)
- Parathyroid cyst. Kirwan WO. *Br J Surg* 61:365-7, May 74

PHYSIOPATHOLOGY

- Parathyroid cyst. Kirwan WO. *Br J Surg* 61:365-7, May 74

PARATHYROID GLANDS

ABNORMALITIES

- The primary immunodeficiency diseases: classification, pathogenesis and treatment. Gatti RA, et al. *Turk J Pediatr* 15:195-215, Oct 73 (93 ref.)

PARATHYROID NEOPLASMS

BLOOD

- Selective arteriography, venography and venous hormone assay in diagnosis and localization of parathyroid lesions. Eisenberg H, et al. *Am J Med* 56:810-20, Jun 74
- [Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al. *Union Med Can* 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)

COMPLICATIONS

- Effectiveness of parathyroid hormone, calcitonin and phosphate on bone cells in Paget's disease. Bordier P, et al. *Am J Med* 56:850-7, Jun 74
- Spectrum of hyperparathyroidism. Reiss E, et al. *Am J Med* 56:794-9, Jun 74
- Letter: Hypercalcemia and neuromuscular disease. *Ann Intern Med* 81:128-9, Jul 74
- Mediastinal hemorrhage from parathyroid adenoma simulating dissecting aneurysm. Berry BE, et al. *Arch Surg* 108:740-1, May 74
- Immunochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al. *J Clin Invest* 53:1726-35, Jun 74
- Primary hyperparathyroidism in childhood presenting as renal stones. Forsman PJ, et al. *Nebr Med J* 57:87-93, Mar 72
- Spontaneous rupture of the ureter. Reece RW, et al. *South Med J* 67:739-41, Jun 74
- [Cancer of the parathyroid glands. General review of 108 cases] Murie N, et al. *Cah Med* 14:1025-35, 30 Nov 73 (Fre)
- [Value of hemodialysis therapy of hypercalcemic crisis in primary hyperparathyroidism] Loew H, et al. *Verh Dtsch Ges Inn Med* 79:741-3, 1973 (Ger)
- [Study of a case of primary hyperparathyroidism, subjected to parathyroidectomy] Poll E, et al. *Minerva Med* 65:1665-70, 21 Apr 74 (Ita)

DIAGNOSIS

- Ten thousand consecutive frozen sections. A retrospective study focusing on accuracy and quality control. Holaday WJ, et al. *Am J Clin Pathol* 61:769-77, Jun 74
- Selective arteriography, venography and venous hormone assay in diagnosis and localization of parathyroid lesions. Eisenberg H, et al. *Am J Med* 56:810-20, Jun 74
- [Cancer of the parathyroid glands. General review of 108 cases] Murie N, et al. *Cah Med* 14:1025-35, 30 Nov 73 (Fre)
- [Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al. *Union Med Can* 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)

ENZYMOLGY

- Immunochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al. *J Clin Invest* 53:1726-35, Jun 74
- [Medullary carcinoma of the thyroid. Description of a case and critical review of Sipple's syndrome and of neuroectodermal tumoral associations] Andreoli M, et al. *Folia Endocrinol (Roma)* 27:127-57, Apr 74 (Eng. Abstr.) (Ita)

ETIOLOGY

- [Monstrous tumorous changes of the facial bones in secondary hyperparathyroidism (author's transl)] Pfeifle J, et al. *Dtsch Med Wochenschr* 99:389-91, 1 Mar 74 (Eng. Abstr.) (Ger)

FAMILIAL & GENETIC

- [Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al. *Union Med Can* 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)
- [Medullary carcinoma of the thyroid. Description of a case and critical review of Sipple's syndrome and of neuroectodermal tumoral associations] Andreoli M, et al. *Folia Endocrinol (Roma)* 27:127-57, Apr 74 (Eng. Abstr.) (Ita)

IMMUNOLOGY

- Maintenance of human tumours and tissues in immunosuppressed mice. Castro JE, et al. *Br J Surg* 61:421-6, Jun 74

PARATHYROID AND BONE

Immunochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al.
J Clin Invest 53:1726-35, Jun 74

PATHOLOGY

Aspiration biopsy cytology. I. Cytology of supradiaphragmatic organs. 3 Thyroid. Lowhagen T. *Monogr Clin Cytol* 4:87-89, 1974 (8 ref.)
1. Introduction to aspiration biopsy. Zajicek J. *Monogr Clin Cytol* 4:1-211, 1974 (177 ref.)
[Medullary carcinoma of the thyroid. Description of a case and critical review of Sipple's syndrome and of neuroectodermal tumoral associations] Andreoli M, et al.
Folia Endocrinol (Roma) 27:127-57, Apr 74 (Eng. Abstr.) (Ita)

RADIOGRAPHY

Selective arteriography, venography and venous hormone assay in diagnosis and localization of parathyroid lesions. Eisenberg H, et al.
Am J Med 56:810-20, Jun 74

SURGERY

Effectiveness of parathyroid hormone, calcitonin and phosphate on bone cells in Paget's disease. Bordier P, et al. *Am J Med* 56:850-7, Jun 74
Treatment of primary hyperparathyroidism. Purnell DC, et al. *Am J Med* 56:800-9, Jun 74
Hepatocellular dysfunction without jaundice after enflurane anesthesia. Denlinger JK, et al. *Anesthesiology* 41:86-7, Jul 74
Letter: Hypercalcemia and neuromuscular disease. *Ann Intern Med* 81:128-9, Jul 74
Mediastinal hemorrhage from parathyroid adenoma simulating dissecting aneurysm. Berry BE, et al. *Arch Surg* 108:740-1, May 74
Hyperparathyroidism in an elderly adult with hypophosphatasia. Faas FH, et al. *Clin Orthop* 101:216-9, Jun 74
Primary hyperparathyroidism in childhood presenting as renal stones. Forsman PJ, et al. *Nebr Med J* 57:87-93, Mar 72
[Cancer of the parathyroid glands. General review of 108 cases] Murie N, et al. *Cah Med* 14:1025-35, 30 Nov 73 (Fre)
[Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al. *Union Med Can* 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)

PARATHYROID AND BONE

III. Parathyroid Hormone

PARATHYROID HORMONE

Generation of a carboxyl-terminal fragment of bovine parathyroid hormone by canine renal plasma membranes. Catherwood B, et al.
Biochem Biophys Res Commun 57:469-75, 25 Mar 74
 Hyperparathyroidism and renal failure. Arnaud CD.
Kidney Int 4:89-95, Aug 73 (56 ref.)

ADMINISTRATION & DOSAGE

The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine 3':5'-monophosphate in freshly isolated bone cells. Rodan SB, et al. *J Clin Invest* 53:3068-74, Jun 74

ADVERSE EFFECTS

The effects of parathyroid hormone on bone cell structure and function. McGuire JL, et al.
Clin Orthop 100:392-405, May 74

ANALYSIS

Metabolism of parathyroid hormone: physiologic and clinical significance. Segre GV, et al.
Am J Med 56:774-84, Jun 74 (30 ref.)
 Isolation of human parathyroid hormone. Keutmann HT, et al. *Biochemistry* 13:1646-52, 9 Apr 74
 The amino acid sequence of porcine parathyroid hormone. Sauer RT, et al.
Biochemistry 13:1994-9, 23 Apr 74
 Radioimmunoassay of rat parathyroid hormone in serum and tissue extracts. Hargis GK, et al.
Endocrinology 94:1644-9, Jun 74
 Intracellular localization of parathyroid hormone in the kidney. Nordquist RE, et al.
Endocrinology 95:229-37, Jul 74
 Immunoreactive forms of circulating parathyroid hormone in primary and ectopic hyperparathyroidism. Benson RC Jr, et al.
J Clin Invest 54:175-81, Jul 74
 Immunochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al.
J Clin Invest 53:1726-35, Jun 74
 Hyperparathyroidism and renal failure. Arnaud CD.
Kidney Int 4:89-95, Aug 73 (58 ref.)
 Ectopic production of the isolated alpha subunit of the glycoprotein hormones. A quantitative marker in certain cases of cancer. Rosen SW, et al.
N Engl J Med 290:1441-7, 27 Jun 74
 Preliminary evidence for a microsomal precursor to human parathyroid hormone. Wong ET, et al.
Proc Natl Acad Sci USA 70:2291-4, Aug 73
 Recent advances in the pathophysiology of the parathyroid glands. Moor P de, et al.
Verh K Vlaam Acad Geneesk Belg 36:106-34, 1974
 [Hypercalciuria-nephrocalcinosis-- and calcium calculi of the kidney. Differential diagnosis and clinical aspects of pathological renal calcium transport] Heidebreder E, et al.
Dtsch Med Wochenschr 99:586-590, 22 Mar 74 (29 ref.) (Ger)

ANTAGONISTS & INHIBITORS

Carbon dioxide and the effect of parathyroid hormone on bone in vitro. Mahgoub A, et al.
Am J Physiol 226:1272-5, Jun 74
 [Role of thyrocalcitonin in osteogenesis] Briakin AI.
Ortop Travmatol Protez 34:69-71, Dec 73 (Rus)

BIOSYNTHESIS

Non-rebosomal incorporation of arginine into a specific protein by a cell-free extract of parathyroid tissue. Kemper B, et al.
Biochim Biophys Acta 349:235-9, 17 May 74
 Immunoreactive forms of circulating parathyroid

hormone in primary and ectopic hyperparathyroidism. Benson RC Jr, et al.
J Clin Invest 54:175-81, Jul 74
 Structural analysis of human parathyroid hormone by a new microsequencing approach. Jacobs JW, et al.
Nature 249:155-7, 10 May 74
 Preliminary evidence for a microsomal precursor to human parathyroid hormone. Wong ET, et al.
Proc Natl Acad Sci USA 70:2291-4, Aug 73
 [Behavior of ionized calcium and parathormone in chronic renal insufficiency before and during hemolysis] Hermesmeier M, et al.
Med Welt 25:936-8, 24 May 74 (Ger)

BLOOD

Parathyroid hormone secretion in disorders of calcium metabolism studied by means of EDTA. Lockefeer JH, et al. *Acta Endocrinol (Kbh)* 75:286-96, Feb 74
 Influence of immunoheterogeneity of circulating parathyroid hormone on results of radioimmunoassays of serum in man. Arnaud CD, et al.
Am J Med 56:785-93, Jun 74
 The therapeutic approach to hypoparathyroidism. Avioli LV. *Am J Med* 57:34-42, Jul 74 (103 ref.)
 Radioimmunoassay of parathyroid hormone in hypercalcemic patients with malignant disease. Benson RC Jr, et al. *Am J Med* 56:821-6, Jun 74
 Short-term effects of 1,25-dihydroxycholecalciferol on disordered calcium metabolism of renal failure. Brickman AS, et al. *Am J Med* 57:28-33, Jul 74 (22 ref.)
 Selective arteriography, venography and venous hormone assay in diagnosis and localization of parathyroid lesions. Eisenberg H, et al.
Am J Med 56:810-20, Jun 74
 Circulating 25-hydroxyvitamin D in man. Haddad JG, et al. *Am J Med* 57:57-62, Jul 74
 Prevention and reversal of progressive secondary hyperparathyroidism in patients maintained by hemodialysis. Johnson WJ, et al.
Am J Med 56:827-32, Jun 74
 Parathyroid function in human vitamin D deficiency and vitamin D deficiency in primary hyperparathyroidism. Lumb GA, et al.
Am J Med 56:833-9, Jun 74
 Treatment of primary hyperparathyroidism. Purnell DC, et al. *Am J Med* 56:800-9, Jun 74
 Spectrum of hyperparathyroidism. Reiss E, et al.
Am J Med 56:794-9, Jun 74
 Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriber CR.
Am J Med 57:43-9, Jul 74 (44 ref.)
 Metabolism of parathyroid hormone: physiologic and clinical significance. Segre GV, et al.
Am J Med 56:774-84, Jun 74 (30 ref.)
 Letter: Pheochromocytoma and hyperparathyroidism. Bouillon R, et al. *Ann Intern Med* 81:131, Jul 74
 Calcitonin and parathyroid hormone--relation to early neonatal hypocalcemia in infants of diabetic mothers. Bergman L, et al. *Biol Neonate* 24:151-60, 1974
 Bone turnover-sex hormone-parathyroid hormone interrelationships in postmenopausal osteoporosis. Riggs B, et al. *Boll Soc Ital Biol Sper* 49:732-7, 30 Jul 73
 Parathyroid hormone responses during spontaneous hypocalcemia and induced hypercalcemia in cows. Blum JW, et al. *Endocrinology* 95:84-92, Jul 74
 Radioimmunoassay of rat parathyroid hormone in serum and tissue extracts. Hargis GK, et al.
Endocrinology 94:1644-9, Jun 74
 Parathyroid function in patients with hyper- or hypothyroidism. Bouillon R, et al.
J Clin Endocrinol Metab 38:999-1004, Jun 74
 Immunoreactive forms of circulating parathyroid hormone in primary and ectopic hyperparathyroidism. Benson RC Jr, et al.
J Clin Invest 54:175-81, Jul 74
 Hyperparathyroidism and renal failure. Arnaud CD.
Kidney Int 4:89-95, Aug 73 (56 ref.)
 Skeletal abnormalities in chronic renal insufficiency

PARATHYROID AND BONE

- before and during maintenance hemodialysis. Ritz E, et al. *Kidney Int* 4:116-27, Aug 73
- Letter: Early neonatal hypocalcaemia. Bergman L. *Lancet* 1:1057-8, 25 May 74
- Relationship between magnesium and secondary hyperparathyroidism during long-term hemodialysis. Pletka P, et al. *Metabolism* 23:619-30, Jul 74
- Letter: Parathyroid hormone secretion in X-linked hypophosphatemia. Glorieux FH, et al. *N Engl J Med* 290:1329-30, 6 Jun 74
- Hypercalcemia associated with chronic renal failure: a unifying hypothesis. David DS. *Perspect Biol Med* 17:361-70, Spring 74 (71 ref.)
- [Some endocrinological variations of calcium and phosphorus metabolism] Moor P de, et al. *Acta Clin Belg* 28:312-22, 1973 (Eng. Abstr.) (Dut)
- [Monstrous tumorous changes of the facial bones in secondary hyperparathyroidism (author's transl)] Pfeifle J, et al. *Dtsch Med Wochenschr* 99:389-91, 1 Mar 74 (Eng. Abstr.) (Ger)
- [Study of a case of primary hyperparathyroidism, subjected to parathyroidectomy] Poli E, et al. *Minerva Med* 65:1665-70, 21 Apr 74 (Ita)

CHEMICAL SYNTHESIS

- Recent studies on the chemistry of human, bovine and porcine parathyroid hormones. Brewer HB Jr, et al. *Am J Med* 56:759-66, Jun 74 (33 ref.)

ISOLATION & PURIFICATION

- Isolation of human parathyroid hormone. Keutmann HT, et al. *Biochemistry* 13:1646-52, 9 Apr 74
- The amino acid sequence of porcine parathyroid hormone. Sauer RT, et al. *Biochemistry* 13:1994-9, 23 Apr 74

METABOLISM

- Third F. Raymond Keating, Jr., Memorial Symposium-parathyroid hormone, calcitonin and vitamin D: clinical considerations. I. Introduction. Arnaud CD. *Am J Med* 56:743-50, Jun 74
- Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)
- Metabolism of parathyroid hormone: physiologic and clinical significance. Segre GV, et al. *Am J Med* 56:774-84, Jun 74 (30 ref.)
- Generation of a carboxyl-terminal fragment of bovine parathyroid hormone by canine renal plasma membranes. Catherwood B, et al. *Biochem Biophys Res Commun* 57:469-75, 25 Mar 74
- Hyperparathyroidism and renal failure. Arnaud CD. *Kidney Int* 4:89-95, Aug 73 (56 ref.)
- Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. *Kidney Int* 4:73-9, Aug 73 (53 ref.)
- Divalent ions in renal failure. Introduction. Massry SG. *Kidney Int* 4:71-2, Aug 73
- Endocrine manifestations of diphenylhydantoin therapy. Gharib H, et al. *Metabolism* 23:515-24, Jun 74
- Relationship between magnesium and secondary hyperparathyroidism during long-term hemodialysis. Pletka P, et al. *Metabolism* 23:619-30, Jul 74
- [Kidney and calcium metabolism. Physiology and pathophysiology of renal calcium excretion] Heldbreder E, et al. *Dtsch Med Wochenschr* 99:537-41, 15 Mar 74 (40 ref.) (Ger)
- [Current aspects of clinical osteology from the viewpoint of medicine] Kuhlencordt F. *Verh Dtsch Ges Rheumatol* 3:98-105, 1974 (Ger)
- [Biochemical diagnosis in hypercalcemia] Jorgensen H. *Tidsskr Nor Laegeforen* 94:1126-31, 20 Jun 74 (Nor)

PHARMACODYNAMICS

- Effect of prolonged lithium ingestion on glucagon and parathyroid hormone responses in rats. Olesen OV, et al. *Acta Pharmacol Toxicol (Kbh)* 34:225-31, Apr 74
- The possible role of platelets as trigger in intravascular coagulation associated with acute hyperparathyroidism. Hilgard P, et al. *Acta Univ Carol [Med Monogr] (Praha)* 53:427-32, 1972
- Recent studies on the chemistry of human, bovine and porcine parathyroid hormones. Brewer HB Jr, et al. *Am J Med* 56:759-66, Jun 74 (33 ref.)

- Effects of parathyroid hormone on bone of thyroparathyroidectomized rats: an ultrastructural and enzymatic study. Welsbrode SE, et al. *Am J Pathol* 75:529-41, Jun 74
- Carbon dioxide and the effect of parathyroid hormone on bone in vitro. Mahgoub A, et al. *Am J Physiol* 226:1272-5, Jun 74
- Isolation of human parathyroid hormone. Keutmann HT, et al. *Biochemistry* 13:1646-52, 9 Apr 74
- Regulation of gluconeogenesis by alanine. Friedrichs D, et al. *Biochim Biophys Acta* 343:341-55, 22 Apr 74
- Fluoride, parathyroid hormone and calcitonin: inter-relationships in bone calcium metabolism. Messer HH, et al. *Calcif Tissue Res* 13:217-24, 23 Oct 73
- Fluoride, parathyroid hormone and calcitonin: effects on metabolic processes involved in bone resorption. Messer HH, et al. *Calcif Tissue Res* 13:227-33, 23 Oct 73
- The effects of parathyroid hormone on bone cell structure and function. McGuire JL, et al. *Clin Orthop* 100:392-405, May 74
- Changes in adenosine 3',5'-monophosphate induced by parathyroid hormone and theophylline in the developing rat renal cortex. Muschek LD, et al. *Dev Biol* 33:56-61, Jul 73
- Effects of calcitonin in the concentration of cyclic adenosine 3',5'-monophosphate in rat kidney in vivo and in vitro. Kurokawa K, et al. *Endocrinology* 94:1514-8, Jun 74
- Stimulation of uridine incorporation in isolated bone cells by parathyroid hormone and cyclic AMP. Peck WA, et al. *Endocrinology* 95:289-96, Jul 74
- Hormonal responsiveness of adenylate cyclase activity from separate bone cells. Smith DM, et al. *Endocrinology* 95:130-9, Jul 74
- Leukocyte glucocerebrosidase deficiency diagnostic in adult Gaucher's disease with negative bone marrow biopsy. Some properties of the enzyme in leukocytes and spleen. Klibansky C, et al. *Eur J Clin Invest* 4:85-92, Apr 74
- Parathyroid hormone and calcitonin: influences upon lipolysis of human adipose tissue. Gozariu L, et al. *Horm Metab Res* 6:243-5, May 74
- The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine 3',5'-monophosphate in freshly isolated bone cells. Rodan SB, et al. *J Clin Invest* 53:3068-74, Jun 74
- The effects of calcitonin and parathormone on plasma magnesium levels before and after birth in the rat. Garel JM, et al. *J Endocrinol* 61:1-13, Apr 74
- Collagen metabolism, uremia and bone. Avioli LV. *Kidney Int* 4:105-15, Aug 73 (102 ref.)
- Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. *Kidney Int* 4:73-9, Aug 73 (53 ref.)
- Editorial: Site and control of phosphate reabsorption by the kidney. Knox FG, et al. *Kidney Int* 3:347-53, Jun 73
- Skeletal abnormalities in chronic renal insufficiency before and during maintenance hemodialysis. Ritz E, et al. *Kidney Int* 4:116-27, Aug 73
- Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. Welsbrode SE, et al. *Lab Invest* 30:786-94, Jun 74
- Clinicopathologic and ultrastructural studies of L-asparaginase-induced hypocalcemia in rabbits. An experimental animal model of acute hypoparathyroidism. Young DM, et al. *Lab Invest* 29:374-86, Oct 73
- Parathormone, cyclic AMP and neonatal kidneys. *Nutr Rev* 31:86-8, Mar 73 (7 ref.)
- Altered action of parathyroid hormone by chlorpropamide. Numann PJ, et al. *Surgery* 75:869-73, Jun 74
- Parathyroid hormone and gastric mucosal surface ultrastructure. Frenning B, et al. *Ups J Med Sci* 79:90-3, 1974
- [Citric acid and hyperparathyroidism. Preliminary report] Uhlf K, et al. *Bratisl Lek Listy* 61:436-41, 1974 (Eng. Abstr.) (Cze)
- [Effect of parathyroid extract on phosphorus-calcium regulation in the young rat with phosphate deficiency] Denis G, et al. *Union Med Can* 102:1286-9, Jun 73 (Eng. Abstr.) (Fre)

PHYSIOLOGY

- Third F. Raymond Keating, Jr., Memorial Symposium-parathyroid hormone, calcitonin and

PARATHYROID AND BONE

- vitamin D: clinical considerations. II. Vitamin D--1973. DeLuca HF. *Am J Med* 57:1-12, Jul 74 (79 ref.)
- Metabolic and clinical effects of pure crystalline 1 alpha-hydroxyvitamin D3 and 1 alpha,25-dihydroxyvitamin D3. Studies of intestinal calcium transport, renal tubular function and bone metabolism. Pechet MM, et al. *Am J Med* 57:13-20, Jul 74 (31 ref.)
- Effect of salmon calcitonin on in vivo calcium absorption in rats. Cramer CF. *Calcif Tissue Res* 13:169-72, 23 Oct 73
- Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I. *Curr Top Exp Endocrinol* 2:179-93, 1974 (57 ref.)
- Parathyroid hormone and calcitonin: influences upon lipolysis of human adipose tissue. Gozariu L, et al. *Horm Metab Res* 6:243-5, May 74
- The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF. *Kidney Int* 4:80-8, Aug 73 (65 ref.)
- Editorial: Site and control of phosphate reabsorption by the kidney. Knox FG, et al. *Kidney Int* 3:347-53, Jun 73
- Parathormone, cyclic AMP and neonatal kidneys. *Nutr Rev* 31:86-8, Mar 73 (7 ref.)
- Calcium and phosphate metabolism and the bone. Morgan DB. *Prog Surg* 10:24-75, 1972 (111 ref.)
- [Vitamin D as a hormone] Michajlik A. *Wiad Lek* 27:195-6, 15 Jan 74 (Pol)

SECRETION

- Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)
- Letter: Pheochromocytoma and hyperparathyroidism. Bouillon R, et al. *Ann Intern Med* 81:131, Jul 74
- Ectopic hormone production by non-endocrine tumours. Rees LH, et al. *Clin Endocrinol (Oxf)* 3:263-99, Jul 74 (94 ref.)
- Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I. *Curr Top Exp Endocrinol* 2:179-93, 1974 (57 ref.)
- Release of immunoreactive parathyroid hormone from rat parathyroid gland in organ culture. Fujita T, et al. *Endocrinology* 95:30-7, Jul 74

- Quantitative histological studies on the pathogenesis of uremic bone disease. Sherrard DJ, et al. *J Clin Endocrinol Metab* 39:119-35, Jul 74
- Immunohistochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al. *J Clin Invest* 53:1726-35, Jun 74
- Hyperparathyroidism and renal failure. Arnaud CD. *Kidney Int* 4:89-95, Aug 73 (56 ref.)
- On the mechanism of the phosphaturia of extracellular fluid volume expansion in the dog. Gradowska L, et al. *Kidney Int* 3:230-7, Apr 73
- Letter: Treatment of hypercalcemia after renal transplantation. Feiner RH. *N Engl J Med* 291:257-8, 1 Aug 74
- Letter: Parathyroid hormone secretion in X-linked hypophosphatemia. Glorieux FH, et al. *N Engl J Med* 290:1329-30, 6 Jun 74
- [Oral manifestations of hypoparathyroidism] Raczew Z. *Czas Stomatol* 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)

THERAPEUTIC USE

- Effectiveness of parathyroid hormone, calcitonin and phosphate on bone cells in Paget's disease. Bordier P, et al. *Am J Med* 56:850-7, Jun 74
- [Effect of some drugs (trasyolol, parathormone, low-molecular dextran) on the dynamics of acute experimental pancreatitis] Klepacki A. *Pol Przegl Chir* 46:529-34, 1974 (Eng. Abstr.) (Pol)
- [Case of rheumatic hypoparathyroidism] Nikolaichuk LV. *Vrach Delo* 4:100-1, 1974 (Rus)

URINE

- Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriver CR. *Am J Med* 57:43-9, Jul 74 (44 ref.)

PARATHYROID AND BONE

IV. Bone Metabolism and Related Topics

BONE AND BONES

- A photon absorptiometer for in vivo and in vitro measurement of small animal bone density. Fisher GL, et al. *Biomed Eng* 9:196-9 passim, May 74
Letter: Information density and bone scans. Chandra R, et al. *Br J Radiol* 47:360-1, Jun 74
A model for exposure to a semi-infinite cloud of a photon emitter. Poston JW, et al. *Health Phys* 26:287-93, Apr 74
Body composition, sinking force, and oxygen uptake of man treading water. Döbeln W von, et al. *J Appl Physiol* 37:55-9, Jul 74
A study of the bone machining process-orthogonal cutting. Jacobs CH, et al. *J Biomech* 7:131-6, Mar 74
Formation of bone tissue in culture from isolated bone cells. Binderman I, et al. *J Cell Biol* 61:427-39, May 74
Survey of radiopharmaceuticals and their current status. Soloway AH, et al. *J Pharm Sci* 63:647-65, May 74 (103 ref.)
[So-called organ hematocrit] Seleznev SA, et al. *Patol Fiziol Eksp Ter* 10:87-90, May 74 (24 ref.) (Rus)
[Species and age determination according to microstructure of the bones] Efdlin LM. *Sud Med Ekspert* 17:3-8, Apr-Jun 74 (Rus)

ABNORMALITIES

- The EEC syndrome. Pries C, et al. *Am J Dis Child* 127:840-4, Jun 74
Proceedings: Paralysis and skeletal anomalies in chick embryos treated with physostigmine. Sullivan GE. *J Anat* 116:463-4, Dec 73
Rachiterata: a new skeletal mutation on chromosome 2 of the mouse. Varnum DS, et al. *J Hered* 65:91-3, Mar-Apr 74
Schwachman's syndrome: the broad spectrum of bony abnormalities. McLennan TW, et al. *Radiology* 112:167-73, Jul 74
[Rubinstein-Taybi syndrome. Apropos of 2 new cases] Legrand J, et al. *Arch Ophthalmol (Paris)* 33:641-60, Oct 73 (Eng. Abstr.) (Fre)
[Congenital and acquired partitions of the navicular bone of the hand, the patella and the sesamoid bones of the foot (author's transl)] Koppenfels R von, et al. *Arch Orthop Unfallchir* 78:107-21, 30 Apr 74 (Eng. Abstr.) (Ger)
[Pharmacological studies of a lipase, GE-56, produced by *Pseudomonas* sp. V. Teratogenic effect of GA-56] Tamura S, et al. *Folia Pharmacol Jap* 70:107-18, Jan 74 (Eng. Abstr.) (Jap)

ANALYSIS

- Bone mineral content in four obese subjects before and after intestinal shunt operation. A preliminary report. Dalén N, et al. *Acta Chir Scand* 140:267-70, 1974
Grading of osteoporosis by skeletal roentgenology and bone scanning. Dalén N, et al. *Acta Radiol [Diagn] (Stockh)* 15:177-86, Mar 74
Phosphoproteins. Taborsky G. *Adv Protein Chem* 28:1-210, 1974
Measurement of bone mineral and body composition by the attenuation of three low-energy radiations from 241 Am. Kalrento AL, et al. *Ann Clin Res* 6:80-5, Apr 74
Sialic acid content of cortical bone. Niemann KM, et al. *Biochem Med* 10:148-52, Jun 74
A photon absorptiometer for in vivo and in vitro measurement of small animal bone density. Fisher GL, et al. *Biomed Eng* 9:196-9 passim, May 74
Neutron activation analysis of a hand: a method of monitoring progressive bone disease. McIntosh JA, et al. *Biomed Eng* 9:254-6 passim, Jun 74
The estimation of bone mineral content at selected skeletal sites by gamma-ray absorption. Smith CB, et al. *Br J Radiol* 47:314-8, Jun 74
Sub-uroporphyrins and their occurrence. A

- preliminary communication. Rimington C, et al. *Enzyme* 17:17-28, 1974
Retention of inhaled antimony-124 in the beagle dog as a function of temperature of aerosol formation. Fellicetti SW, et al. *Health Phys* 26:515-31, Jun 74
Determination of antibiotic levels in human bone. I. Gentamicin levels in bone. Rosin H, et al. *Infection* 2:3-6, 1974
Bone mineral assay: choice of measuring sites. Dalén N, et al. *Invest Radiol* 9:174-85, May-Jun 74
Correlation of serum, bone and urinary hydroxyproline in nutritional osteomalacia. Rizvi SN, et al. *J Assoc Physicians India* 21:189-93, Feb 73
Absolute and relative deficit in total-skeletal calcium and radial bone mineral in osteoporosis. Cohn SH, et al. *J Nucl Med* 15:428-35, Jun 74
Skeletal abnormalities in chronic renal insufficiency before and during maintenance hemodialysis. Rits E, et al. *Kidney Int* 4:116-27, Aug 73
Letter: Osteomalacia. Aaron J, et al. *Lancet* 1:939, 11 May 74
Similarity of chronic copper toxicity in rats to copper deposition of Wilson's disease. Owen CA Jr. *Mayo Clin Proc* 49:368-75, Jun 74
[The mineral content of bone and fluoridation of drinking water; a comparative study in Culemborg and Tiel] Melman AP, et al. *Ned Tijdschr Geneesk* 117:1728-33, 17 Nov 73 (Eng. Abstr.) (Dut)
[Strontium 90 in human bones in Belgium from 1967 to 1969] Gillard-Baruh JH. *J Belge Radiol* 57:137-43, Mar-Apr 74 (Eng. Abstr.) (Fre)
[Bone mass measurement by the absorption of 125I-photons (author's transl)] Donath A, et al. *Radiol Clin Biol* 43:393-400, 1974 (Eng. Abstr.) (Fre)
[The detection of bromoureaide-poisoning in skeletal finds (author's transl)] Döring G, et al. *Z Rechtsmed* 74:69-74, 29 Mar 74 (Eng. Abstr.) (Ger)
[Some properties of the bone mineral] Golutvina MM, et al. *Biol Nauki* 5:43-7, 1974 (Rus)
[Effect of a ultra high-frequency electromagnetic field on the level of metals and metalloproteins in animal organs and tissues] Mints SM, et al. *Biol Nauki* 110:46-9, 1973 (Rus)
[Use of the IR spectra of the tubular bones in forensic medicine] Stepankevich EF, et al. *Sud Med Ekspert* 17:15-7, Jan-Mar 74 (Eng. Abstr.) (Rus)
[Photometric method of determining the content of mineral salts in the bones of psoriasis patients] Komissarov VM. *Vestn Dermatol Venerol* 48:41-5, May 74 (Eng. Abstr.) (Rus)
[Importance of the adrenal glands in regulating iron metabolism in the animal organism] Voroshilovskala SP. *Ukr Biokhim Zh* 45:342-6, May-Jun 73 (Eng. Abstr.) (Ukr)

ANATOMY & HISTOLOGY

- The organization and gross mineralization patterns of the collagen fibres in Sharpey fibre bone. Jones SJ, et al. *Cell Tissue Res* 148:83-96, 29 Mar 74
Zonal osteons in cortical bone. Pankovich AM, et al. *Clin Orthop* 100:356-63, May 74
Heritability of osteometric traits in a randombred population of mice. Leamy L. *J Hered* 65:109-20, Mar-Apr 74
Reaction of bone to implanted materials. Peters WJ, et al. *Oral Sci Rev* 5:56-67, 1974 (73 ref.)
[Indirect morphometrical methods for the estimation of volumetric data and relation percentages (author's transl)] Vialli M. *Mikroskopie* 30:87-90, Apr 74 (Eng. Abstr.) (Ita)
[Aging and diseases: osteoporosis] Okamoto T, et al. *Jap J Clin Med* 32:130-3, Jan 74 (16 ref.) (Jap)
[Preparation of thin sections from nondecalcified

bone] Nedl'ko ES.
Sud Med Ekspert 17:50-1, Jan-Mar 74 (Rus)

BLOOD SUPPLY

The arterial supply of the talus. Peterson L, et al. *Acta Orthop Scand* 45:260-70, 1974
Bilateral total knee replacement in a patient with sickle cell disease. Habermann ET, et al. *Clin Orthop* 100:211-5, May 74
Joint manifestations of sickle cell disease. Espinoza LR, et al. *Medicine (Baltimore)* 53:295-305, Jul 74
[Dissemination of secondaries of carcinoma into the bones (author's transl)] Moser H. *Med Klin* 69:745-9, 26 Apr 74 (Eng. Abstr.) (Ger)
[Stable osteosynthesis and primary union of bones] Dubrov IaG, et al. *Ortop Travmatol Protez* 34:1-8, Dec 73 (Eng. Abstr.) (Rus)

CYTOLOGY

The calcified cartilage and the subchondral bone under normal and abnormal conditions. Stougård J. *Acta Pathol Microbiol Scand [A]* 82:182-8, Mar 74
Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)
Effects of parathyroid hormone on bone of thyroparathyroidectomized rats: an ultrastructural and enzymatic study. Welsbrode SE, et al. *Am J Pathol* 75:529-41, Jun 74
Effects of cortisone on bone metabolism in intact and thyroidectomized rabbits. Thompson JS, et al. *Calcif Tissue Res* 13:197-215, 23 Oct 73
Quantitative electron microscopic investigations of mineral nucleation in collagen. Höhling HJ, et al. *Cell Tissue Res* 148:11-26, 29 Mar 74
The effects of parathyroid hormone on bone cell structure and function. McGuire JL, et al. *Clin Orthop* 100:392-405, May 74
Hormonal responsiveness of adenylate cyclase activity from separate bone cells. Smith DM, et al. *Endocrinology* 95:130-9, Jul 74
A study of the bone machining process-orthogonal cutting. Jacobs CH, et al. *J Biomech* 7:131-6, Mar 74
The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine 3':5'-monophosphate in freshly isolated bone cells. Rodan SB, et al. *J Clin Invest* 53:3068-74, Jun 74
Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. Welsbrode SE, et al. *Lab Invest* 30:786-94, Jun 74
Osteoporosis in Surinam. Vlaser WJ, et al. *Nutr Metab* 16:208-14, 1974
[Indirect morphometrical methods for the estimation of volumetric data and relation percentages (author's transl)] Vialli M. *Mikroskopie* 30:87-90, Apr 74 (Eng. Abstr.) (Ita)
[Species and age determination according to microstructure of the bones] Eidlin LM. *Sud Med Ekspert* 17:3-8, Apr-Jun 74 (Rus)
[Method for combined staining of cellular and tissue structures in histological sections of osseous and cartilaginous tissue] Mazhuga PM, et al. *Tsitol Genet* 8:160-1, Mar 74 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Treatment of osteoporosis with vitamin D. Buring K, et al. *Acta Med Scand* 195:471-2, Jun 74
Effects of parathyroid hormone on bone of thyroparathyroidectomized rats: an ultrastructural and enzymatic study. Welsbrode SE, et al. *Am J Pathol* 75:529-41, Jun 74
Carbon dioxide and the effect of parathyroid hormone on bone in vitro. Mahgoub A, et al. *Am J Physiol* 226:1272-5, Jun 74
Effect of ascorbic acid on urinary hydroxyproline of children receiving corticosteroids. Liakakos D, et al. *Arch Dis Child* 49:400-3, May 74
Action of Solanum malacoxylon on calcium metabolism in the rat. Uribe A, et al. *Biochem Biophys Res Commun* 58:257-62, 7 May 74
Fluoride, parathyroid hormone and calcitonin: effects on metabolic processes involved in bone resorption. Messer HH, et al. *Calcif Tissue Res* 13:227-33, 23 Oct 73
Fluoride, parathyroid hormone and calcitonin: inter-relationships in bone calcium metabolism. Messer HH, et al. *Calcif Tissue Res* 13:217-24, 23 Oct 73

Effects of cortisone on bone metabolism in intact and thyroidectomized rabbits. Thompson JS, et al. *Calcif Tissue Res* 13:197-215, 23 Oct 73
Hypercortisolemia and lack of skeletal response to oestrogen in postmenopausal women. Aitken JM, et al. *Clin Endocrinol (Oxf)* 3:167-74, Apr 74
The effects of parathyroid hormone on bone cell structure and function. McGuire JL, et al. *Clin Orthop* 100:392-405, May 74
Stimulation of uridine incorporation in isolated bone cells by parathyroid hormone and cyclic AMP. Peck WA, et al. *Endocrinology* 95:289-98, Jul 74
The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine 3':5'-monophosphate in freshly isolated bone cells. Rodan SB, et al. *J Clin Invest* 53:3068-74, Jun 74
Effects of cholecalciferol on bone formation and serum calcium, phosphate and magnesium in chicks. Ramp WK, et al. *J Nutr* 104:803-9, Jul 74
Skeletal abnormalities in chronic renal insufficiency before and during maintenance hemodialysis. Ritz E, et al. *Kidney Int* 4:116-27, Aug 73
Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. Welsbrode SE, et al. *Lab Invest* 30:786-94, Jun 74
Proceedings: Effect of vitamin D and its metabolites on bone in tissue culture. Atkins D, et al. *N Engl J Med* 291:1111-1112, 11 Jun 74
Biological activity of 1alpha-hydroxycholecalciferol, a synthetic analog of the hormonal form of vitamin D3. Haussler MR, et al. *Proc Natl Acad Sci USA* 70:2248-52, Aug 73
Changes in response to calcitonin following prolonged administration to intact rats. Messer HH, et al. *Proc Soc Exp Biol Med* 146:643-7, Jun 74
[Effect of hypophysectomy and bovine somatotrophic hormone treatment on the relative growth of lambs] Vézinhel A. *Ann Biol Anim Biochim Biophys* 13:51-73, 1973 (Eng. Abstr.) (Fre)
[Effects of cadmium and zinc on cell cultures derived from the bone tissue and tooth germ] Sato A, et al. *Folia Pharmacol Jap* 70:127-33, Jan 74 (Eng. Abstr.) (Jap)
[Estrogen treatment of women after the menopause] Furuhjelm M. *Lakartidningen* 71:605-7, 13 Feb 74 (Eng. Abstr.) (Swe)

EMBRYOLOGY

Carbon dioxide and the effect of parathyroid hormone on bone in vitro. Mahgoub A, et al. *Am J Physiol* 226:1272-5, Jun 74
The skeleton of the eye. II. Overlap of the scleral ossicles of the domestic fowl. Coulombre AJ, et al. *Dev Biol* 33:257-67, Aug 73
The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine 3':5'-monophosphate in freshly isolated bone cells. Rodan SB, et al. *J Clin Invest* 53:3068-74, Jun 74

ENZYMOLGY

Heat inactivation and determination of serum gamma-glutamyltranspeptidase as a profile in identification of human alkaline phosphatase. Tsung SH, et al. *Am J Clin Pathol* 61:606-11, May 74
Effects of parathyroid hormone on bone of thyroparathyroidectomized rats: an ultrastructural and enzymatic study. Welsbrode SE, et al. *Am J Pathol* 75:529-41, Jun 74
The pyrophosphatase and (Ca²⁺-Mg²⁺)-ATPase activity of purified calf bone alkaline phosphatase. Felix R, et al. *Biochim Biophys Acta* 350:84-94, 20 May 74
Developmental changes in procollagen lysyl hydroxylase activity in the chick embryo. Ryhänen L, et al. *Biochim Biophys Acta* 343:121-8, 20 Mar 74
Fluoride, parathyroid hormone and calcitonin: effects on metabolic processes involved in bone resorption. Messer HH, et al. *Calcif Tissue Res* 13:227-33, 23 Oct 73
Effect of ethane-1-hydroxy-1, 1-diphosphonate on bone turnover in adult dogs. Cabanela ME, et al. *Clin Orthop* 100:364-9, May 74
Serum alkaline phosphatase in cystic fibrosis. Interpretation of elevated values based on electrophoretic isoenzyme analyses. Boat TF, et al. *Clin Pediatr (Phila)* 13:505-12, Jun 74

Multiple molecular forms of gamma-glutamyl transpeptidase during human pregnancy. Jones DD, et al. *Enzyme* 17:139-45, 1974

The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine 3':5'-monophosphate in freshly isolated bone cells. Rodan SB, et al. *J Clin Invest* 53:3088-74, Jun 74

Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. Weisbrode SE, et al. *Lab Invest* 30:786-94, Jun 74

Biochemical and electron-microscopical studies of chronic lead exposure in the heart and other organs in rats. Moore MR, et al. *Scott Med J* 19:155-6, May 74

[Influence of various dietary zinc contents on the activity of alkaline phosphatase in bones. 9. On zinc metabolism in the animal organism] Roth HP, et al. *Z Tierphysiol* 33:57-61, Apr 74 (Eng. Abstr.) (Ger)

GROWTH & DEVELOPMENT

Developmental changes in procollagen lysyl hydroxylase activity in the chick embryo. Ryhänen L, et al. *Biochim Biophys Acta* 343:121-8, 20 Mar 74

Thyroid physiology during the postnatal period in the rat: a study of the development of thyroid function and of the morphogenetic effects of thyroxine with special reference to cerebellar maturation. Clos J, et al. *Gen Comp Endocrinol* 23:178-92, Jun 74

A developmental approach to adolescence. Falgel HC. *Pediatr Clin North Am* 21:353-9, May 74 (11 ref.)

[Species and age determination according to microstructure of the bones] Eidlín LM.

Sud Med Ekspert 17:3-8, Apr-Jun 74 (Rus)

INJURIES

Analysis of mechanical symmetry in rabbit long bones. White AA 3d, et al. *Acta Orthop Scand* 45:328-36, 1974

Reaction of bone to implanted materials. Peters WJ, et al. *Oral Sci Rev* 5:56-67, 1974 (73 ref.)

Radiology and pediatrics. New relationships. O'Connor JF. *Pediatr Clin North Am* 21:323-40, May 74

[Animal experimental studies on the problem of tissue damage caused by high speed drilling and milling in the bone] Lentrodt L, et al.

Dtsch Zahnärztl Z 99:230-6, Feb 73 (Eng. Abstr.) (Ger)

[Urolithiasis as a complication of bone injuries in children] Karcz J.

Pediatr Pol 45:1239-42, Oct 73 (Eng. Abstr.) (Pol)

[Anabolic hormones in complex therapy of elderly and old traumatologic patients] Samoilov KA.

Ortop Travmatol Protez 34:27-31, 1974 (Eng. Abstr.) (Rus)

METABOLISM

Bone mineral content in patients with primary hyperparathyroidism without radiological evidence of skeletal changes. Dalén N, et al.

Acta Endocrinol (Kbh) 75:297-304, Feb 74

Bone mineral content and physical activity. Dalén N, et al. *Acta Orthop Scand* 45:170-4, 1974

Bone mineral content of the femoral neck after irradiation. Dalén N, et al.

Acta Radiol [Ther] (Stockh) 13:97-101, Apr 74

Bone matrix in the solid state: geometric influence on differentiation of fibroblasts. Reddi AH.

Adv Biol Med Phys 15:1-18, Jun 74 (44 ref.)

Hypocalcemia, hypercalciuria and decreased bone density. A new hereditary syndrome. Sperling O, et al.

Adv Exp Med Biol 41:717-21, 1974

Metabolism of two valence states of inhaled antimony in hamsters. Felicetti SA, et al.

Am Ind Hyg Assoc J 35:292-300, May 74

A recognition of the interrelationship of calcium with various dietary components. McBean LD, et al.

Am J Clin Nutr 27:603-9, Jun 74 (47 ref.)

Heat inactivation and determination of serum gamma-glutamyltranspeptidase as a profile in identification of human alkaline phosphatase. Tsung SH, et al. *Am J Clin Pathol* 61:606-11, May 74

Metabolic and clinical effects of pure crystalline 1 alpha-hydroxyvitamin D3 and 1

alpha,25-dihydroxyvitamin D3. Studies of intestinal calcium transport, renal tubular function and bone metabolism. Pechet MM, et al.

Am J Med 57:13-20, Jul 74 (31 ref.)

Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)

Effects of parathyroid hormone on bone of thyroparathyroidectomized rats: an ultrastructural and enzymatic study. Weisbrode SE, et al.

Am J Pathol 75:529-41, Jun 74

Carbon dioxide and the effect of parathyroid hormone on bone in vitro. Mahgoub A, et al.

Am J Physiol 226:1272-5, Jun 74

Technetium 99m labeled diphosphonate bone scanning in Paget's disease. Miller SW, et al.

Am J Roentgenol Radium Ther Nucl Med 121:177-83, May 74

Review of roentgenographic bone demineralization studies of the Gemini space flights. Vose GP.

Am J Roentgenol Radium Ther Nucl Med 121:1-4, May 74

Action of Solanum malacoxylon on calcium metabolism in the rat. Uribe A, et al.

Biochem Biophys Res Commun 58:257-62, 7 May 74

Calcium transport in the early conceptus and associated maternal tissues in the rabbit. McIntosh JE, et al. *Biochem J* 138:97-105, Jan 74

Bone turnover-sex hormone-parathyroid hormone interrelationships in postmenopausal osteoporosis. Riggs B, et al. *Boll Soc Ital Biol Sper* 49:732-7, 30 Jul 73

The effect of changes of dietary calcium concentration on calcium metabolism in sheep. Braithwaite GD.

Br J Nutr 31:319-31, May 74

Fluoride, parathyroid hormone and calcitonin: inter-relationships in bone calcium metabolism.

Messer HH, et al. *Calcif Tissue Res* 13:217-24, 30 Oct 73

Fluoride, parathyroid hormone and calcitonin: effects on metabolic processes involved in bone resorption.

Messer HH, et al. *Calcif Tissue Res* 13:227-33, 23 Oct 73

Effects of cortisone on bone metabolism in intact and thyroidectomized rabbits. Thompson JS, et al.

Calcif Tissue Res 13:197-215, 23 Oct 73

The comparative in vitro release of calcium from dried and defatted eel and rat bone fragments, and its possible significance to calcium homeostasis in teleosts. Fenwick JC. *Can J Zool* 52:755-64, Jun 74

Hypercortisolaemia and lack of skeletal response to oestrogen in postmenopausal women. Altken JM, et al.

Clin Endocrinol (Oxf) 3:167-74, Apr 74

Effect of ethane-1-hydroxy-1,1-diphosphonate on bone turnover in adult dogs. Cabanela ME, et al.

Clin Orthop 100:364-9, May 74

The effects of parathyroid hormone on bone cell structure and function. McGuire JL, et al.

Clin Orthop 100:392-405, May 74

Stimulation of uridine incorporation in isolated bone cells by parathyroid hormone and cyclic AMP. Peck WA, et al. *Endocrinology* 95:289-98, Jul 74

Nutritional factors and susceptibility to lead toxicity. Mahaffey KR.

Environ Health Perspect 7:107-12, May 74

Significance of plasma lead levels in normal and lead-intoxicated children. Rosen JF, et al.

Environ Health Perspect 7:139-44, May 74

Biosynthesis of collagen. The biochemist's view. Miller EJ, et al. *Fed Proc* 33:1197-204, May 74 (97 ref.)

Distribution and removal by DTPA of injected 252Cf in the rat. Morin M, et al. *Health Phys* 26:323-6, Apr 74

Effect of ovariectomy on tritiated thymidine incorporation into DNA of 'non-target' organs of the mouse. Venza-Tetti D. *Horm Res* 5:187-92, 1974

Effect of vitamin A deficiency on several bone parameters in chicks. Havivi E, et al.

Int J Vitam Nutr Res 44:8-13, 1974

The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine

3':5'-monophosphate in freshly isolated bone cells. Rodan SB, et al. *J Clin Invest* 53:3068-74, Jun 74

Effects of cholecalciferol on bone formation and serum calcium, phosphate and magnesium in chicks. Ramp WK, et al. *J Nutr* 104:803-9, Jul 74

Potential pathways for bone resorption in human periodontal disease. Hausmann E.

J Periodontol 45:338-43, May 74

Hyperparathyroidism and renal failure. Arnaud CD. *Kidney Int* 4:89-95, Aug 73 (56 ref.)

Collagen metabolism, uremia and bone. Avioli LV. *Kidney Int* 4:105-15, Aug 73 (102 ref.)

Editorial: Vitamin D, the kidney and calcium homeostasis. Avioli LV.

Kidney Int 2:241-6, Nov 72 (62 ref.)

The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF.

Kidney Int 4:80-8, Aug 73 (65 ref.)

- Role of diet, gastrointestinal tract and bone in acid-base homeostasis. Lemann J Jr, et al. *Kidney Int* 1:275-9, May 72 (26 ref.)
- Proceedings: Effect of vitamin D and its metabolites on bone in tissue culture. Atkins D, et al. *N Engl J Med* 291:xxxlxxxx, 11 Jun 74
- The influence of dietary intake on endogenous acid production. Theoretical and experimental background. Chan JC. *Nutr Metab* 16:1-9, 1974 (18 ref.)
- Biological activity of 1 α -hydroxycholecalciferol, a synthetic analog of the hormonal form of vitamin D3. Haussler MR, et al.
- Proc Natl Acad Sci USA* 70:2248-52, Aug 73
- Effects of dietary vitamin D levels on the in vitro mineralization of chick metaphyses. Crenshaw MA, et al. *Proc Soc Exp Biol Med* 146:488-93, Jun 74
- Changes in response to calcitonin following prolonged administration to intact rats. Messer HH, et al. *Proc Soc Exp Biol Med* 146:643-7, Jun 74
- Estrogen receptors in bone. An evaluation of the uptake of estrogen into bone cells. Nutik G, et al. *Proc Soc Exp Biol Med* 146:265-8, May 74
- Calcium and phosphate metabolism and the bone. Morgan DB. *Frog Surg* 10:24-75, 1972 (111 ref.)
- Quantitative determination of pulmonary microembolism in the dog. Comparison of in vivo and in vitro methods. Busch C. *Ups J Med Sci* 79:72-83, 1974
- Behavior of teeth at low temperatures (occurrence in heterografts) and approach to the study of certain macromolecules. IV] Azouali R, et al.
- Med Hyg (Geneve)* 32:798, 1 May 74 (Fre)
- [Investigations of the skeleton with radioisotopes (author's transl)] Donath A.
- Radiol Clin Biol* 43:378-84, 1974 (Eng. Abstr.) (Fre)
- [Calcium metabolism in hyperthyroidism] Montz R, et al. *Radiologe* 14:166-72, Apr 74 (Ger)
- [Comparative determinations of the mineral content in bones during inflammatory and degenerative diseases of the locomotor system] Hiness R, et al.
- Verh Dtsch Ges Rheumatol* 3:171-3, 1974 (Eng. Abstr.) (Ger)
- [Nuclear medicine aspects of clinical osteology] Schneider C.
- Verh Dtsch Ges Rheumatol* 3:112-7, 1974 (Ger)
- [Vitamin D metabolism and rickets prevention] Kircher W.
- Wien Med Wochenschr* 124:414-7, 22 Jun 74 (Ger)
- [Comparison of the histology and kinetics of radiocalcium in Paget's disease] Caniggia A, et al. *Boll Soc Ital Biol Sper* 49:738-40, 30 Jul 73 (Ita)
- [Effects of cadmium and zinc on cell cultures derived from the bone tissue and tooth germ] Sato A, et al. *Folia Pharmacol Jap* 70:127-33, Jan 74 (Eng. Abstr.) (Jap)
- [Vitamin D as a hormone] Michajlik A.
- Wiad Lek* 27:195-6, 15 Jan 74 (Pol)
- [Some properties of the bone mineral] Golutvina MM, et al. *Biol Nauki* 5:43-7, 1974 (Rus)
- [Role of thyrocalcitonin in osteogenesis] Briskin AI. *Ortop Travmatol Protez* 34:69-71, Dec 73 (Rus)
- [Effectiveness of using thyrocalcitonin for the prevention of a calcium metabolic disorder in the mineralized tissues of rabbits with 30-day-old hypokinesia] Volozhin AI, et al.
- Patol Fiziol Eksp Ter* 10:42-6, May 74 (Eng. Abstr.) (Rus)
- [Amino acid and mineral metabolism in calcified tissues in experimental heteroimmune nephritis in rats] Zhizhina NA.
- Patol Fiziol Eksp Ter* 10:47-50, May 74 (Eng. Abstr.) (Rus)
- [Metabolism of labeled selenium in the liver, kidneys, bones and other organs of albino rats of different ages] Petrovich IuA, et al.
- Zh Evol Biokhim Fiziol* 10:309-11, May 74 (Eng. Abstr.) (Rus)

PATHOLOGY

- The calcified cartilage and the subchondral bone under normal and abnormal conditions. Stougård J. *Acta Pathol Microbiol Scand [A]* 82:182-8, Mar 74
- Grading of osteoporosis by skeletal roentgenology and bone scanning. Dalén N, et al.
- Acta Radiol [Diagn]* (Stockh) 15:177-86, Mar 74
- Osteochondrosis and arthrosis in pigs. V. A comparison of the incidence in three different lines of the Norwegian Landrace breed. Grondalen T, et al. *Acta Vet Scand* 15:61-79, 1974
- Effects of parathyroid hormone on bone of

- thyroparathyroidectomized rats: an ultrastructural and enzymatic study. Welsbrode SE, et al. *Am J Pathol* 75:529-41, Jun 74
- Bone disease in hemodialysis patients with particular reference to the effect of fluoride. Cordy PE, et al. *Can Med Assoc J* 110:1349-53, 22 Jun 74
- Effect of vitamin A deficiency on several bone parameters in chicks. Havivi E, et al. *Int J Vitam Nutr Res* 44:8-13, 1974
- Fracture formation in differing collagen fiber pattern of compact bone. Simkin A, et al. *J Biomech* 7:183-8, Mar 74
- Quantitative histological studies on the pathogenesis of uremic bone disease. Sherrard DJ, et al. *J Clin Endocrinol Metab* 39:119-35, Jul 74
- Proceedings: Cadmium poisoning effects on the rat dental tissues and bones. Furuta H, et al. *Jap J Pharmacol* 24:Suppl:14, 1974
- Letter: Osteomalacia. Aaron J, et al. *Lancet* 1:939, 11 May 74
- Diphosphonates in Paget's disease. Russell RG, et al. *Lancet* 1:894-8, 11 May 74
1. Introduction to aspiration biopsy. Zajicek J. *Monogr Clin Cytol* 4:1-211, 1974 (177 ref.)
- Osteoporosis in Surinam. Visser WJ, et al. *Nutr Metab* 16:208-14, 1974
- Lathyrism: a review. Barrow MV, et al. *Q Rev Biol* 49:101-28, Jun 74 (133 ref.)
- Influence of coprophagy prevented by partial immobilization on calcium metabolism and bone morphology in the rat. Remagen W, et al. *Res Exp Med (Berl)* 162:313-21, 1974
- [Skeletal histology in uremic osteodystrophy following increase of dialysate calcium concentration to 3.75 mval-l (preliminary report)] Malluche HH, et al. *Verh Dtsch Ges Inn Med* 79:729-31, 1973 (Ger)
- [Skeletal changes in inflammatory-rheumatic diseases from the pathological-anatomical point of view] Uehlinger E.
- Verh Dtsch Ges Rheumatol* 3:157-62, 1974 (Ger)
- [Comparison of the histology and kinetics of radiocalcium in Paget's disease] Caniggia A, et al. *Boll Soc Ital Biol Sper* 49:738-40, 30 Jul 73 (Ita)
- [Aging and diseases: multiple myeloma] Hirota Y. *Jap J Clin Med* 32:102-12, Jan 74 (43 ref.) (Jap)
- [Species and age determination according to microstructure of the bones] Efdlin LM.
- Sud Med Ekspert* 17:3-8, Apr-Jun 74 (Rus)

PHYSIOLOGY

- Calculations of therapeutic heat generated by ultrasound in fat-muscle-bone layers. Chan AK, et al. *Biomed Eng* 21:280-4, Jul 74
- The development of the aging face. Ellis DA. *Can J Otolaryngol* 2:231-4, 1973
- Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I.
- Curr Top Exp Endocrinol* 2:179-93, 1974 (57 ref.)
- Young's modulus of compact bone. Bonfield W, et al. *J Biomech* 7:147-9, Mar 74
- A study of the bone machining process-orthogonal cutting. Jacobs CH, et al. *J Biomech* 7:131-6, Mar 74
- Stress-induced potentials in moist bone in vitro. Steinberg ME, et al. *J Bone Joint Surg [Am]* 56:704-13, Jun 74
- Role of diet, gastrointestinal tract and bone in acid-base homeostasis. Lemann J Jr, et al. *Kidney Int* 1:275-9, May 72 (26 ref.)
- Bone strength of caged layers as affected by Portland cement and sodium bicarbonate. Ferguson TM, et al. *Poult Sci* 53:303-7, Jan 74

PHYSIOPATHOLOGY

- Effects of dietary vitamin D levels on the in vitro mineralization of chick metaphyses. Crenshaw MA, et al. *Proc Soc Exp Biol Med* 146:488-93, Jun 74

RADIATION EFFECTS

- [Jugomandibular complex radionecrosis. Therapeutic problems] Lallemand Y, et al. *Ann Otolaryngol Chir Cervicofac* 90:763-9, Dec 73 (Fre)
- [Influence of natural bones on the dose distribution of electrons and photons up to 42 MeV] Fehrentz D, et al. *Strahlentherapie* 146:644-56, Dec 73 (Eng. Abstr.) (Ger)
- [Distribution of absorbed doses in the organs of

PARATHYROID AND BONE

patients during roentgenodiagnosis] Telichko FF.
Med Radiol (Mosk) 18:36-44, Oct 73 (Eng. Abstr.)
(Rus)

RADIOGRAPHY

- Bone mineral content in patients with primary hyperparathyroidism without radiological evidence of skeletal changes. Dalén N, et al.
Acta Endocrinol (Kbh) 75:297-304, Feb 74
- Skeletal changes in the "cri du chat" syndrome. Dallapiccola B, et al.
Acta Genet Med Gemellol (Roma) 22:39-44, 1973
- A method of measuring image degradation in tomography. Haus AG, et al.
Acta Hepatogastroenterol (Stuttg) 19:219-20, Jun 72
- Grading of osteoporosis by skeletal roentgenology and bone scanning. Dalén N, et al.
Acta Radiol [Diagn] (Stockh) 15:177-86, Mar 74
- Different types of chondrodystrophy in a consecutive series of newborns. Gustavson KH, et al.
Acta Univ Carol [Med Monogr] (Praha) 56:103-4, 1973
- XO and male phenotype. Lo Curto F, et al.
Am J Dis Child 128:90-1, Jul 74
- Review of roentgenographic bone demineralization studies of the Gemini space flights. Vose GP.
Am J Roentgenol Radium Ther Nucl Med 121:1-4, May 74
- The sheep heart: coronary and conduction system anatomy with special reference to the presence of an os cordis. Frink RJ, et al. Anat Rec 179:189-200, Jun 74
- Proceedings: Long-term radiological assessment of juvenile rheumatoid arthritis. Goel KM, et al.
Arch Dis Child 49:412, May 74
- Effects of cortisone on bone metabolism in intact and thyroidectomized rabbits. Thompson JS, et al.
Calcif Tissue Res 13:197-215, 23 Oct 73
- Zonal osteons in cortical bone. Pankovich AM, et al.
Clin Orthop 100:356-63, May 74
- The roentgenographic picture of the developing extremity skeleton in rabbits. Nowicki M.
Folia Morphol (Warsz) 33:67-79, 1974
- Detection of renal-cell carcinoma with 99mTc polyphosphate imaging of bone. A case report. Jackman SJ, et al. Mayo Clin Proc 49:297-9, May 74
- Joint manifestations of sickle cell disease. Espinoza LR, et al. Medicine (Baltimore) 53:295-305, Jul 74
- Radiological assessment of fifty patients with juvenile rheumatoid arthritis: correlation with clinical and laboratory abnormalities. Goel KM, et al.
Pediatr Radiol 2:51-9, 5 Apr 74
- Schwachman's syndrome: the broad spectrum of bony abnormalities. McLennan TW, et al.
Radiology 112:167-73, Jul 74
- Rubinstein-Taybi syndrome with complex motor deficits. Calciolanu G, et al.
Rev Roum Neurol Psychiatr 11:77-80, 1974
- [Macroscopic cardiac calcifications and other calcium metastases in a patient on chronic hemodialysis] Fendler JP, et al.
Ann Med Interne (Paris) 124:799-806, Nov 73 (Fre)
- [Osteodystrophy and calcinosis in chronic renal failure treated by repeated hemodialysis] Bagon J, et al.
J Radiol Electrol Med Nucl 55:35-9, Jan 74 (Eng. Abstr.) (Fre)
- [Diagnosis of pathological changes at the cement-bone-bond by equidensitometry (author's transl)] Oest O, et al.
Arch Orthop Unfallchir 78:147-56, 30 Apr 74 (Eng. Abstr.) (Ger)
- [Current aspects of clinical osteology from radiological point of view] Wieners H.
Verh Dtsch Ges Rheumatol 3:105-12, 1974 (Ger)
- [Stand for X-ray cassettes. Bedside and intraoperative picture taking in bone surgery] Boloczko S.
Chir Narzadow Ruchu Ortop Pol 39:245-7, 1974 (Eng. Abstr.) (Pol)
- [Experience in using electroreontgenography in surgery] Vedenko BG, et al.
Klin Khir 4:54-6, Apr 74 (Rus)
- [Distribution of absorbed doses in the organs of patients during roentgenodiagnosis] Telichko FF.
Med Radiol (Mosk) 18:36-44, Oct 73 (Eng. Abstr.) (Rus)

SURGERY

- Surgical salvage in pulmonary tuberculosis. Delarue NC, et al. Ann Thorac Surg 18:38-51, Jul 74
- Mechanical and structural criteria for orthopaedic

- implants. Katz JL, et al.
Biomater Med Devices Artif Organs 1:575-634, 1973 (241 ref.)
- [Stand for X-ray cassettes. Bedside and intraoperative picture taking in bone surgery] Boloczko S.
Chir Narzadow Ruchu Ortop Pol 39:245-7, 1974 (Eng. Abstr.) (Pol)
- [Instrument for the treatment of bone cavities] Kobzer EV. Ortop Travmatol Protez 35:81-2, May 74 (Rus)
- [Anabolic hormones in complex therapy of elderly and old traumatologic patients] Samoilov KA.
Ortop Travmatol Protez 34:27-31, 1974 (Eng. Abstr.) (Rus)
- [Dynamics of durability of glue adhesion of bones and tendons] Shapiro MS.
Ortop Travmatol Protez 34:42-5, Dec 73 (Eng. Abstr.) (Rus)

CALCIFICATION, PHYSIOLOGIC

- The calcified cartilage and the subchondral bone under normal and abnormal conditions. Stougård J.
Acta Pathol Microbiol Scand [A] 82:182-8, Mar 74
- Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. Am J Med 56:751-8, Jun 74 (30 ref.)
- Calcification in Cooper's ligament. Steinfeld JR, et al.
Am J Roentgenol Radium Ther Nucl Med 121:107-8, May 74
- Mechanical and structural criteria for orthopaedic implants. Katz JL, et al.
Biomater Med Devices Artif Organs 1:575-634, 1973 (241 ref.)
- Quantitative electron microscopic investigations of mineral nucleation in collagen. Höhling HJ, et al.
Cell Tissue Res 148:11-26, 29 Mar 74
- The organization and gross mineralization patterns of the collagen fibres in Sharpey fibre bone. Jones SJ, et al. Cell Tissue Res 148:83-96, 29 Mar 74
- Mitochondrial calcium and its role in calcification. Histochemical localization of calcium in electron micrographs of the epiphyseal growth plate with K-pyrosulfonate. Brighton CT, et al.
Clin Orthop 100:406-16, May 74
- Zonal osteons in cortical bone. Pankovich AM, et al.
Clin Orthop 100:356-63, May 74
- Proceedings: Silicon as an essential element. Carlisle EM. Fed Proc 33:1758-66, Jun 74
- Phosphatases within the cartilage of the mandibular condyle of the mouse. Silbermann M, et al.
J Anat 116:335-45, Dec 73
- Calcium phosphate granules in the hepatopancreas of the blue crab Callinectes sapidus. Becker GL, et al.
J Cell Biol 61:316-26, May 74
- Formation of bone tissue in culture from isolated bone cells. Blunderman I, et al. J Cell Biol 61:427-39, May 74
- Cyclic electrochemical inactivation and restoration of competence of bone matrix to transform fibroblasts. Reddi AH, et al.
Proc Natl Acad Sci USA 71:1648-52, May 74
- Lipid and bone matrix calcification in vitro. Ennever J, et al. Proc Soc Exp Biol Med 145:1386-8, Apr 74
- Schwachman's syndrome: the broad spectrum of bony abnormalities. McLennan TW, et al.
Radiology 112:167-73, Jul 74

DRUG EFFECTS

- Proceedings: Steroid involvement in calcification of the invertebrate exoskeleton. Whitehead DL.
N Engl J Med 291:77-8, 11 Jun 74
- Role of 1,25-dihydroxyvitamin D3 in maintaining serum phosphorus and curing rickets. Tanaka Y, et al.
Proc Natl Acad Sci USA 71:1040-4, Apr 74
- Effects of dietary vitamin D levels on the in vitro mineralization of chick metaphyses. Crenshaw MA, et al. Proc Soc Exp Biol Med 146:488-93, Jun 74
- [Craniotabes-induced by excessive dose of vitamin D] Bognár I, et al. Orv Hetil 115:1234-5, 26 May 74 (Hun)

CALCITONIN

- Immunological similarity of human and rat calcitonin confirmed by immunofluorescent methods. Moukhtar MS, et al. Experientia 30:552-5, 15 May 74

ADMINISTRATION & DOSAGE

- Response of Paget's disease to porcine and salmon calcitonins: effects of long-term treatment. DeRose J, et al. Am J Med 56:858-66, Jun 74

PARATHYROID AND BONE

- Calcitonin inhibition of gastric secretion in rat. Orimo H, et al. *Endocrinol Jap* 20:439-45, Oct 73
- Letter: Calcitonin and plasma-phosphate in Paget's disease. Kanis JA, et al. *Lancet* 1:987, 18 May 74
- Letter: Calcitonin in steroid-induced osteoporosis. Palmieri GM, et al. *N Engl J Med* 290:1490-1, 27 Jun 74
- Changes in response to calcitonin following prolonged administration to intact rats. Messer HH, et al. *Proc Soc Exp Biol Med* 146:643-7, Jun 74
- Unresponsiveness of exocrine rat pancreas to calcemic challenges (hypercalcemia, EDTA hypocalcemia or calcitonin administration) which influence stomach function. Ziegler R, et al. *Res Exp Med (Berl)* 162:347-50, 1974
- [Cooperative study on the long-term treatment of osteoporosis with small doses of thyrocalcitonin. Apropos of 55 cases] Bloch-Michel H, et al. *Rev Rhum Mal Osteoartic* 41:93-104, Feb 74 (Eng. Abstr.) (Fre)
- [Drug therapy in acute hypercalcemia] Frey H. *Tidsskr Nor Laegeforen* 94:847-8, 10 May 74 (Nor)
- [Role of thyrocalcitonin in osteogenesis] Briakin AI. *Ortop Travmatol Protez* 34:69-71, Dec 73 (Rus)

ANALYSIS

- Human calcitonin. Immunologic assay, cytologic localization and studies on medullary thyroid carcinoma. Tashjian AH Jr, et al. *Am J Med* 56:840-9, Jun 74
- Diethylpyrocarbonate, a vapour-phase fixative for immunofluorescence studies on polypeptide hormones. Pearse AG, et al. *Histochem J* 8:347-52, May 74
- Ectopic production of the isolated alpha subunit of the glycoprotein hormones. A quantitative marker in certain cases of cancer. Rosen SW, et al. *N Engl J Med* 290:1441-7, 27 Jun 74
- Radioimmunoassays. Parker CW. *Prog Clin Pathol* 4:103-41, 1972 (164 ref.)

BIOSYNTHESIS

- Human calcitonin. Immunologic assay, cytologic localization and studies on medullary thyroid carcinoma. Tashjian AH Jr, et al. *Am J Med* 56:840-9, Jun 74

BLOOD

- Human calcitonin. Immunologic assay, cytologic localization and studies on medullary thyroid carcinoma. Tashjian AH Jr, et al. *Am J Med* 56:840-9, Jun 74
- Calcitonin and parathyroid hormone--relation to early neonatal hypocalcemia in infants of diabetic mothers. Bergman L, et al. *Biol Neonate* 24:151-60, 1974
- Editorial: Familial medullary carcinoma of the thyroid. *Br Med J* 2:461, 1 Jun 74
- Abnormal intradermal histamine reaction and elevated serum calcitonin in the syndrome of: medullary carcinoma of the thyroid gland, pheochromocytoma, and multiple mucosal neuromas. A survey and a case in a child with symptoms from early childhood. Flensborg EW, et al. *Dan Med Bull* 21:20-6, Mar 74
- Correlation between levels of gastrin and thyrocalcitonin in pig thyroid venous blood. Cooper CW, et al. *Endocrinology* 95:302-7, Jul 74
- Human calcitonin radioimmunoassay in normal and pathological conditions. Heynen G, et al. *Eur J Clin Invest* 4:213-22, Jun 74
- Letter: Early neonatal hypocalcaemia. Bergman L. *Lancet* 1:1057-8, 25 May 74
- Letter: Hyperthyrocalcitoninaemia, Schwartz-Bartter syndrome, and oat-cell carcinoma. Cattani D, et al. *Lancet* 1:938, 11 May 74
- Letter: Calcitonin and plasma-phosphate in Paget's disease. Kanis JA, et al. *Lancet* 1:987, 18 May 74
- Letter: Human calcitonin and serum-phosphate. Silva OL, et al. *Lancet* 1:1055, 25 May 74
- Metabolic fate of human calcitonin in the dog. Clark MB, et al. *N Engl J Med* 291:199-210, 11 Jun 74
- [Diagnostic value of calcitonin and plasma catecholamines in Sipple's syndrome] Garrido-Russo M, et al. *Union Med Can* 102:2098-103, Oct 73 (Eng. Abstr.) (Fre)

METABOLISM

- Third F. Raymond Keating, JR., Memorial Symposium--parathyroid hormone, calcitonin and vitamin D: clinical considerations. I. Introduction. Arnaud CD. *Am J Med* 56:743-50, Jun 74
- Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)
- Letter: Biochemical basis of malignant hyperpyrexia. Bowers E. *Br Med J* 2:614, 15 Jun 74
- Peptides obtained from porcine calcitonin after degradation by a human plasma fraction. O'Dor RK, et al. *Horm Metab Res* 6:161-4, Mar 74
- Metabolic fate of human calcitonin in the dog. Clark MB, et al. *N Engl J Med* 291:199-210, 11 Jun 74
- Unresponsiveness of exocrine rat pancreas to calcemic challenges (hypercalcemia, EDTA hypocalcemia or calcitonin administration) which influence stomach function. Ziegler R, et al. *Res Exp Med (Berl)* 162:347-50, 1974
- [Kidney and calcium metabolism. Physiology and pathophysiology of renal calcium excretion] Heibredner E, et al. *Dtsch Med Wochenschr* 99:537-41, 15 Mar 74 (40 ref.) (Ger)
- [Morphology and function of thyrocytes and calcitonin cells (C-cells) in the rat. Serum analysis following injections of thyrotropic hormone, tocopherol, calcium chloride of phosphate] Bläher S. *Endokrinologie* 62:327-49, 1973 (Eng. Abstr.) (Ger)
- [Calcitonin and phosphates in osteoporosis: experimental principles] Garrido M, et al. *Rev Iber Endocrinol* 21:113-25, Mar-Apr 74 (Eng. Abstr.) (Spa)

PHARMACODYNAMICS

- Fluoride, parathyroid hormone and calcitonin: inter-relationships in bone calcium metabolism. Messer HH, et al. *Calcif Tissue Res* 13:217-24, 23 Oct 73
- Fluoride, parathyroid hormone and calcitonin: effects on metabolic processes involved in bone resorption. Messer HH, et al. *Calcif Tissue Res* 13:227-33, 23 Oct 73
- Effect of calcitonin on P uptake in epiphyseal cartilages of P-deficient rats. Denis G, et al. *Can J Physiol Pharmacol* 52:355-7, Apr 74
- Calcitonin inhibition of gastric secretion in rat. Orimo H, et al. *Endocrinol Jap* 20:439-45, Oct 73
- Effects of calcitonin in the concentration of cyclic adenosine 3',5'-monophosphate in rat kidney in vivo and in vitro. Kurokawa K, et al. *Endocrinology* 94:1514-8, Jun 74
- Hormonal responsiveness of adenylate cyclase activity from separate bone cells. Smith DM, et al. *Endocrinology* 95:130-9, Jul 74
- Parathyroid hormone and calcitonin: influences upon lipolysis of human adipose tissue. Gozariu L, et al. *Horm Metab Res* 6:243-5, May 74
- Formation of bone tissue in culture from isolated bone cells. Binderman I, et al. *J Cell Biol* 61:427-39, May 74
- The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine 3',5'-monophosphate in freshly isolated bone cells. Rodan SB, et al. *J Clin Invest* 53:3068-74, Jun 74
- The effects of calcitonin and parathormone on plasma magnesium levels before and after birth in the rat. Garel JM, et al. *J Endocrinol* 61:1-13, Apr 74
- Calcitonin and intestinal calcium absorption. Swaminathan R, et al. *J Endocrinol* 61:83-94, Apr 74
- Editorial: Site and control of phosphate reabsorption by the kidney. Knox FG, et al. *Kidney Int* 3:347-53, Jun 73
- Letter: Calcitonin and plasma-phosphate in Paget's disease. Kanis JA, et al. *Lancet* 1:987, 18 May 74
- Effect of synthetic salmon calcitonin on iodine metabolism in rabbits. Lupulescu A, et al. *Proc Soc Exp Biol Med* 146:58-8, May 74
- Changes in response to calcitonin following prolonged administration to intact rats. Messer HH, et al. *Proc Soc Exp Biol Med* 146:643-7, Jun 74
- Recent advances in the pathophysiology of the parathyroid glands. Moor P de, et al. *Verh K Vlaam Acad Geneesk Belg* 36:106-34, 1974
- [Effect of calcitonin on gastric and pancreatic secretion and on the formation of experimental peptic ulcers in cats (author's transl)] Radecki T, et al. *Przegl Lek* 31:293-8, 1974 (Eng. Abstr.) (Pol)
- [Effect of thyrocalcitonin on conditioned reflexes and on the electrical activity of the brain of animals]

PARATHYROID AND BONE

- Komendantova MV, et al.
Farmatsia 22:645-51, Nov-Dec 73 (Eng. Abstr.) (Rus)
 [Effect of thyrocalcitonin on water-electrolyte balance in rabbits during prolonged restricted movement] Shashkov VS, et al.
Kosm Biol Aviakosm Med 8:18-22, May-Jun 74 (Eng. Abstr.) (Rus)
 [Role of thyrocalcitonin in osteogenesis] Briskin AI.
Ortop Travmatol Protez 34:69-71, Dec 73 (Rus)
 [Calcitonin and phosphates in osteoporosis: experimental principles] Garrido M, et al.
Rev Iber Endocrinol 21:113-25, Mar-Apr 74 (Eng. Abstr.) (Spa)

PHYSIOLOGY

- Effect of salmon calcitonin on in vivo calcium absorption in rats. Cramer CF.
Calcif Tissue Res 13:169-72, 23 Oct 73
 Effects of cortisone on bone metabolism in intact and thyroidectomized rabbits. Thompson JS, et al.
Calcif Tissue Res 13:197-215, 23 Oct 73
 Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I.
Curr Top Exp Endocrinol 2:179-93, 1974 (57 ref.)
 Parathyroid hormone and calcitonin: influences upon lipolysis of human adipose tissue. Gozariu L, et al.
Horm Metab Res 6:243-5, May 74
 Calcium and phosphate metabolism and the bone. Morgan DB. *Prog Surg* 10:24-75, 1972 (111 ref.)
 Postmenopausal osteoporosis. Pathogenesis and the mode of action of hormone therapy. Holló I.
Ther Hung 20:123-6 passim, 1972
 [Morphology and function of thyrocytes and calcitonin cells (C-cells) in the rat. Serum analysis following injections of thyrotropic hormone, tocopherol, calcium chloride of phosphate] Bläher S.
Endokrinologie 62:327-49, 1973 (Eng. Abstr.) (Ger)
 [Role of thyrocalcitonin in osteogenesis] Briskin AI.
Ortop Travmatol Protez 34:69-71, Dec 73 (Rus)

SECRETION

- Ectopic hormone production by non-endocrine tumours. Rees LH, et al.
Clin Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)
 A short calcium infusion in the diagnosis of medullary thyroid carcinoma. Parthemore JG, et al.
J Clin Endocrinol Metab 39:108-11, Jul 74
 Proceedings: Stimulation of calcitonin secretion by strontium. Bates RF, et al.
J Physiol (Lond) 238:76P-78P, Apr 74
 Letter: Calcitonin and plasma-phosphate in Paget's disease. Kanis JA, et al. *Lancet* 1:987, 18 May 74
 Letter: Human calcitonin and serum-phosphate. Silva OL, et al. *Lancet* 1:1055, 25 May 74
 [Some endocrinological variations of calcium and phosphorus metabolism] Moor P de, et al.
Acta Clin Belg 28:312-22, 1973 (Eng. Abstr.) (Dut)
 [Morphology and function of thyrocytes and calcitonin cells (C-cells) in the rat. Serum analysis following injections of thyrotropic hormone, tocopherol, calcium chloride of phosphate] Bläher S.
Endokrinologie 62:327-49, 1973 (Eng. Abstr.) (Ger)
 [Oral manifestations of hypoparathyroidism] Raczew Z.
Czas Stomatol 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)

THERAPEUTIC USE

- The effects of calcitonin on the metabolic disturbances surrounding widespread bony metastases. Parsons V, et al. *Acta Endocrinol (Kbh)* 76:286-301, Jun 74
 Effectiveness of parathyroid hormone, calcitonin and phosphate on bone cells in Paget's disease. Bordier P, et al. *Am J Med* 56:850-7, Jun 74
 Response of Paget's disease to porcine and salmon calcitonins: effects of long-term treatment. DeRose J, et al. *Am J Med* 56:858-66, Jun 74
 Treatment of Paget's disease of bone with synthetic human calcitonin: biochemical and roentgenologic changes. Greenberg PB, et al.
Am J Med 56:867-70, Jun 74
 Letter: Hypercalcemia and neuromuscular disease. *Ann Intern Med* 81:128-9, Jul 74
 Letter: Calcitonin and plasma-phosphate in Paget's disease. Kanis JA, et al. *Lancet* 1:987, 18 May 74
 Letter: Calcitonin in steroid-induced osteoporosis. Palmieri GM, et al. *N Engl J Med* 290:1490-1, 27 Jun 74

- [Letter: Treatment of hypercalcemic hyperparathyroidism] Hesch RD.
Med Klin 69:714-5, 19 Apr 74 (Ger)
 [Drug therapy in acute hypercalcemia] Frey H.
Tidsskr Nor Laegeforen 94:847-8, 10 May 74 (Nor)
 [Role of thyrocalcitonin in osteogenesis] Briskin AI.
Ortop Travmatol Protez 34:69-71, Dec 73 (Rus)
 [Effectiveness of using thyrocalcitonin for the prevention of a calcium metabolic disorder in the mineralized tissues of rabbits with 30-day-old hypokinesia] Volozhin AI, et al.
Patol Fiziol Eksp Ter 10:42-6, May 74 (Eng. Abstr.) (Rus)

URINE

- Metabolic fate of human calcitonin in the dog. Clark MB, et al. *N Engl J Med* 291:199-210, 11 Jun 74

CALCIUM

METABOLISM

- Binding of calcium to a cell membrane-enriched preparation from pig myocardium: increase in calcium affinity upon membrane protein phosphorylation enhanced by a membrane-bound cyclic AMP-dependent protein kinase. Will H, et al.
Acta Biol Med Ger 31:45-52, 1973
 Calcium and stimulus-secretion coupling in the neurohypophysis. I. 45-Calcium transport and vasopressin release in slices from ox neurohypophyses stimulated electrically or by a high potassium concentration. Russell JT, et al.
Acta Endocrinol (Kbh) 76:449-70, Jul 74
 Calcium and stimulus-secretion coupling in the neurohypophysis. II. Effects of lanthanum, a verapamil analogue (D600) and prenylamine on 45-calcium transport and vasopressin release in isolated rat neurohypophyses. Russell JT, et al.
Acta Endocrinol (Kbh) 76:471-87, Jul 74
 Intestinal absorption of ⁴⁷Ca in patients with calcium renal stones. Odavić M, et al.
Acta Med Hung 28:123-33, 1974
 Effect of bicarbonate and phosphate on the adrenergic receptor response in human adipose tissue in vitro. Rosenqvist U. *Acta Med Scand* 195:345-50, May 74
 Serine neutral proteinase from *Bacillus pumilus* as metalloenzyme. Tran-Chau PT, et al.
Acta Microbiol Pol [B] 6:21-5, 1974
 Calcium and phosphorus content of transitional and mature human milk. Barltrop D, et al.
Acta Paediatr Scand 63:347-50, May 74
 Determination of ATP-induced ⁴⁵calcium uptake in rat mast cells. Dahlquist R.
Acta Pharmacol Toxicol (Kbh) 35:1-10, Jul 74
 Relationship of uptake of sodium and ⁴⁵calcium to ATP-induced histamine release from rat mast cells. Dahlquist R.
Acta Pharmacol Toxicol (Kbh) 35:11-22, Jul 74
 Effect of prolonged lithium ingestion on glucagon and parathyroid hormone responses in rats. Olesen OV, et al. *Acta Pharmacol Toxicol (Kbh)* 34:225-31, Apr 74
 Local anesthetics: effects on permeability properties of nodal membrane in myelinated nerve fibres from xenopus. Potential clamp experiments. Arhem P, et al. *Acta Physiol Scand* 91:11-21, May 74
 The release reaction. Stormorken H.
Acta Univ Carol [Med Monogr] (Praha) 53:65-8, 1972 (10 ref.)
 The membrane actions of tranquilizers in relation to neuroleptic-induced parkinsonism and tardive dyskinesia. Seeman P, et al.
Adv Biochem Psychopharmacol 9:137-48, 1974 (74 ref.)
 Effects of hydroxylated phenothiazine metabolites on rat brain mitochondria. Tijoe SA, et al.
Adv Biochem Psychopharmacol 9:603-16, 1974
 Drug-induced changes in cardiac energy. Fleckenstein A. *Adv Cardiol* 12:183-97, 1974 (23 ref.)
 Key note address: Present concepts about the myocardium. Korner PI.
Adv Cardiol 12:1-14, 1974 (61 ref.)
 Coupling calcium in mammalian myocardium: its source and control. Langer GA, et al.
Adv Cardiol 12:162-73, 1974 (21 ref.)
 Cardiac glycosides and contractility. Lüllmann H, et al.
Adv Cardiol 12:174-82, 1974 (11 ref.)
 Mucopolysaccharide-lipoprotein complexes in

- atherosclerotic aorta. Berenson GS, et al. *Adv Exp Med Biol* 43:141-59, 1974 (28 ref.)
- Hypouricemia, hypercalciuria and decreased bone density. A new hereditary syndrome. Sperling O, et al. *Adv Exp Med Biol* 41:717-21, 1974
- Arterial mesenchyme and arteriosclerosis. Studies on the conformation and interaction of elastin. Urry DW. *Adv Exp Med Biol* 43:211-43, 1974
- A recognition of the interrelationship of calcium with various dietary components. McBean LD, et al. *Am J Clin Nutr* 27:603-9, Jun 74 (47 ref.)
- Studies in calcium metabolism. I. The calciuretic effect of dietary protein. Margen S, et al. *Am J Clin Nutr* 27:584-9, Jun 74
- Recent studies on the chemistry of human, bovine and porcine parathyroid hormones. Brewer HB Jr, et al. *Am J Med* 56:759-66, Jun 74 (33 ref.)
- Short-term effects of 1,25-dihydroxycholecalciferol on disordered calcium metabolism of renal failure. Brickman AS, et al. *Am J Med* 57:28-33, Jul 74 (22 ref.)
- Third F. Raymond Keating, Jr., Memorial Symposium-parathyroid hormone, calcitonin and vitamin D: clinical considerations. II. Vitamin D-1973. DeLuca HF. *Am J Med* 57:1-12, Jul 74 (79 ref.)
- 1,25-dihydroxyvitamin D₃: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. *Am J Med* 57:21-7, Jul 74 (43 ref.)
- Metabolic and clinical effects of pure crystalline 1 alpha-hydroxyvitamin D₃ and 1 alpha,25-dihydroxyvitamin D₃. Studies of intestinal calcium transport, renal tubular function and bone metabolism. Pechet MM, et al. *Am J Med* 57:13-20, Jul 74 (31 ref.)
- Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)
- Pituitary 45 Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al. *Am J Physiol* 226:1315-20, Jun 74
- Correlations between electrolyte content and spontaneous electrical activity in intestinal muscle. Job DD, et al. *Am J Physiol* 226:1502-9, Jun 74
- Correlations between ionic contents in different regions and layers of intestinal muscles. Job DD, et al. *Am J Physiol* 226:1496-501, Jun 74
- Effect of divalent cations on ACh contractures of depolarized denervated rat muscles. Lorković H. *Am J Physiol* 226:1286-92, Jun 74
- Enzymatic activity and divalent cation content of pancreatic juice. Sullivan JF, et al. *Am J Physiol* 226:1420-3, Jun 74
- In vivo calcium transport by rat small intestine after massive small bowel resection. Urban E, et al. *Am J Physiol* 226:1304-8, Jun 74
- Review of roentgenographic bone demineralization studies of the Gemini space flights. Vose GP. *Am J Roentgenol Radium Ther Nucl Med* 121:1-4, May 74
- Villous adenoma: the premalignant dilemma. Richardson JD, et al. *Am Surg* 40:406-12, Jul 74
- Letter: Calcium-binding protein in hypophosphatemic osteomalacia. Lender M, et al. *Ann Intern Med* 81:120, Jul 74
- Structural aspects of energy conversion in muscle. Huxley HE. *Ann NY Acad Sci* 227:500-3, 18 Feb 74
- Structural components of the sarcoplasmic reticulum membrane. MacLennan DH, et al. *Ann NY Acad Sci* 227:527-36, 18 Feb 74
- Elementary processes in the hydrolysis of ATP by sarcoplasmic reticulum membranes. Martonosi A, et al. *Ann NY Acad Sci* 227:549-67, 18 Feb 74
- Properties and function of proteins in excitable membranes: an integral model of nerve excitability. Nachmansohn D, et al. *Ann NY Acad Sci* 227:275-84, 18 Feb 74
- Energy transduction in the nerve membrane and studies of excitation processes with extrinsic fluorescence probes. Tasaki I. *Ann NY Acad Sci* 227:247-67, 18 Feb 74
- Distribution of enzymes of glycogen metabolism and calcium uptake in skeletal muscle. Bailey PJ, et al. *Arch Biochem Biophys* 161:592-600, 2 Apr 74
- Physical properties of biological membranes determined by the fluorescence of the calcium ionophore A23187. Case GD, et al. *Arch Biochem Biophys* 162:174-85, May 74
- Ionophoric actions of avenacloide on mitochondrial cations. Harris EJ, et al. *Arch Biochem Biophys* 162:426-35, Jun 74
- On the isometric equation of the sarcomere. Lewi PJ, et al. *Basic Res Cardiol* 69:21-31, Jan-Feb 74
- The rôle of surface phenomena in intravascular thrombosis. Sawyer PN, et al. *Bibl Anat* 12:106-19, 1973 (39 ref.)
- Mitochondrial "high-affinity" binding sites for Ca²⁺ - fact or artefact? Akerman KE, et al. *Biochem Biophys Res Commun* 58:801-7, 4 Jun 74
- Fluorescent Ca²⁺ analogs in nerve: rare-earth ions. Axelrod D, et al. *Biochem Biophys Res Commun* 57:927-33, 8 Apr 74
- Antisickling effects of zinc. Brewer GJ, et al. *Biochem Biophys Res Commun* 58:854-61, 4 Jun 74
- Phosphate carrier of liver mitochondria: two equivalent SH-groups in the carrier unit. Fonyó A. *Biochem Biophys Res Commun* 57:1069-73, 23 Apr 74
- Generation of parvalbumin-like proteins from troponin. Heizmann CW, et al. *Biochem Biophys Res Commun* 57:162-8, 15 Mar 74
- Effect of X537A on the release of amino acids in retina. Pasantes-Morales H, et al. *Biochem Biophys Res Commun* 58:847-53, 4 Jun 74
- The cause of superstoichiometric Ca²⁺ uptake and H⁺ ejection in L1210 mouse ascites tumor mitochondria. Reynafarje B, et al. *Biochem Biophys Res Commun* 57:286-92, 15 Mar 74
- Action of Solanum malacoxylon on calcium metabolism in the rat. Uribe A, et al. *Biochem Biophys Res Commun* 58:257-62, 7 May 74
- Beta-bungarotoxin inhibition of calcium accumulation by rat brain mitochondria. Wagner GM, et al. *Biochem Biophys Res Commun* 58:475-81, 20 May 74
- Calcium transport in the early conceptus and associated maternal tissues in the rabbit. McIntosh JE, et al. *Biochem J* 138:97-105, Jan 74
- Chemical composition, affinity for calcium, and some related properties of the vitamin D dependent calcium-binding protein. Bredderman PJ, et al. *Biochemistry* 13:1687-94, 9 Apr 74
- Theory of sedimentation for kinetically controlled dimerization reactions. Cann JR, et al. *Biochemistry* 13:1868-74, 23 Apr 74
- Binding of lanthanides and of divalent metal ions to porcine trypsin. Epstein M, et al. *Biochemistry* 13:1777-82, 9 Apr 74
- Binding of lanthanide ions to thermolysin. Matthews BW, et al. *Biochemistry* 13:1719-25, 9 Apr 74
- Characterization of an additional protein in pancreatic juice of men with chronic calcifying pancreatitis. Identification to lactoferrin. Colomb E, et al. *Biochim Biophys Acta* 342:306-12, 11 Apr 74
- Adenylate cyclase in a sea anemone. Implication for chemoreception. Gentleman S, et al. *Biochim Biophys Acta* 343:469-79, 24 May 74
- The electromechanochemical model for energy coupling in mitochondria. Green DE. *Biochim Biophys Acta* 346:27-78, 30 Apr 74 (165 ref.)
- Study of the mitochondrial phosphate carrier in the course of calcium phosphate accumulation: a requirement for Mg²⁺ and ADP of its sensitivity to thiol reagents. Leblanc P, et al. *Biochim Biophys Acta* 347:193-201, 22 May 74
- Letter: Biochemical basis of malignant hyperpyrexia. Bowers E. *Br Med J* 2:614, 15 Jun 74
- Biochemical basis of malignant hyperpyrexia. Moulds RF, et al. *Br Med J* 2:241-4, 4 May 74
- Calcium-dependent release of (14C)GABA from vinblastine and colchicine treated synaptosomes. Redburn DA, et al. *Brain Res* 73:550-7, 28 Jun 74
- Effect of salmon calcitonin on in vivo calcium absorption in rats. Cramer CF. *Calcif Tissue Res* 13:169-72, 23 Oct 73
- Fluoride, parathyroid hormone and calcitonin: inter-relationships in bone calcium metabolism. Messer HH, et al. *Calcif Tissue Res* 13:217-24, 23 Oct 73
- Effects of cortisone on bone metabolism in intact and thyroidectomized rabbits. Thompson JS, et al. *Calcif Tissue Res* 13:197-215, 23 Oct 73
- Effect of actinomycin D on vitamin D-mediated uptake of 45Ca by intestinal slices. Ziporin ZZ, et al. *Calcif Tissue Res* 13:187-96, 23 Oct 73
- Action of light on *Micrococcus roseus*. Schwartzel EH, et al. *Can J Microbiol* 20:1015-21, Jul 74
- Comparison of dihydrotachysterol and 5,6-trans vitamin D₃ on intestinal calcium absorption in patients with chronic renal failure. Gagnon R, et al. *Can J Physiol Pharmacol* 52:272-4, Apr 74
- The comparative in vitro release of calcium from dried and defatted eel and rat bone fragments, and its possible significance to calcium homeostasis in teleosts. Fenwick JC. *Can J Zool* 52:755-64, Jun 74
- Prevention of hemolysis induced by ellipticine

- (NSC-71795) in rhesus monkeys. Herman EH, et al. *Cancer Chemother Rep* 58:171-9, Mar-Apr 74
- Sucrose and the role of saccharates in enamel caries. Tatevossian A, et al. *Caries Res* 8:317-30, 1974
- Isotope studies on the uptake and release of ions by dental enamel. Tetteh GK. *Caries Res* 8:224-33, 1974
- The inotropic effects of the calcium ionophore X-537A in the anesthetized dog. De Guzman NT, et al. *Circulation* 49:1072-7, Jun 74
- Simultaneous measurement of Na, K, Ca, Mg, Cu and Zn balances in man. Hartley TF, et al. *Clin Chim Acta* 52:321-33, 17 May 74
- The isolation and partial characterization of membranes from dystrophic and normal muscle. Boegman RJ. *Comp Biochem Physiol [A]* 48:237-44, 1 Jun 74
- Interactions of Ca, P, Zn and alkaline phosphatase in the chick. 3. Effects of dietary phosphate, NaCl and theophylline. McCuaig LW, et al. *Comp Biochem Physiol [A]* 48:663-74, 1 Aug 74
- Amounts of inorganic ions and free amino acids in hemolymph and ganglion of the African giant snail, *Achatina fulica* Ferussac. Matsumoto M, et al. *Comp Biochem Physiol [A]* 48:465-70, 1 Jul 74
- Seasonal changes in calcium, magnesium, copper and zinc content in the liver of the common frog, *Rana temporaria* L. Pasanen S, et al. *Comp Biochem Physiol [A]* 48:27-36, 1 May 74
- Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I. *Curr Top Exp Endocrinol* 2:179-93, 1974 (57 ref.)
- Subcellular distributions of catalase in rat skeletal muscle. Stauber WT, et al. *Cytobios* 9:83-7, 1974
- Anticonvulsants and calcium metabolism. Bowden AN. *Dev Med Child Neurol* 16:214-6, Apr 74
- Influence of lactose intolerance on the bones of patients after partial gastrectomy. Kocián J, et al. *Dev Psychobiol* 8:324-35, 1973
- Embryonic chick intestine in organ culture: Interaction of adenylate cyclase system and vitamin D3-mediated calcium absorptive mechanism. Corradino RA. *Endocrinology* 94:1607-14, Jun 74
- An animal model for the ketogenic diet. Appleton DB, et al. *Epilepsia* 15:211-27, Jun 74
- Hypotrophic type I muscle fibres with central nuclei, and central myofibrillar lysis preferentially involving type II fibres. Radu H, et al. *Eur Neurol* 11:108-27, 1974
- Effect of PGE2 on the turnover of calcium in rat uterus. Villani F, et al. *Experientia* 30:532-4, 15 May 74
- Hyperoxaluria in patients with ileal resection: an abnormality in dietary oxalate absorption. Earnest DL, et al. *Gastroenterology* 66:1114-22, Jun 74
- Influence of altered states of calcium homeostasis on insulin secretion in rats and rabbits. Pento JT, et al. *Horm Metab Res* 6:177-80, May 74
- Effect of vitamin A deficiency on several bone parameters in chicks. Havivi E, et al. *Int J Vitam Nutr Res* 44:8-13, 1974
- A review: the importance of nutrition in oral health. McBean LD, et al. *J Am Dent Assoc* 89:109-14, Jul 74
- Reaction mechanism of the Ca2+ plus-dependent ATPase of sarcoplasmic reticulum from skeletal muscle. X. Direct evidence for Ca2+ plus translocation coupled with formation of a phosphorylated intermediate. Sumida M, et al. *J Biochem (Tokyo)* 75:283-97, Feb 74
- Rhodamine 6G. A potent inhibitor of mitochondrial oxidative phosphorylation. Gear AR. *J Biol Chem* 249:3628-37, 10 Jun 74
- Biochemical and ultrastructural aspects of Ca2+ transport by mitochondria of the hepatopancreas of the blue crab *Callinectes sapidus*. Chen CH, et al. *J Cell Biol* 61:301-15, May 74
- The calcium binding sites of synaptic vesicles of the frog sartorius neuromuscular junction. Poltloff AL, et al. *J Cell Biol* 61:818-23, Jun 74
- Electron microscopy and electron probe analysis of mitochondrial cation accumulation in smooth muscle. Somlyo AP, et al. *J Cell Biol* 61:723-42, Jun 74
- Studies on the surface of chick blastoderm cells. 3. Calcium binding to ionogenic sites. Harris HL, et al. *J Cell Physiol* 83:359-68, Jun 74
- Localization of calcium in the smooth endoplasmic reticulum of rat isolated fat cells. Hales CN, et al. *J Cell Sci* 15:1-15, Jun 74
- Increased adenosine triphosphatase in leukocytes of asthmatic children. Coffey RG, et al. *J Clin Invest* 54:138-46, Jul 74
- Calcitonin and intestinal calcium absorption. Swaminathan R, et al. *J Endocrinol* 61:83-94, Apr 74
- Mediation of immunologic discharge of lysosomal enzymes from human neutrophils by guanosine 3',5'-monophosphate. Requirement of calcium, and inhibition by adenosine 3',5'-monophosphate. Ignarro LJ, et al. *J Exp Med* 140:225-38, 1 Jul 74
- Calcium-binding properties and ATPase activities of rat liver plasma membranes. Chambaut AM, et al. *J Gen Physiol* 64:104-26, Jul 74
- The effect of cholera enterotoxin on steroidogenesis in cultured adrenal tumor cells. Wishnow RM, et al. *J Infect Dis* 129:690-5, Jun 74
- Kinetic studies of calcium movements in intestinal cells: effects of vitamin D deficiency and treatment. Borle AB. *J Membr Biol* 16:207-20, 1974
- Calcium-binding of synaptosomes isolated from rat brain cortex. I. Effects of high external potassium ions. Kamino K, et al. *J Membr Biol* 17:13-26, 1974
- Interaction of ruthenium red with isolated sarcolemma. Madelra VM, et al. *J Membr Biol* 17:41-50, 1974
- Calcium metabolism and active tension in mechanically disaggregated heart muscle. Bloom S, et al. *J Mol Cell Cardiol* 6:137-47, Apr 74
- Editorial: Membrane electrical activity and double component contraction in cardiac tissue. Coraboeuf E. *J Mol Cell Cardiol* 6:215-25, Jun 74 (76 ref.)
- Intracellular calcium and myocardial contractility. V. Calcium uptake of sarcoplasmic reticulum fractions in hypertrophied and failing rabbit hearts. Ito Y, et al. *J Mol Cell Cardiol* 6:237-47, Jun 74
- Ionic effects of glycerol removal in cardiac muscle. Katzung BG, et al. *J Mol Cell Cardiol* 6:179-85, Apr 74
- Cation exchange in heart cell culture: correlation with effects on contractile force. Langer GA, et al. *J Mol Cell Cardiol* 6:149-61, Apr 74
- Water and electrolyte alterations during the life course of the BIO 14.6 Syrian golden hamster. A disease model of a hereditary cardiomyopathy. Lossnitzer K, et al. *J Mol Cell Cardiol* 6:163-77, Apr 74
- Some chemical and electrophysiological effects of glutamate in cerebral cortex. Kaczmarek LK, et al. *J Neurobiol* 5:231-41, 1974
- Effect of stress on the uptake of radiolabelled calcium in the pituitary gland and the brain of the rat. Sabbot I, et al. *J Neurochem* 22:731-4, May 74
- A rapid method for measurement of fractional intestinal absorption of calcium. Chanard J, et al. *J Nucl Med* 15:588-92, Jul 74
- Availability of zinc from pea seeds to rats. Welch RM, et al. *J Nutr* 104:733-40, Jun 74
- Effect of dietary sulfur on taurine excretion by the rat. Whittle B, et al. *J Nutr* 104:666-70, Jun 74
- Binding proteins for 1,25-dihydroxycholecalciferol and 25-hydroxycholecalciferol. Oku T, et al. *J Nutr Sci Vitaminol (Tokyo)* 20:9-25, Feb 74
- Potential of yttrium-aluminum-garnet laser in caries prevention. Yamamoto H, et al. *J Oral Pathol* 3:7-15, 1974
- Bioavailability of aminosulleylic acid and its various salts in humans. 3. Absorption from tablets. Wan SH, et al. *J Pharm Sci* 63:708-11, May 74
- Structural aspects of the effect of ethyl aminobenzoates on caffeine contracture. Friedman HA, et al. *J Pharmacol Exp Ther* 189:423-33, May 74
- Proceedings: The use of a Thiry Vella loop of jejunum to measure calcium absorption rate in conscious pigs. Fox J, et al. *J Physiol (Lond)* 238:3P-4P, Apr 74
- Proceedings: The inhibitory effect of pentagastrin on intestinal calcium absorption. Swaminathan R. *J Physiol (Lond)* 238:75P-76P, Apr 74
- Proceedings: 243. Effects on Ca2+-binding of isolated synaptosomes of Mg2+ and La3+. Uesaka N, et al. *J Physiol Soc Jap* 35:484, Aug-Sep 73
- Early alterations in mitochondrial membrane transport during endotoxemia. Nicholas GG, et al. *J Surg Res* 16:375-83, Apr 74
- The demonstration of energy dependence of the isoproterenol-induced transcellular Ca2+ current in isolated perfused guinea pig hearts—an explanation for mechanical failure of ischemic myocardium. Schneider JA, et al. *J Surg Res* 16:389-403, Apr 74
- Interactions of troponin subunits with different forms of tropomyosin. Yamaguchi M, et al. *J Ultrastruct Res* 48:33-58, Jul 74
- Proceedings: ATPase activity and Ca++ binding ability of subcellular membrane of arterial smooth muscle in spontaneously hypertensive rat. Aoki K, et al. *Jap Heart J* 15:180-1, Mar 74
- Proceedings: Studies on binding of Ca++ with the synaptic plasma membrane. Ichida S, et al. *Jap J Pharmacol* 24:Suppl:117, 1974

- Proceedings: Studies on metabolism of dextran sulfates. 7. Consideration on the mechanism of increased calcium content in rat liver induced by dextran sulphates. Kagawa K, et al. *Jap J Pharmacol* 24:Suppl:83, 1974
- Proceedings: Influence of quinoline derivatives on calcium binding and release by skeletal muscle sarcoplasmic reticulum. Mayahara T, et al. *Jap J Pharmacol* 24:Suppl:113, 1974
- Proceedings: Inhibition of K-induced contracture and Ca movement in guinea pig taenia coli by caffeine. Nasu T, et al. *Jap J Pharmacol* 24:Suppl:148, 1974
- Proceedings: Heavy metal poisoning and antidotes. Ogawa E. *Jap J Pharmacol* 24:Suppl:17, 1974
- Proceedings: Studies on the toxicity of drugs. XII. Toxicity of cadmium. Tamura T, et al. *Jap J Pharmacol* 24:Suppl:43, 1974
- Proceedings: The effects of some drugs on the Ca++-uptake by microsomal fraction from guinea pig taenia coli. Tomiyama A, et al. *Jap J Pharmacol* 24:Suppl:144, 1974
- Hyperparathyroidism and renal failure. Arnaud CD. *Kidney Int* 4:89-95, Aug 73 (56 ref.)
- Editorial: Vitamin D, the kidney and calcium homeostasis. Avioli LV. *Kidney Int* 2:241-6, Nov 72 (62 ref.)
- Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. *Kidney Int* 4:161-7, Aug 73 (73 ref.)
- Study of intestinal absorption of calcium in patients with renal failure. Coburn JW, et al. *Kidney Int* 3:284-72, Apr 73
- Perfusion of an isolated jejunal loop in uremic rats: Effect of sodium deoxycholate. Ganeval D, et al. *Kidney Int* 3:222-9, Apr 73
- Decreased phosphate reabsorption by volume expansion in the dog. Hebert CS, et al. *Kidney Int* 2:247-52, Nov 72
- Pathways of complement activation in glomerulonephritis. Holland NH, et al. *Kidney Int* 1:106-14, Feb 72
- Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. *Kidney Int* 4:73-9, Aug 73 (53 ref.)
- Role of diet, gastrointestinal tract and bone in acid-base homeostasis. Lemann J Jr, et al. *Kidney Int* 1:275-9, May 72 (26 ref.)
- Divalent ions in renal failure. Introduction. Massary SG. *Kidney Int* 4:71-2, Aug 73
- The effects of acid-base disturbances on cardiovascular and pulmonary function. Mitchell JH, et al. *Kidney Int* 1:375-89, May 72 (104 ref.)
- Renal handling of calcium and phosphate during mineralocorticoid "escape" in man. Rastegar A, et al. *Kidney Int* 2:279-86, Nov 72
- Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. Welsbrode SE, et al. *Lab Invest* 30:786-94, Jun 74
- Lability of skeletal muscle magnesium in vivo. A study in red and white muscle. Chutkow JG. *Mayo Clin Proc* 49:448-54, Jul 74
- Proceedings: Effect of vitamin D and its metabolites on bone in tissue culture. Atkins D, et al. *N Engl J Med* 291:1xxixlxxx, 11 Jun 74
- Letter: Parathyroid hormone secretion in X-linked hypophosphatemia. Glorieux FH, et al. *N Engl J Med* 290:1329-30, 6 Jun 74
- Letter: Calcium oxalate urinary-tract stones in patient's on maintenance dialysis. Oreopoulos DG, et al. *N Engl J Med* 290:1438-9, 20 Jun 74
- Proceedings: Steroid involvement in calcification of the invertebrate exoskeleton. Whitehead DL. *N Engl J Med* 291:77-8, 11 Jun 74
- Calcium uptake by sarcoplasmic reticulum of muscle from vitamin D-deficient rabbits. Curry OB, et al. *Nature* 249:83-4, 3 May 74
- Platelet secretion induced by divalent cation ionophores. Feinman RD, et al. *Nature* 249:172-3, 10 May 74
- Muscular contraction and cell motility. Huxley HE. *Nature* 243:445-9, 22 Jun 73 (80 ref.)
- Role of myosin light chains in calcium regulation. Kendrick-Jones J. *Nature* 249:631-4, 14 Jun 74
- Vasopressin release from the isolated neurohypophysis induced by a calcium ionophore, X-537A. Nakazato Y, et al. *Nature* 249:479-81, 31 May 74
- Effect of intracellular lithium on snail neurones. Partridge LD, et al. *Nature* 249:578-80, 7 Jun 74
- Positive chronotropic effect of ouabain in the excised and blood-perfused canine SA node preparation of the dog. Hashimoto K, et al. *Naunyn Schmiedeberg Arch Pharmacol* 281:357-70, 26 Feb 74
- The influence of dietary intake on endogenous acid production. Theoretical and experimental background. Chan JC. *Nutr Metab* 16:1-9, 1974 (18 ref.)
- Protein nutrition and calcium absorption. Shenolikar IS. *Nutr Metab* 16:10-4, 1974
- Cellular lipoproteins, calcium and magnesium in Novikoff hepatoma, liver of tumor-bearing and liver of normal rats. Anghileri LJ. *Oncology* 29:152-65, 1974
- The use of Ca-EGTA in measurements of 45Ca efflux from smooth muscle. Breemen C van, et al. *Pfluegers Arch* 348:239-45, 22 Apr 74
- Comparison of the effects of the prostaglandins A1, E2, and F2alpha on kidney function in dogs. Fülgraff G, et al. *Pfluegers Arch* 349:9-17, 24 May 74
- Biological activity of 1alpha-hydroxycholecalciferol, a synthetic analog of the hormonal form of vitamin D3. Haussler MR, et al. *Proc Natl Acad Sci USA* 70:2248-52, Aug 73
- Light-dependent redistribution of ions in suspensions of chloroplast thylakoid membranes. Hind G, et al. *Proc Natl Acad Sci USA* 71:1484-8, Apr 74
- Role of phosphate and other proton-donating anions in respiration-coupled transport of Ca2+ by mitochondria. Lehninger AL. *Proc Natl Acad Sci USA* 71:1520-4, Apr 74
- Activation of sea-urchin eggs by a calcium ionophore. Steinhardt RA, et al. *Proc Natl Acad Sci USA* 71:1915-9, May 74
- Role of 1,25-dihydroxyvitamin D3 in maintaining serum phosphorus and curing rickets. Tanaka Y, et al. *Proc Natl Acad Sci USA* 71:1040-4, Apr 74
- Agglutination of jelly coat and cortical granule components and the block to polyspermy in the amphibian *Xenopus laevis*. Wyrick RE, et al. *Proc Natl Acad Sci USA* 71:2067-71, May 74
- Gnotobiotic animals in nutrition research. Coates ME. *Proc Nutr Soc* 32:53-8, Sep 73 (27 ref.)
- Comparison of magnesium deficiency in the rat and mouse. Alcock NW, et al. *Proc Soc Exp Biol Med* 146:137-41, May 74
- Electrolyte transport across the mouse small intestine. Chang LR, et al. *Proc Soc Exp Biol Med* 145:1220-4, Apr 74
- Unrupted dentition secondary to congenital osteopetrosis in the Osborne-Mendel rat. Cotton WR, et al. *Proc Soc Exp Biol Med* 146:554-61, Jun 74
- Effects of dietary vitamin D levels on the in vitro mineralization of chick metaphyses. Crenshaw MA, et al. *Proc Soc Exp Biol Med* 146:488-93, Jun 74
- Effect of acute ethanol administration on duodenal calcium transport. Krawitt EL. *Proc Soc Exp Biol Med* 146:406-8, Jun 74
- Changes in response to calcitonin following prolonged administration to intact rats. Messer HH, et al. *Proc Soc Exp Biol Med* 146:643-7, Jun 74
- Chemical composition of atherosclerotic lesions of aortas from pigeons with naturally occurring or cholesterol-aggravated atherosclerosis. St. Clair RW, et al. *Proc Soc Exp Biol Med* 146:1-7, May 74
- Calcium and phosphate metabolism and the bone. Morgan DB. *Prog Surg* 10:24-75, 1972 (111 ref.)
- Effects of delta9-tetrahydrocannabinol on body weight and brain electrolytes in the chicken. Abel EL, et al. *Psychopharmacologia* 35:335-9, 9 Mar 74
- Unresponsiveness of exocrine rat pancreas to calcemic challenges (hypercalcemia, EDTA hypocalcemia or calcitonin administration) which influence stomach function. Ziegler R, et al. *Res Exp Med (Berl)* 162:347-50, 1974
- Trypsin as a potent activator of immune phagocytosis by macrophages. Lima AO, et al. *Rev Bras Pesqui Med Biol* 6:387-92, Nov-Dec 73
- Postmenopausal osteoporosis. Pathogenesis and the mode of action of hormone therapy. Holló I. *Ther Hung* 20:123-6 passim, 1972
- Metamorphosis of midgut epithelial cells in the silkworm (*Bombyx mori* L.) with special regard to the calcium salt deposits in the cytoplasm. II. Electron microscopy. Waku Y, et al. *Tissue Cell* 6:127-36, 1974
- Nephrolithiasis following intestinal bypass for obesity. Mobley JE, et al. *Urology* 3:639-41, May 74
- Recent advances in the pathophysiology of the parathyroid glands. Moor P de, et al. *Verh K Vlaam Acad Geneesk Belg* 36:106-34, 1974
- Metabolism and action of the hormone vitamin D. Its

- relation to diseases of calcium homeostasis. Coburn JW, et al. *West J Med* 121:22-44, Jul 74 (212 ref.)
- [Citric acid and hyperparathyroidism. Preliminary report] Uhlir K, et al.
- Bratisl Lek Listy* 61:436-41, 1974 (Eng. Abstr.) (Cze)
- [Dentinoenamel junction in various areas of the tooth crown] Bureš H, et al.
- Cesk Stomatol* 74:161-6, May 74 (Eng. Abstr.) (Cze)
- [Existence and thermostability of calcium binding proteins in intestinal and gill mucosae of different teleost fishes] Chartier Baraduc MM.
- C R Acad Sci [D] (Paris)* 276:785-8, 29 Jan 73 (Fre)
- [Demonstration of a zone adapted to ionic transport in the intestine of the common carp (*Cyprinus carpio* L.)] Noailiac-Depeyre J, et al.
- C R Acad Sci [D] (Paris)* 276:773-6, 29 Jan 73 (Fre)
- [Effect of humanized cow milk uperization on nitrogen, phosphocalcium and potassium balance in the newborn infant] Pelet B, et al.
- Helv Paediatr Acta* 29:35-41, Apr 74 (Eng. Abstr.) (Fre)
- [Molecular specificity and activity of carbohydrates on calcium absorption] Fournier P, et al.
- J Physiol (Paris)* 66:473-7, 1973 (Eng. Abstr.) (Fre)
- [Investigations of the skeleton with radioisotopes (author's transl)] Donath A.
- Radiol Clin Biol* 43:378-84, 1974 (Eng. Abstr.) (Fre)
- [Effect of parathyroid extract on phosphorus-calcium regulation in the young rat with phosphate deficiency] Denis G, et al.
- Union Med Can* 102:1286-9, Jun 73 (Eng. Abstr.) (Fre)
- [Changes in the restitution of the contraction by calcium and double stimulation on the rat's myocardium] Günther J, et al.
- Acta Biol Med Ger* 31:759-62, 1973 (Eng. Abstr.) (Ger)
- [Interaction of ^{47}Ca , ^{85}Sr , ^{133}Ba and ^{226}Ra with serum proteins (author's transl)] Berg D, et al.
- Biophysik* 10:309-19, 1973 (Eng. Abstr.) (Ger)
- [The effect of diphenylhydantoin on exocrine pancreatic function (author's transl)] Heldbreder E, et al.
- Dtsch Med Wochenschr* 99:958-60, May 74 (Eng. Abstr.) (Ger)
- [Letter: Arteriosclerosis due to therapy with calcium?] Kuhlencordt F.
- Dtsch Med Wochenschr* 99:850, 19 Apr 74 (Ger)
- [The lipotropins (author's transl)] Schwandt P.
- Klin Wochenschr* 52:153-65, 15 Feb 74 (105 ref.) (Eng. Abstr.) (Ger)
- [Therapy of terminal renal insufficiency] Hallauer W.
- Med Klin* 69:561-73, 5 Apr 74 (40 ref.) (Ger)
- [Behavior of ionized calcium and parathormone in chronic renal insufficiency before and during hemolysis] Hermesmeier M, et al.
- Med Welt* 25:936-8, 24 May 74 (Ger)
- [5-ht-induced relaxation and cyclic AMP in a molluscan smooth muscle (author's transl)] Achazi RK, et al.
- Pfluegers Arch* 349:19-27, 24 May 74 (Ger)
- [Calcium metabolism in hyperthyroidism] Montz R, et al.
- Radiologie* 14:166-72, Apr 74 (Ger)
- [Osteopathy in long-term hemodialysis (morphometric, physical-chemical and electron microscopic studies)] Delling G, et al.
- Verh Dtsch Ges Rheumatol* 3:176-7, 1974 (Ger)
- [Problems of soft calcifications from the viewpoint of internal medicine] Kruse HP.
- Verh Dtsch Ges Rheumatol* 3:169-70, 1974 (Eng. Abstr.) (Ger)
- [Current aspects of clinical osteology from the viewpoint of medicine] Kuhlencordt F.
- Verh Dtsch Ges Rheumatol* 3:98-105, 1974 (Ger)
- [Nuclear medicine aspects of clinical osteology] Schneider C.
- Verh Dtsch Ges Rheumatol* 3:112-7, 1974 (Ger)
- [Current concepts on the pathogenesis of mucoviscidosis] Böhme B.
- Z Aerzt Fortbild (Jena)* 68:209-11, 15 Feb 74 (Ger)
- [Experimental studies of anthelmintics. 21. Pharmacological studies of 1-(2-(dodecyloxy)ethyl) pyrrolidine hydrochloride (DEP) on ascaris lumbricoideassuum] Kunitomo M, et al.
- Folia Pharmacol Jap* 69:571-81, Jul 73 (Eng. Abstr.) (Jap)
- [Calcification in bacteria] Takazoe I.
- Jap J Bacteriol* 28:489-97, Nov 73 (37 ref.) (Jap)
- [Biochemical diagnosis in hypercalcemia] Jorgensen H.
- Tidsskr Nor Lægeforen* 94:1126-31, 20 Jun 74 (Nor)
- [Oral manifestations of hypoparathyroidism] Raczew Z.
- Czas Stomatol* 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)
- [Vitamin D as a hormone] Michajlik A.
- Wlad Lek* 27:195-6, 15 Jan 74 (Pol)
- [The effect of psychostimulators on the concentration of Ca and Mg ions in different regions of the rat brain] Absava GI.
- Farmakol Toksikol* 36:176-9, Mar-Apr 73 (Eng. Abstr.) (Rus)
- [Role of thyrocalcitonin in osteogenesis] Briskin AI.
- Ortop Travmatol Protez* 34:69-71, Dec 73 (Rus)
- [Effectiveness of using thyrocalcitonin for the prevention of a calcium metabolic disorder in the mineralized tissues of rabbits with 30-day-old hypokinesia] Volozhin AI, et al.
- Patol Fiziol Eksp Ter* 10:42-6, May 74 (Eng. Abstr.) (Rus)
- [Some indices of energy metabolism in the tissues of mice with progressive muscular dystrophy under the action of ubiquinone] Monakhov NK, et al.
- Vopr Med Khim* 20:276-84, May 74 (Eng. Abstr.) (Rus)
- [Effect of trace element composition of animal feed on the phosphorus-calcium metabolism in growing animals] Vorob'eva AM.
- Vopr Pitani* 33:62-3, May-Jun 74 (Eng. Abstr.) (Rus)
- [Changes in joints during the hemo- and peritoneal dialysis] Pačić I, et al.
- Med Arh* 28:Suppl:41-3, Jan 74 (Ser)
- [Calcitonin and phosphates in osteoporosis: experimental principles] Garrido M, et al.
- Rev Iber Endocrinol* 21:113-25, Mar-Apr 74 (Eng. Abstr.) (Spa)
- [Effect of a modification of sarcolemma sulfhydryl groups on the activity of Ca^{2+} - and Mg^{2+} -dependent ATPases] Gimmel'reikh NG, et al.
- Ukr Biokhim Zh* 45:587-94, Sep-Oct 73 (Eng. Abstr.) (Ukr)
- [Relationship between the chemical structure of surface-active agents and their capacity to activate Mg^{2+} plus, Na^{+} plus, K^{+} plus-ATPase in the brain] Iaroshenko NA, et al.
- Ukr Biokhim Zh* 46:307-11, May-Jun 74 (Eng. Abstr.) (Ukr)
- [Nucleotide hydrolytic activity of the synaptic vesicles and the effect on ATPase of sulfhydryl reagents] Kharchenko NK, et al.
- Ukr Biokhim Zh* 45:581-6, Sep-Oct 73 (Eng. Abstr.) (Ukr)
- [Study of the interaction of surface-active substances with the membranous structures of the brain and their Mg^{2+} plus, Na^{+} plus, K^{+} plus-ATPase activity] Kirsenko OV, et al.
- Ukr Biokhim Zh* 46:300-6, May-Jun 74 (Eng. Abstr.) (Ukr)
- [The effect of $\text{N,N}'$ -dicyclohexylcarbodiimide on the Ca^{2+} transport enzyme system of muscle microsome fractions] Kudinov SO, et al.
- Ukr Biokhim Zh* 46:162-7, Mar-Apr 74 (Eng. Abstr.) (Ukr)

CHOLECALCIFEROL

- Subcellular location of rat liver calciferol-25-hydroxylase. Bhattacharyya MH, et al.
- Arch Biochem Biophys* 160:58-62, Jan 74
- Vitamin D3 metabolites. 3. Synthesis and X-ray analysis of 1 α ,25-dihydroxycholesterol. Narwid TA, et al.
- Helv Chim Acta* 57:781-9, 27 Apr 74
- Vitamin D3 metabolites. II. Further syntheses of 25-hydroxycholesterol. Narwid TA, et al.
- Helv Chim Acta* 57:771-81, 27 Apr 74
- Vitamin D3 metabolites. I. Synthesis of 25-hydroxycholesterol. Partridge JJ, et al.
- Helv Chim Acta* 57:764-71, 27 Apr 74

ADMINISTRATION & DOSAGE

- 1,25-dihydroxyvitamin D3: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. *Am J Med* 57:21-7, Jul 74 (43 ref.)
- Effects of cholecalciferol on bone formation and serum calcium, phosphate and magnesium in chicks. Ramp WK, et al. *J Nutr* 104:803-9, Jul 74
- [Craniofacial--induced by excessive dose of vitamin D] Bognár I, et al. *Orv Hetil* 115:1234-5, 26 May 74 (Hun)

ADVERSE EFFECTS

- [Hypercalciuria--nephrocalcinosis-- and calcium calculi of the kidney. Differential diagnosis and clinical

PARATHYROID AND BONE

aspects of pathological renal calcium transport]
Heidbreder E, et al.
Dtsch Med Wochenschr 99:586-590, 22 Mar 74 (29 ref.)
(Ger)

[Craniofacial--induced by excessive dose of vitamin D]
Bognár I, et al. Orv Hetil 115:1234-5, 26 May 74 (Hun)

ANALYSIS

A rapid assay for 25-OH-vitamin D3 without preparative chromatography. Belsey RE, et al.
J Clin Endocrinol Metab 38:1048-51, Jun 74
[Determination of certain sterols--products of vitamin D3 synthesis--by means of thin-layer chromatography] Kurchenko LK, et al.
Ukr Biokhim Zh 46:398-402, May-Jun 74 (Eng. Abstr.)
(Ukr)

BIOSYNTHESIS

[Metabolism and mechanism of vitamin D] Pietrek J.
Pol Arch Med Wewn 51:425-32, Apr 74 (20 ref.) (Pol)

CHEMICAL SYNTHESIS

[Determination of certain sterols--products of vitamin D3 synthesis--by means of thin-layer chromatography] Kurchenko LK, et al.
Ukr Biokhim Zh 46:398-402, May-Jun 74 (Eng. Abstr.)
(Ukr)

METABOLISM

The physiologic significance of plasma transport of vitamin D and metabolites. Belsey R, et al.
Am J Med 57:50-6, Jul 74 (24 ref.)
Third F. Raymond Keating, Jr., Memorial Symposium--parathyroid hormone, calcitonin and vitamin D: clinical considerations. II. Vitamin D--1973. DeLuca HF. Am J Med 57:1-12, Jul 74 (79 ref.)
Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. Am J Med 56:751-8, Jun 74 (30 ref.)
Effect of phenobarbitone treatment on vitamin D metabolism in mammals. Silver J, et al.
Clin Sci Mol Med 46:433-48, Apr 74
Effect of phenobarbital administration on the subcellular distribution of vitamin D3-3H in rat liver. Hahn TJ, et al. Endocrinology 94:1489-95, Jun 74
Editorial: Vitamin D, the kidney and calcium homeostasis. Avioli LV.
Kidney Int 2:241-6, Nov 72 (62 ref.)
Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. Kidney Int 4:73-9, Aug 73 (53 ref.)
Hypercalcemia associated with chronic renal failure: a unifying hypothesis. David DS.
Perspect Biol Med 17:361-70, Spring 74 (71 ref.)
Metabolism and action of the hormone vitamin D. Its relation to diseases of calcium homeostasis. Coburn JW, et al. West J Med 121:22-44, Jul 74 (212 ref.)
[Kidney and calcium metabolism. Physiology and pathophysiology of renal calcium excretion]
Heidbreder E, et al.
Dtsch Med Wochenschr 99:537-41, 15 Mar 74 (40 ref.)
(Ger)
[Vitamin D metabolism and rickets prevention]
Kircher W.
Wien Med Wochenschr 124:414-7, 22 Jun 74 (Ger)
[Metabolism and mechanism of vitamin D] Pietrek J.
Pol Arch Med Wewn 51:425-32, Apr 74 (20 ref.) (Pol)

PHARMACODYNAMICS

Action of Solanum malacoxylon on calcium metabolism in the rat. Uribe A, et al.
Biochem Biophys Res Commun 58:257-62, 7 May 74
Comparison of dihydrotachysterol and 5,6-trans vitamin D3 on intestinal calcium absorption in patients with chronic renal failure. Gagnon R, et al.
Can J Physiol Pharmacol 52:272-4, Apr 74
Embryonic chick intestine in organ culture: interaction of adenylate cyclase system and vitamin D3-mediated calcium absorptive mechanism. Corradino RA.
Endocrinology 94:1607-14, Jun 74
Effects of cholecalciferol on bone formation and serum calcium, phosphate and magnesium in chicks. Ramp WK, et al. J Nutr 104:803-9, Jul 74
Biological activity of alpha-hydroxycholecalciferol, a synthetic analog of the hormonal form of vitamin D3.

Haussler MR, et al.
Proc Natl Acad Sci USA 70:2248-52, Aug 73

PHYSIOLOGY

Third F. Raymond Keating, Jr., Memorial Symposium--parathyroid hormone, calcitonin and vitamin D: clinical considerations. II. Vitamin D--1973. DeLuca HF. Am J Med 57:1-12, Jul 74 (79 ref.)
1,25-dihydroxyvitamin D3: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. Am J Med 57:21-7, Jul 74 (43 ref.)

RADIATION EFFECTS

[Metabolism and mechanism of vitamin D] Pietrek J.
Pol Arch Med Wewn 51:425-32, Apr 74 (20 ref.) (Pol)

THERAPEUTIC USE

Circulating 25-hydroxyvitamin D in man. Haddad JG, et al. Am J Med 57:57-62, Jul 74
Prevalence and treatment of vitamin D deficiency in children on anticonvulsant drugs. Silver J, et al. Arch Dis Child 49:344-50, May 74
Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. Kidney Int 4:161-7, Aug 73 (73 ref.)
Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. Kidney Int 4:73-9, Aug 73 (53 ref.)
Hypercalcemia associated with chronic renal failure: a unifying hypothesis. David DS.
Perspect Biol Med 17:361-70, Spring 74 (71 ref.)
[Metabolism and mechanism of vitamin D] Pietrek J.
Pol Arch Med Wewn 51:425-32, Apr 74 (20 ref.) (Pol)
[The antirachitic activity of lumisterol-3] Govseeva NN, et al.
Probl Actuals Endocrinol Nutr 10:328-30, Mar-Apr 74 (Eng. Abstr.)
(Rus)

DIHYDROTACHYSTEROL

ANALYSIS

Breast milk: a source of more than nutrition for the neonate. Knowles JA.
Clin Toxicol 7:69-82, 1974 (43 ref.)

PHARMACODYNAMICS

Comparison of dihydrotachysterol and 5,6-trans vitamin D3 on intestinal calcium absorption in patients with chronic renal failure. Gagnon R, et al.
Can J Physiol Pharmacol 52:272-4, Apr 74

THERAPEUTIC USE

The therapeutic approach to hypoparathyroidism. Avioli LV. Am J Med 57:34-42, Jul 74 (103 ref.)
Bone disease in hemodialysis patients with particular reference to the effect of fluoride. Cordy PE, et al. Can Med Assoc J 110:1349-53, 22 Jun 74
Mandibular joint involvement in a case of Fanconi's syndrome with renal failure. Koopmans R, et al. Int J Oral Surg 3:77-84, 1974
Editorial: Vitamin D, the kidney and calcium homeostasis. Avioli LV.
Kidney Int 2:241-6, Nov 72 (62 ref.)
Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. Kidney Int 4:161-7, Aug 73 (73 ref.)
[Hypoparathyroidism (in adults)] Moril H.
Clin Endocrinol (Tokyo) 22:36-7, Jan 74 (Jap)

ERGOCALCIFEROL

ADMINISTRATION & DOSAGE

Letter: "One tablet per day" for osteoporosis: hypercalcemia. Libow LS, et al.
Ann Intern Med 81:120-1, Jul 74

ADVERSE EFFECTS

Letter: "One tablet per day" for osteoporosis: hypercalcemia. Libow LS, et al.
Ann Intern Med 81:120-1, Jul 74

PARATHYROID AND BONE

ANALYSIS

- A stable and sensitive colorimetric method for the determination of ergocalciferol (vitamin D₂) by using trifluoroacetic acid. Gharbo SA, et al. Analyst 99:222-4, Apr 74
- A rapid assay for 25-OH-vitamin D₃ without preparative chromatography. Belsey RE, et al. J Clin Endocrinol Metab 38:1046-51, Jun 74

BLOOD

- The physiologic significance of plasma transport of vitamin D and metabolites. Belsey R, et al. Am J Med 57:50-6, Jul 74 (24 ref.)

METABOLISM

- The physiologic significance of plasma transport of vitamin D and metabolites. Belsey R, et al. Am J Med 57:50-6, Jul 74 (24 ref.)
- 1,25-dihydroxyvitamin D₃: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. Am J Med 57:21-7, Jul 74 (43 ref.)

PHARMACODYNAMICS

- Treatment of osteoporosis with vitamin D. Buring K, et al. Acta Med Scand 195:471-2, Jun 74

PHYSIOLOGY

- 1,25-dihydroxyvitamin D₃: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. Am J Med 57:21-7, Jul 74 (43 ref.)

THERAPEUTIC USE

- Treatment of osteoporosis with vitamin D. Buring K, et al. Acta Med Scand 195:471-2, Jun 74
- The physiologic significance of plasma transport of vitamin D and metabolites. Belsey R, et al. Am J Med 57:50-6, Jul 74 (24 ref.)
- Letter: "One tablet per day" for osteoporosis: hypercalcemia. Libow LS, et al. Ann Intern Med 81:120-1, Jul 74
- Rickets, growth, and alkaline phosphatase in urban adolescents. Cooke WT, et al. Br Med J 2:293-7, 11 May 74
- Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. Kidney Int 4:161-7, Aug 73 (73 ref.)

TOXICITY

- Effect of massive doses of vitamin D₂ on glycosaminoglycan levels of aorta in normal and high fat-cholesterol diet fed rats. Vijayakumar ST, et al. Indian J Biochem Biophys 10:273-5, Dec 73

HYDROXYCHOLECALCIFEROL

- 25-Hydroxycholecalciferol-1-hydroxylase: a specific requirement for NADPH and a hemoprotein component in chick kidney mitochondria. Ghazarian JG, et al. Arch Biochem Biophys 160:63-72, Jan 74
- Mitochondrial cytochrome p450. A component of chick kidney 25-hydroxycholecalciferol-1-alpha-hydroxylase. Ghazarian JG, et al. J Clin Invest 53:3026-33, Jun 74

ADMINISTRATION & DOSAGE

- 1,25-dihydroxyvitamin D₃: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. Am J Med 57:21-7, Jul 74 (43 ref.)
- 1,25-dihydroxycholecalciferol and 1-alpha-hydroxycholecalciferol in hypoparathyroidism. Russell RG, et al. Lancet 2:14-7, 6 Jul 74

ADVERSE EFFECTS

- A rapid method for measurement of fractional intestinal absorption of calcium. Chanard J, et al. J Nucl Med 15:588-92, Jul 74

ANALYSIS

- A rapid assay for 25-OH-vitamin D₃ without preparative

- chromatography. Belsey RE, et al. J Clin Endocrinol Metab 38:1046-51, Jun 74

BIOSYNTHESIS

- Third F. Raymond Keating, Jr., Memorial Symposium--parathyroid hormone, calcitonin and vitamin D: clinical considerations. II. Vitamin D--1973. DeLuca HF. Am J Med 57:1-12, Jul 74 (79 ref.)
- 1,25-dihydroxyvitamin D₃: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. Am J Med 57:21-7, Jul 74 (43 ref.)
- Proceedings: Regulation of vitamin D metabolism: factors influencing the rate of formation of 1,25-dihydroxycholecalciferol by kidney homogenates. Colston KW, et al. N Engl J Med 291:1xxix, 11 Jun 74

BLOOD

- Rickets, growth, and alkaline phosphatase in urban adolescents. Cooke WT, et al. Br Med J 2:293-7, 11 May 74
- Effect of phenobarbitone treatment on vitamin D metabolism in mammals. Silver J, et al. Clin Sci Mol Med 46:433-48, Apr 74
- Letter: Seasonal variations in serum 25-hydroxycholecalciferol. Roginsky MS, et al. Lancet 1:1235-6, 15 Jun 74

METABOLISM

- The physiologic significance of plasma transport of vitamin D and metabolites. Belsey R, et al. Am J Med 57:50-6, Jul 74 (24 ref.)
- Short-term effects of 1,25-dihydroxycholecalciferol on disordered calcium metabolism of renal failure. Brickman AS, et al. Am J Med 57:28-33, Jul 74 (22 ref.)
- Metabolic and clinical effects of pure crystalline 1 alpha-hydroxyvitamin D₃ and 1 alpha,25-dihydroxyvitamin D₃. Studies of intestinal calcium transport, renal tubular function and bone metabolism. Pechet MM, et al. Am J Med 57:13-20, Jul 74 (31 ref.)
- A rapid assay for 25-OH-vitamin D₃ without preparative chromatography. Belsey RE, et al. J Clin Endocrinol Metab 38:1046-51, Jun 74
- Binding proteins for 1,25-dihydroxycholecalciferol and 25-hydroxycholecalciferol. Oku T, et al. J Nutr Sci Vitaminol (Tokyo) 20:9-25, Feb 74
- Regulation of 25-hydroxycholecalciferol metabolism by inorganic phosphate. Nutr Rev 31:188-90, Jun 73 (15 ref.)
- Hypercalcemia associated with chronic renal failure: a unifying hypothesis. David DS. Perspect Biol Med 17:361-70, Spring 74 (71 ref.)
- Metabolism and action of the hormone vitamin D. Its relation to diseases of calcium homeostasis. Coburn JW, et al. West J Med 121:22-44, Jul 74 (212 ref.)

PHARMACODYNAMICS

- Proceedings: Effect of vitamin D and its metabolites on bone in tissue culture. Atkins D, et al. N Engl J Med 291:1xxix-xxx, 11 Jun 74
- Biological activity of 1-alpha-hydroxycholecalciferol, a synthetic analog of the hormonal form of vitamin D₃. Haussler MR, et al. Proc Natl Acad Sci USA 70:2248-52, Aug 73
- Role of 1,25-dihydroxyvitamin D₃ in maintaining serum phosphorus and curing rickets. Tanaka Y, et al. Proc Natl Acad Sci USA 71:1040-4, Apr 74
- [Metabolic effect of vitamin D₃ hormones: in vitro effect of 25-hydroxycholecalciferol on rat kidney cortex gluconeogenesis from pyruvate] Henning HV, et al. Verh Dtsch Ges Inn Med 79:678-81, 1973 (Ger)

THERAPEUTIC USE

- The therapeutic approach to hypoparathyroidism. Avioli LV. Am J Med 57:34-42, Jul 74 (103 ref.)
- Short-term effects of 1,25-dihydroxycholecalciferol on disordered calcium metabolism of renal failure. Brickman AS, et al. Am J Med 57:28-33, Jul 74 (22 ref.)
- Metabolic and clinical effects of pure crystalline 1 alpha-hydroxyvitamin D₃ and 1 alpha,25-dihydroxyvitamin D₃. Studies of intestinal calcium transport, renal tubular function and bone metabolism. Pechet MM, et al. Am J Med 57:13-20, Jul 74 (31 ref.)

PARATHYROID AND BONE

Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)
 Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. *Kidney Int* 4:161-7, Aug 73 (73 ref.)
 1,25-dihydroxycholecalciferol and 1 α -hydroxycholecalciferol in hypoparathyroidism. Russell RG, et al. *Lancet* 2:14-7, 6 Jul 74
 Role of 1,25-dihydroxyvitamin D3 in maintaining serum phosphorus and curing rickets. Tanaka Y, et al. *Proc Natl Acad Sci USA* 71:1040-4, Apr 74

TOXICITY

Metabolic and clinical effects of pure crystalline 1 α -hydroxyvitamin D3 and 1 α ,25-dihydroxyvitamin D3. Studies of intestinal calcium transport, renal tubular function and bone metabolism. Pechet MM, et al. *Am J Med* 57:13-20, Jul 74 (31 ref.)

HYPERCALCEMIA

BLOOD

Parathyroid hormone secretion in disorders of calcium metabolism studied by means of EDTA. Lockfeer JH, et al. *Acta Endocrinol (Kbh)* 75:286-96, Feb 74
 Clinical findings in patients with hypercalcaemia. A final investigation based on biochemical screening. Stenström G, et al. *Acta Med Scand* 195:473-7, Jun 74
 Radioimmunoassay of parathyroid hormone in hypercalcaemic patients with malignant disease. Benson RC Jr, et al. *Am J Med* 56:821-6, Jun 74
 Letter: Chloride:phosphate ratio in hypercalcaemia. Akgün S, et al. *Ann Intern Med* 81:129-30, Jul 74
 Parathyroid hormone responses during spontaneous hypocalcaemia and induced hypercalcaemia in cows. Blum JW, et al. *Endocrinology* 95:84-92, Jul 74
 Human calcitonin radioimmunoassay in normal and pathological conditions. Heynen G, et al. *Eur J Clin Invest* 4:213-22, Jun 74
 Immunoreactive forms of circulating parathyroid hormone in primary and ectopic hyperparathyroidism. Benson RC Jr, et al. *J Clin Invest* 54:175-81, Jul 74
 Indomethacin-responsive hypercalcaemia in a patient with renal-cell adenocarcinoma. Brereton HD, et al. *N Engl J Med* 291:83-5, 11 Jun 74
 Acid and gastrin response to acute hypercalcaemia in conscious monkeys. Rosato EF, et al. *Surg Forum* 23:316-8, 1972
 [Biochemical diagnosis in hypercalcaemia] Jorgensen H. *Tidsskr Nor Lægeforen* 94:1126-31, 20 Jun 74 (Nor)

CHEMICALLY INDUCED

Clinical findings in patients with hypercalcaemia. A final investigation based on biochemical screening. Stenström G, et al. *Acta Med Scand* 195:473-7, Jun 74
 The therapeutic approach to hypoparathyroidism. Avioli LV. *Am J Med* 57:34-42, Jul 74 (103 ref.)
 Short-term effects of 1,25-dihydroxycholecalciferol on disordered calcium metabolism of renal failure. Brickman AS, et al. *Am J Med* 57:28-33, Jul 74 (22 ref.)
 Letter: "One tablet per day" for osteoporosis: hypercalcaemia. Libow LS, et al. *Ann Intern Med* 81:120-1, Jul 74
 Diuretic and diet treatment of hypertension. Dustan HR, et al. *Arch Intern Med* 133:1007-13, Jun 74
 Letter: Chlorothalidone-induced hypercalcaemia. Palmer FJ. *JAMA* 229:267, 15 Jul 74
 [Craniotabes--induced by excessive dose of vitamin D] Bognár I, et al. *Orv Hetil* 115:1234-5, 26 May 74 (Hun)
 [Iatrogenic hypercalcaemia] Mihalca E, et al. *Pediatrica (Bucur)* 22:445-52, Sep-Oct 73 (Eng. Abstr.) (Rum)

COMPLICATIONS

Addison's disease--clinical studies. A report fo 108 cases. Nerup J. *Acta Endocrinol (Kbh)* 76:127-41, May 74
 The possible role of platelets as trigger in intravascular coagulation associated with acute hyperparathyroidism. Hilgard P, et al. *Acta Univ Carol [Med Monogr]* (Praha) 53:427-32, 1972
 Radioimmunoassay of parathyroid hormone in

hypercalcaemic patients with malignant disease. Benson RC Jr, et al. *Am J Med* 56:821-6, Jun 74
 Letter: Hypercalcaemia and neuromuscular disease. *Ann Intern Med* 81:128-9, Jul 74
 Immunochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al. *J Clin Invest* 53:1726-35, Jun 74
 Tumour-associated hormonal products. Landon J, et al. *J Clin Pathol [Suppl]* 7:127-34, 1974 (58 ref.)
 Editorial: Calcium nephropathy. Chaudhuri BR. *J Indian Med Assoc* 61:518-9, 16 Dec 73
 Calcium and phosphate metabolism and the bone. Morgan DB. *Prog Surg* 10:24-75, 1972 (111 ref.)
 [Value of hemodialysis therapy of hypercalcaemic crisis in primary hyperparathyroidism] Loew H, et al. *Verh Dtsch Ges Inn Med* 79:741-3, 1973 (Ger)

DIAGNOSIS

[Hypercalcaemia and cancer] Coninx P, et al. *Rev Med Liege* 29:284-8, 15 May 74 (Fre)
 [Kidney and calcium metabolism. Physiology and pathophysiology of renal calcium excretion] Heibredner E, et al. *Dtsch Med Wochenschr* 99:537-41, 15 Mar 74 (40 ref.) (Ger)

DRUG THERAPY

Letter: Hyperphosphatemia and hypocalcaemia in myeloproliferative disorder. Ajlouni K, et al. *Ann Intern Med* 81:119-20, Jul 74
 Letter: Hypercalcaemia and neuromuscular disease. *Ann Intern Med* 81:128-9, Jul 74
 Indomethacin-responsive hypercalcaemia in a patient with renal-cell adenocarcinoma. Brereton HD, et al. *N Engl J Med* 291:83-5, 11 Jun 74
 Letter: Treatment of hypercalcaemia after renal transplantation. Feiner RH. *N Engl J Med* 291:257-8, 1 Aug 74
 [Hypercalcaemia syndrome (in a patient with van Kahler's disease)] Lindeboom GA. *Ned Tijdschr Geneesk* 117:1841-5, 8 Dec 73 (Dut)
 [Letter: Treatment of hypercalcaemic hyperparathyroidism] Hesch RD. *Med Klin* 69:714-5, 19 Apr 74 (Ger)
 [Hypercalcaemia and reversible renal insufficiency in generalized sarcoidosis] Tasche V, et al. *Med Welt* 25:931-3, 24 May 74 (Ger)
 [Drug therapy in acute hypercalcaemia] Frey H. *Tidsskr Nor Lægeforen* 94:847-8, 10 May 74 (Nor)

ETIOLOGY

Clinical findings in patients with hypercalcaemia. A final investigation based on biochemical screening. Stenström G, et al. *Acta Med Scand* 195:473-7, Jun 74
 Parathyroid function in human vitamin D deficiency and vitamin D deficiency in primary hyperparathyroidism. Lumb GA, et al. *Am J Med* 56:833-9, Jun 74
 Ectopic hyperparathyroidism. Foley TJ. *Am J Surg* 128:108-10, Jul 74
 Ectopic hormone production by non-endocrine tumours. Rees LH, et al. *Clin Endocrinol (Oxf)* 3:263-99, Jul 74 (94 ref.)
 Extrarenal symptomatology in renal cancer. Pytel A. *Int Urol Nephrol* 5:241-7, 1974
 Immunoreactive forms of circulating parathyroid hormone in primary and ectopic hyperparathyroidism. Benson RC Jr, et al. *J Clin Invest* 54:175-81, Jul 74
 Letter: Prolactin and hypercalcaemia. Mahajan KK, et al. *Lancet* 1:1237-8, 15 Jun 74
 Indomethacin-responsive hypercalcaemia in a patient with renal-cell adenocarcinoma. Brereton HD, et al. *N Engl J Med* 291:83-5, 11 Jun 74
 Letter: Treatment of hypercalcaemia after renal transplantation. Feiner RH. *N Engl J Med* 291:257-8, 1 Aug 74
 Hypercalcaemia associated with chronic renal failure: a unifying hypothesis. David DS. *Perspect Biol Med* 17:361-70, Spring 74 (71 ref.)
 IgG subclasses: relationship to clinical aspects of multiple myeloma and frequency distribution among M-components. Schur PH, et al. *Scand J Haematol* 12:60-8, 1974
 [Hypercalcaemia syndrome (in a patient with van

PARATHYROID AND BONE

Kahler's disease)] Lindeboom GA.
Ned Tijdschr Geneesk 117:1841-5, 8 Dec 73 (Dut)
[Hypercalcemia and cancer] Coninx P, et al.
Rev Med Liege 29:284-8, 15 May 74 (Fre)
[Hypercalciuria--nephrocalcinosis-- and calcium calculi
of the kidney. Differential diagnosis and clinical
aspects of pathological renal calcium transport]
Heidbreder E, et al.
Dtsch Med Wochenschr 99:586-590, 22 Mar 74 (29 ref.)
(Ger)

[Letter: Treatment of hypercalcemic
hyperparathyroidism] Hesch RD.
Med Klin 69:714-5, 19 Apr 74 (Ger)
[Hypercalcemia and reversible renal insufficiency in
generalized sarcoidosis] Tasche V, et al.
Med Welt 25:931-3, 24 May 74 (Ger)
[Value of hemodialysis therapy of hypercalcemic crisis
in primary hyperparathyroidism] Loew H, et al.
Verh Dtsch Ges Inn Med 79:741-3, 1973 (Ger)

FAMILIAL & GENETIC

Familial hyperparathyroidism. Grevsten S, et al.
Ups J Med Sci 79:109-15, 1974

IMMUNOLOGY

Immunoreactive forms of circulating parathyroid
hormone in primary and ectopic
hyperparathyroidism. Benson RC Jr, et al.
J Clin Invest 54:175-81, Jul 74

METABOLISM

Influence of altered states of calcium homeostasis on
insulin secretion in rats and rabbits. Pento JT, et al.
Horm Metab Res 6:177-80, May 74
Prostaglandins and cancer: an update. Jaffe BM.
Prostaglandins 6:453-61, 25 Jun 74 (34 ref.)
Unresponsiveness of exocrine rat pancreas to calcemic
challenges (hypercalcemia, EDTA hypocalcemia or
calcitonin administration) which influence stomach
function. Ziegler R, et al.
Res Exp Med (Berl) 162:347-50, 1974
[Some endocrinological variations of calcium and
phosphorus metabolism] Moor P de, et al.
Acta Clin Belg 28:312-22, 1973 (Eng. Abstr.) (Dut)
[Kidney and calcium metabolism. Physiology and
pathophysiology of renal calcium excretion]
Heidbreder E, et al.
Dtsch Med Wochenschr 99:537-41, 15 Mar 74 (40 ref.)
(Ger)

PATHOLOGY

Editorial: Calcium nephropathy. Chaudhuri BR.
J Indian Med Assoc 61:518-9, 16 Dec 73

PHYSIOFATHOLOGY

Third F. Raymond Keating, Jr., Memorial
Symposium--parathyroid hormone, calcitonin and
vitamin D: clinical considerations. II. Vitamin D--1973.
DeLuca HF. Am J Med 57:1-12, Jul 74 (79 ref.)
Hypercalcemia associated with chronic renal failure: a
unifying hypothesis. David DS.
Perspect Biol Med 17:361-70, Spring 74 (71 ref.)
Acid and gastrin response to acute hypercalcemia in
conscious monkeys. Rosato EF, et al.
Surg Forum 23:316-8, 1972

PREVENTION & CONTROL

Letter: Tumor-induced osteolysis. Powles TJ, et al.
N Engl J Med 291:105, 11 Jun 74

SURGERY

Ectopic hyperparathyroidism. Foley TJ.
Am J Surg 128:108-10, Jul 74

THERAPY

[Hypercalcemia and cancer] Coninx P, et al.
Rev Med Liege 29:284-8, 15 May 74 (Fre)
[Value of hemodialysis therapy of hypercalcemic crisis
in primary hyperparathyroidism] Loew H, et al.
Verh Dtsch Ges Inn Med 79:741-3, 1973 (Ger)
[Iatrogenic hypercalcemia] Mihalca E, et al.

Pediatrics (Bucur) 22:445-52, Sep-Oct 73 (Eng. Abstr.)
(Rum)

URINE

[Kidney and calcium metabolism. Physiology and
pathophysiology of renal calcium excretion]
Heidbreder E, et al.
Dtsch Med Wochenschr 99:537-41, 15 Mar 74 (40 ref.)
(Ger)

OSTEOGENESIS IMPERFECTA

BLOOD

Effects of vitamin C on osteogenesis imperfecta. Kurz
D, et al. Pediatrics 54:56-61, Jul 74

COMPLICATIONS

Cancer resistance: I. Lynch HT, et al.
Nebr Med J 59:156-61, May 74 (31 ref.)
Effects of vitamin C on osteogenesis imperfecta. Kurz
D, et al. Pediatrics 54:56-61, Jul 74
[Association of osteogenesis imperfecta tarda and
familial diabetes mellitus] Forgács S.
Radiologe 14:138-41, Mar 74 (Ger)

CONGENITAL

Osteogenesis imperfecta: clinical evaluation and
management. Falvo KA, et al.
J Bone Joint Surg [Am] 56:783-93, Jun 74

DIAGNOSIS

Osteogenesis imperfecta: clinical evaluation and
management. Falvo KA, et al.
J Bone Joint Surg [Am] 56:783-93, Jun 74
[Congenital osteogenesis imperfecta diagnosed in
utero. Report of a case] Kehler M.
Ugeskr Laeger 136:1302-3, 10 Jun 74 (Eng. Abstr.)
(Dan)

DRUG THERAPY

Effects of vitamin C on osteogenesis imperfecta. Kurz
D, et al. Pediatrics 54:56-61, Jul 74

FAMILIAL & GENETIC

Osteogenesis imperfecta: clinical evaluation and
management. Falvo KA, et al.
J Bone Joint Surg [Am] 56:783-93, Jun 74
Cancer resistance: I. Lynch HT, et al.
Nebr Med J 59:156-61, May 74 (31 ref.)
Effects of vitamin C on osteogenesis imperfecta. Kurz
D, et al. Pediatrics 54:56-61, Jul 74
[Congenital osteogenesis imperfecta diagnosed in
utero. Report of a case] Kehler M.
Ugeskr Laeger 136:1302-3, 10 Jun 74 (Eng. Abstr.)
(Dan)
[Hereditarily transmitted pathologic fragilitas ossium]
Mezhenina EP.
Tsitol Genet 8:20-3, Jan-Feb 74 (Eng. Abstr.) (Rus)

RADIOGRAPHY

[Congenital osteogenesis imperfecta diagnosed in
utero. Report of a case] Kehler M.
Ugeskr Laeger 136:1302-3, 10 Jun 74 (Eng. Abstr.)
(Dan)

OSTEOMALACIA

[Osteomalacia: 24 cases] Chartier M, et al.
Union Med Can 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)
[Osteopathy in long-term hemodialysis (morphometric,
physical-chemical and electron microscopic studies)]
Delling G, et al.
Verh Dtsch Ges Rheumatol 3:176-7, 1974 (Ger)

BLOOD

Parathyroid function in human vitamin D deficiency
and vitamin D deficiency in primary
hyperparathyroidism. Lumb GA, et al.
Am J Med 56:833-9, Jun 74
Letter: Calcium-binding protein in hypophosphatemic

PARATHYROID AND BONE

osteomalacia. Lender M, et al.
Ann Intern Med 81:120, Jul 74
 Correlation of serum, bone and urinary hydroxyproline
 in nutritional osteomalacia. Rizvi SN, et al.
J Assoc Physicians India 21:189-93, Feb 73

CHEMICALLY INDUCED

Letter: Anticonvulsant osteomalacia and vitamin D.
 Rodbro P, et al. *Br Med J* 2:667-8, 22 Jun 74
 [Osteomalacia: 24 cases] Chartier M, et al.
Union Med Can 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)

CLASSIFICATION

[Bone and cartilage diseases] Chlud K, et al.
Verh Dtsch Ges Rheumatol 3:186-7, 1974 (Ger)

COMPLICATIONS

Parathyroid function in human vitamin D deficiency
 and vitamin D deficiency in primary
 hyperparathyroidism. Lumb GA, et al.
Am J Med 56:833-9, Jun 74
 Rickets, growth, and alkaline phosphatase in urban
 adolescents. Cooke WT, et al.
Br Med J 2:293-7, 11 May 74
 Hyperparathyroidism in an elderly adult with
 hypophosphatasia. Faas FH, et al.
Clin Orthop 101:216-9, Jun 74
 Calcium and phosphate metabolism and the bone.
 Morgan DB. *Prog Surg* 10:24-75, 1972 (111 ref.)
 Fracture of the femoral neck in the elderly: bone
 aging or disease? Solomon L.
S Afr J Surg 11:269-79, Dec 73
 [Osteomalacia as a cause of acetabular protrusion]
 Gburek Z, et al.
Wiad Lek 27:177-81, 15 Jan 74 (Eng. Abstr.) (Pol)

DIAGNOSIS

Fracture of the femoral neck in the elderly: bone
 aging or disease? Solomon L.
S Afr J Surg 11:269-79, Dec 73
 [Osteomalacia: 24 cases] Chartier M, et al.
Union Med Can 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)

DRUG THERAPY

Metabolic and clinical effects of pure crystalline 1
 alpha-hydroxyvitamin D3 and 1
 alpha,25-dihydroxyvitamin D3. Studies of intestinal
 calcium transport, renal tubular function and bone
 metabolism. Pechet MM, et al.
Am J Med 57:13-20, Jul 74 (31 ref.)
 Letter: Anticonvulsant osteomalacia and vitamin D.
 Rodbro P, et al. *Br Med J* 2:667-8, 22 Jun 74
 Correlation of serum, bone and urinary hydroxyproline
 in nutritional osteomalacia. Rizvi SN, et al.
J Assoc Physicians India 21:189-93, Feb 73
 Treatment of renal osteodystrophy with calciferol
 (vitamin D) and related steroids. Brickman AS, et al.
Kidney Int 4:161-7, Aug 73 (73 ref.)
 [Osteomalacia: 24 cases] Chartier M, et al.
Union Med Can 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)

ETIOLOGY

Coeliac disease. The clinical presentation. Barry RE, et
 al. *Clin Gastroenterol* 3:55-69, Jan 74
 Role of diet, gastrointestinal tract and bone in
 acid-base homeostasis. Lemann J Jr, et al.
Kidney Int 1:275-9, May 72 (26 ref.)
 Metabolic bone disease in patients on maintenance
 hemodialysis. Ritz E, et al. *Nephron* 12:393-404, 1974
 [Osteodystrophy and calcinosis in chronic renal failure
 treated by repeated hemodialysis] Bagon J, et al.
J Radiol Electrol Med Nucl 55:35-9, Jan 74 (Eng.
 Abstr.) (Fre)
 [Osteomalacia: 24 cases] Chartier M, et al.
Union Med Can 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)
 [Monstrous tumorous changes of the facial bones in
 secondary hyperparathyroidism (author's transl)]
 Pfeifle J, et al.
Dtsch Med Wochenschr 99:389-91, 1 Mar 74 (Eng.
 Abstr.) (Ger)
 [Osteopathy in long-term hemodialysis (morphometric,
 physical-chemical and electron microscopic studies)]
 Dellling G, et al.
Verh Dtsch Ges Rheumatol 3:176-7, 1974 (Ger)

METABOLISM

Letter: Calcium-binding protein in hypophosphatemic
 osteomalacia. Lender M, et al.
Ann Intern Med 81:120, Jul 74
 Correlation of serum, bone and urinary hydroxyproline
 in nutritional osteomalacia. Rizvi SN, et al.
J Assoc Physicians India 21:189-93, Feb 73
 Letter: Osteomalacia. Aaron J, et al.
Lancet 1:939, 11 May 74
 [Osteopathy in long-term hemodialysis (morphometric,
 physical-chemical and electron microscopic studies)]
 Dellling G, et al.
Verh Dtsch Ges Rheumatol 3:176-7, 1974 (Ger)

PATHOLOGY

Hyperparathyroidism in an elderly adult with
 hypophosphatasia. Faas FH, et al.
Clin Orthop 101:216-9, Jun 74
 Quantitative histological studies on the pathogenesis of
 uremic bone disease. Sherrard DJ, et al.
J Clin Endocrinol Metab 39:119-35, Jul 74
 Letter: Osteomalacia. Aaron J, et al.
Lancet 1:939, 11 May 74
 Diagnostic significance of bone marrow biopsy in
 chronic renal disease. Fong TP, et al.
Nephron 12:81-93, 1974
 Metabolic bone disease in patients on maintenance
 hemodialysis. Ritz E, et al. *Nephron* 12:393-404, 1974
 [Osteopathy in long-term hemodialysis (morphometric,
 physical-chemical and electron microscopic studies)]
 Dellling G, et al.
Verh Dtsch Ges Rheumatol 3:176-7, 1974 (Ger)

PHYSIOPATHOLOGY

[Osteomalacia: 24 cases] Chartier M, et al.
Union Med Can 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)

RADIOGRAPHY

Hyperparathyroidism in an elderly adult with
 hypophosphatasia. Faas FH, et al.
Clin Orthop 101:216-9, Jun 74
 [Osteomalacia: 24 cases] Chartier M, et al.
Union Med Can 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)
 [Current aspects of clinical osteology from radiological
 point of view] Wleners H.
Verh Dtsch Ges Rheumatol 3:105-12, 1974 (Ger)

URINE

Correlation of serum, bone and urinary hydroxyproline
 in nutritional osteomalacia. Rizvi SN, et al.
J Assoc Physicians India 21:189-93, Feb 73

OSTEOPETROSIS

COMPLICATIONS

The pathophysiology of otologic facial paralysis.
 Antoli-Candela F Jr, et al.
Otolaryngol Clin North Am 7:309-30, Jun 74 (35 ref.)
 A comparative study of pycnodysostosis, cleidocranial
 dysostosis, osteopetrosis and acro-osteolysis.
 Wolpowitz A, et al. *S Afr Med J* 48:1011-8, 18 May 74

DIAGNOSIS

Pycnodysostosis. Six cases with new symptoms and an
 autopsy. Lykkegaard Nielsen E.
Acta Paediatr Scand 63:437-42, May 74
 [Albers-Schönberg's disease (osteopetrosis)]
 Tiefenbach A, et al.
Rad Med Fak Zagreb 20:77-89, 1972 (Eng. Abstr.)
 (Cro)

ENZYMOLGY

Unrupted dentition secondary to congenital
 osteopetrosis in the Osborne-Mendel rat. Cotton WR,
 et al. *Proc Soc Exp Biol Med* 146:554-61, Jun 74
 [Some observations on the etiopathogenesis of
 osteopetrosis] Onofrei T, et al.
Pediatrics (Bucur) 22:415-28, Sep-Oct 73 (Eng. Abstr.)
 (Rum)

PARATHYROID AND BONE

ETIOLOGY

- [Some observations on the etiopathogenesis of osteopetrosis] Onofrei T, et al.
Pediatrics (Bucur) 22:415-28, Sep-Oct 73 (Eng. Abstr.)
 (Rum)

FAMILIAL & GENETIC

- Unrupted dentition secondary to congenital osteopetrosis in the Osborne-Mendel rat. Cotton WR, et al. *Proc Soc Exp Biol Med* 146:554-61, Jun 74
 [Albers-Schönberg's disease (osteopetrosis)]
 Tiefenbach A, et al.
Rad Med Fak Zagreb 20:77-89, 1972 (Eng. Abstr.)
 (Cro)

METABOLISM

- Unrupted dentition secondary to congenital osteopetrosis in the Osborne-Mendel rat. Cotton WR, et al. *Proc Soc Exp Biol Med* 146:554-61, Jun 74
 [Some observations on the etiopathogenesis of osteopetrosis] Onofrei T, et al.
Pediatrics (Bucur) 22:415-28, Sep-Oct 73 (Eng. Abstr.)
 (Rum)

PATHOLOGY

- Pycnodysostosis. Six cases with new symptoms and an autopsy. Lykkegaard Nielsen E.
Acta Paediatr Scand 63:437-42, May 74
 [Some observations on the etiopathogenesis of osteopetrosis] Onofrei T, et al.
Pediatrics (Bucur) 22:415-28, Sep-Oct 73 (Eng. Abstr.)
 (Rum)

RADIOGRAPHY

- Pycnodysostosis. Six cases with new symptoms and an autopsy. Lykkegaard Nielsen E.
Acta Paediatr Scand 63:437-42, May 74
 A comparative study of pycnodysostosis, cleidocranial dysostosis, osteopetrosis and acro-osteolysis.
 Wolpowitz A, et al. *S Afr Med J* 48:1011-8, 18 May 74

THERAPY

- A comparative study of pycnodysostosis, cleidocranial dysostosis, osteopetrosis and acro-osteolysis.
 Wolpowitz A, et al. *S Afr Med J* 48:1011-8, 18 May 74

OSTEOPOROSIS

BLOOD

- Treatment of osteoporosis with vitamin D. Buring K, et al. *Acta Med Scand* 195:471-2, Jun 74
 [Ability to correct induced hypercalcemia in elderly patients taking into consideration their bone condition] Gasfńska T.
Endokrynol Pol 25:141-6, Mar-Apr 74 (Eng. Abstr.)
 (Pol)

CHEMICALLY INDUCED

- Letter: Anticonvulsant osteomalacia and vitamin D. Rodbro P, et al. *Br Med J* 2:667-8, 22 Jun 74
 Letter: Calcitonin in steroid-induced osteoporosis. Palmieri GM, et al. *N Engl J Med* 290:1490-1, 27 Jun 74
 Letter: Replacement treatment of hypothyroidism. *N Engl J Med* 291:100-3, 11 Jun 74
 [Cooperative study on the long-term treatment of osteoporosis with small doses of thyrocalcitonin. Apropos of 55 cases] Bloch-Michel H, et al. *Rev Rhum Mal Osteoartic* 41:93-104, Feb 74 (Eng. Abstr.)
 (Fre)
 [Prophylaxis against osteoporosis in corticosteroid therapy with sodium fluoride (author's transl)] Krokowski E.
Med Klin 69:437-41, 8 Mar 74 (Eng. Abstr.) (Ger)
 [Therapy with sodium fluoride in osteoporosis due to corticoids] Deneke C.
Med Monatsschr 27:469-71, Oct 73 (Ger)
 [Drug-induced hypercorticism and its effect on femur heads] Stein G.
Roentgenblaetter 25:86-7, Feb 72 (Eng. Abstr.) (Ger)

CLASSIFICATION

- Trabecular pattern of the upper end of the femur in primary osteoarthritis and in symptomatic osteoporosis. Roh YS, et al.
J Belg Radiol 57:89-94, Mar-Apr 74
 [Bone and cartilage diseases] Chlud K, et al.
Verh Dtsch Ges Rheumatol 3:186-7, 1974 (Ger)
 [Current aspects of clinical osteology from the viewpoint of medicine] Kuhlencordt F.
Verh Dtsch Ges Rheumatol 3:98-105, 1974 (Ger)

COMPLICATIONS

- The Mauriac syndrome. Mandell F, et al.
Am J Dis Child 127:900-2, Jun 74
 Fractures of the upper end of the femur as an index of senile osteoporosis in Finland. Alhava EM, et al.
Ann Clin Res 5:398-403, Dec 73
 Iron and the liver. Barry M.
Gut 15:324-34, Apr 74 (129 ref.)
 The general skeletal state in otosclerosis. Wright I, et al. *J Laryngol Otol* 88:423-8, May 74
 Calcium and phosphate metabolism and the bone. Morgan DB. *Frog Surg* 10:24-75, 1972 (111 ref.)
 [Hypercalciuria-nephrocalcinosis-- and calcium calculi of the kidney. Differential diagnosis and clinical aspects of pathological renal calcium transport] Heibredner E, et al.
Dtsch Med Wochenschr 99:586-590, 22 Mar 74 (29 ref.)
 (Ger)
 [Manifestation joint in degenerative bone diseases] Zinn WM.
Verh Dtsch Ges Rheumatol 3:117-25, 1974 (Ger)

DIAGNOSIS

- Absolute and relative deficit in total-skeletal calcium and radial bone mineral in osteoporosis. Cohn SH, et al. *J Nucl Med* 15:428-35, Jun 74
 [Investigations of the skeleton with radioisotopes (author's transl)] Donath A.
Radiol Clin Biol 43:378-84, 1974 (Eng. Abstr.) (Fre)
 [Current aspects of clinical osteology from the viewpoint of medicine] Kuhlencordt F.
Verh Dtsch Ges Rheumatol 3:98-105, 1974 (Ger)
 [Photometric method of determining the content of mineral salts in the bones of psoriasis patients] Komisarov VM.
Vestn Dermatol Venerol 48:41-5, May 74 (Eng. Abstr.)
 (Rus)

DRUG THERAPY

- Treatment of osteoporosis with vitamin D. Buring K, et al. *Acta Med Scand* 195:471-2, Jun 74
 Letter: "One tablet per day" for osteoporosis: hypercalcemia. Libow LS, et al.
Ann Intern Med 81:120-1, Jul 74
 Bone turnover-sex hormone-parathyroid hormone interrelationships in postmenopausal osteoporosis. Riggs B, et al. *Boll Soc Ital Biol Sper* 49:732-7, 30 Jul 73
 Hypercortisolemia and lack of skeletal response to oestrogen in postmenopausal women. Aitken JM, et al. *Clin Endocrinol (Oxf)* 3:167-74, Apr 74
 Jejunal calcium transport in health and metabolic bone disease: Effect of vitamin D. Soergel KH, et al. *Gastroenterology* 67:28-34, Jul 74
 Letter: Calcitonin in steroid-induced osteoporosis. Palmieri GM, et al. *N Engl J Med* 290:1490-1, 27 Jun 74
 Postmenopausal osteoporosis. Pathogenesis and the mode of action of hormone therapy. Holló I.
Ther Hung 20:123-6 passim, 1972
 [Cooperative study on the long-term treatment of osteoporosis with small doses of thyrocalcitonin. Apropos of 55 cases] Bloch-Michel H, et al. *Rev Rhum Mal Osteoartic* 41:93-104, Feb 74 (Eng. Abstr.)
 (Fre)
 [Therapy with sodium fluoride in osteoporosis due to corticoids] Deneke C.
Med Monatsschr 27:469-71, Oct 73 (Ger)
 [Role of thyrocalcitonin in osteogenesis] Briskin AI.
Ortop Travmatol Protez 34:69-71, Dec 73 (Rus)
 [Calcitonin and phosphates in osteoporosis: experimental principles] Garrido M, et al.
Rev Iber Endocrinol 21:113-25, Mar-Apr 74 (Eng. Abstr.)
 (Spa)

PARATHYROID AND BONE

ETIOLOGY

- Cortical bone mass in acromegaly. Ikkos DG, et al. *Acta Radiol [Diagn] (Stockh)* 15:134-44, Mar 74
- Spinal cord injury: its many complications. Taylor RG. *Am Fam Physician* 8:138-46, Oct 73
- A recognition of the interrelationship of calcium with various dietary components. McBean LD, et al. *Am J Clin Nutr* 27:603-9, Jun 74 (47 ref.)
- Cancer of the gastrointestinal tract. Late effects of gastrectomy. Welch CE. *JAMA* 228:1287-9, 3 Jun 74
- Oral manifestations in uremia. Lauttamus A, et al. *Proc Finn Dent Soc* 70:50-6, Apr 74
- Postmenopausal osteoporosis. Pathogenesis and the mode of action of hormone therapy. Holló I. *Ther Hung* 20:123-6 passim, 1972
- [Letter: Estrogen deficiency and osteoporosis] Holzmänn K. *Dtsch Med Wochenschr* 99:1382-3, 21 Jun 74 (Ger)
- [Stress through mechanical vibrations and possible damages to health in the area of the spine. 2. Possibilities of health injuries] Christ W. *Fortschr Med* 92:705-8, 6 Jun 74 (Eng. Abstr.) (Ger)
- [Pathological anatomy of peripheral joint in rheumatoid arthritis and ankylosing spondylitis (author's transl)] Aufdermaur M. *Radiol Clin Biol* 43:292-303, 1974 (Eng. Abstr.) (Ger)
- [Complications of hip endoprosthesis in the x-ray picture] Stock D, et al. *Radiologe* 14:108-13, Mar 74 (Ger)
- [Results of a rheumatologic-surgical study with reference to joint findings] Grasselt C, et al. *Z Aerzt Fortbild (Jena)* 68:188-92, 15 Feb 74 (Ger)
- [Precocious menopause] Lenzi G. *Minerva Ginecol* 28:186-91, Mar 74 (Ita)
- [Aging and diseases: osteoporosis] Okamoto T, et al. *Jap J Clin Med* 32:130-3, Jan 74 (16 ref.) (Jap)
- [Christiansen's endoprosthesis. Experiences from 300 arthroplasties] Sundal B, et al. *Tidsskr Nor Laegeforen* 94:1170-3, 30 Jun 74 (Nor)

METABOLISM

- Grading of osteoporosis by skeletal roentgenology and bone scanning. Dalén N, et al. *Acta Radiol [Diagn] (Stockh)* 15:177-86, Mar 74
- Bone turnover-sex hormone-parathyroid hormone interrelationships in postmenopausal osteoporosis. Riggs B, et al. *Bull Soc Ital Biol Sper* 49:732-7, 30 Jul 73
- Hypercortisolemia and lack of skeletal response to oestrogen in postmenopausal women. Aitken JM, et al. *Clin Endocrinol (Oxf)* 3:167-74, Apr 74
- Jejunal calcium transport in health and metabolic bone disease: Effect of vitamin D. Soergel KH, et al. *Gastroenterology* 67:28-34, Jul 74
- [Investigations of the skeleton with radioisotopes (author's transl)] Donath A. *Radiol Clin Biol* 43:378-84, 1974 (Eng. Abstr.) (Fre)
- [Letter: Estrogen deficiency and osteoporosis] Holzmänn K. *Dtsch Med Wochenschr* 99:1382-3, 21 Jun 74 (Ger)
- [Calcium metabolism in hyperthyroidism] Montz R, et al. *Radiologe* 14:166-72, Apr 74 (Ger)
- [Current aspects of clinical osteology from the viewpoint of medicine] Kuhlencordt F. *Verh Dtsch Ges Rheumatol* 3:98-105, 1974 (Ger)
- [Calcitonin and phosphates in osteoporosis: experimental principles] Garrido M, et al. *Rev Iber Endocrinol* 21:113-25, Mar-Apr 74 (Eng. Abstr.) (Spa)

OCCURRENCE

- Fractures of the upper end of the femur as an index of senile osteoporosis in Finland. Alhava EM, et al. *Ann Clin Res* 5:398-403, Dec 73
- Osteoporosis in Surinam. Visser WJ, et al. *Nutr Metab* 16:208-14, 1974

PATHOLOGY

- Grading of osteoporosis by skeletal roentgenology and bone scanning. Dalén N, et al. *Acta Radiol [Diagn] (Stockh)* 15:177-86, Mar 74
- Cortical bone mass in acromegaly. Ikkos DG, et al. *Acta Radiol [Diagn] (Stockh)* 15:134-44, Mar 74
- Metachromatic staining of basic nucleoproteins in chronic erythremic myelosis. Kaas L. *Am J Clin Pathol* 62:21-6, Jul 74
- Diagnostic significance of bone marrow biopsy in

- chronic renal disease. Fong TP, et al. *Nephron* 12:81-93, 1974
- Osteoporosis in Surinam. Visser WJ, et al. *Nutr Metab* 16:208-14, 1974
- [Species and age determination according to microstructure of the bones] Efdlin LM. *Sud Med Ekspert* 17:3-8, Apr-Jun 74 (Rus)

PREVENTION & CONTROL

- Editorial: Stopping the Pill. *Br Med J* 2:517-8, 8 Jun 74
- Inhibition of disuse osteoporosis by diphosphonates. Lane JM, et al. *Surg Forum* 23:473-4, 1972
- [Prophylaxis against osteoporosis in corticosteroid therapy with sodium fluoride (author's transl)] Krokowski E. *Med Klin* 69:437-41, 8 Mar 74 (Eng. Abstr.) (Ger)

RADIOGRAPHY

- Grading of osteoporosis by skeletal roentgenology and bone scanning. Dalén N, et al. *Acta Radiol [Diagn] (Stockh)* 15:177-86, Mar 74
- Cortical bone mass in acromegaly. Ikkos DG, et al. *Acta Radiol [Diagn] (Stockh)* 15:134-44, Mar 74
- The Mauriac syndrome. Mandell F, et al. *Am J Dis Child* 127:900-2, Jun 74
- Similar bone manifestations of scleroderma and rheumatoid arthritis. Rabinowitz JG, et al. *Am J Roentgenol Radium Ther Nucl Med* 121:35-44, May 74
- Trabecular pattern of the upper end of the femur in primary osteoarthritis and in symptomatic osteoporosis. Roh YS, et al. *J Belge Radiol* 57:89-94, Mar-Apr 74
- Joint manifestations of sickle cell disease. Espinoza LR, et al. *Medicine (Baltimore)* 53:295-305, Jul 74
- The efficacy of fine-detail radiography in the evaluation of patients with rheumatoid arthritis. Mall JC, et al. *Radiology* 112:37-42, Jul 74
- [Cooperative study on the long-term treatment of osteoporosis with small doses of thyrocalcitonin. Apropos of 55 cases] Bloch-Michel H, et al. *Rev Rhum Mal Osteoartic* 41:93-104, Feb 74 (Eng. Abstr.) (Fre)
- [Complications of hip endoprosthesis in the x-ray picture] Stock D, et al. *Radiologe* 14:108-13, Mar 74 (Ger)
- [Drug-induced hypercorticism and its effect on femur heads] Stein G. *Roentgenblätter* 25:86-7, Feb 72 (Eng. Abstr.) (Ger)
- [X-ray picture of experimental chronic polyarthritis in the rat] Wild AJ. *Verh Dtsch Ges Rheumatol* 3:163, 1974 (Ger)
- [Manifestation joint in degenerative bone diseases] Zinn WM. *Verh Dtsch Ges Rheumatol* 3:117-25, 1974 (Ger)

SURGERY

- [Total femur replacement using St. George's model of total hip and knee joint endoprosthesis] Engelbrecht E, et al. *Chirurg* 45:231-6, May 74 (Eng. Abstr.) (Ger)

THERAPY

- Letter: Calcitonin in steroid-induced osteoporosis. Palmieri GM, et al. *N Engl J Med* 290:1490-1, 27 Jun 74
- [Aging and diseases: osteoporosis] Okamoto T, et al. *Jap J Clin Med* 32:130-3, Jan 74 (16 ref.) (Jap)

URINE

- Letter: Calcitonin in steroid-induced osteoporosis. Palmieri GM, et al. *N Engl J Med* 290:1490-1, 27 Jun 74
- [Ability to correct induced hypercalcemia in elderly patients taking into consideration their bone condition] Gaslowska T. *Endokrynol Pol* 25:141-6, Mar-Apr 74 (Eng. Abstr.) (Pol)

PSEUDOHYPOPARATHYROIDISM

COMPLICATIONS

- Letter: The Capgras syndrome. Hay GG, et al. *Br J Psychiatry* 124:314-5, Mar 74

PARATHYROID AND BONE

RENAL OSTEODYSTROPHY

CLASSIFICATION

[Bone and cartilage diseases] Chlud K, et al.
Verh Dtsch Ges Rheumatol 3:186-7, 1974 (Ger)

COMPLICATIONS

Bilateral fracture of the femoral neck complicating uremic bone disease prior to chronic hemodialysis. Zingraff J, et al. Clin Nephrol 2:73-5, 1974
Bone disease in patients dialyzed with untreated water. Rashid A, et al. Med Instrum 8:204-6, May-Jun 74
[Effect of bone diseases on the morphology of the joints (lunatummalacia and sacroiliac pseudolization in renal osteopathy)] Dihlmann W. Verh Dtsch Ges Rheumatol 3:164-7, 1974 (Ger)
[Manifestations in metabolic bone diseases] Steiger U. Verh Dtsch Ges Rheumatol 3:135-41, 1974 (Ger)

DIAGNOSIS

Diagnostic significance of bone marrow biopsy in chronic renal disease. Fong TP, et al. Nephron 12:81-93, 1974
[Current aspects of clinical osteology from the viewpoint of medicine] Kuhlencordt F. Verh Dtsch Ges Rheumatol 3:98-105, 1974 (Ger)

DRUG THERAPY

Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. Kidney Int 4:161-7, Aug 73 (73 ref.)
Intestinal absorption of calcium and the effect of renal insufficiency. Coburn JW, et al. Kidney Int 4:96-104, Aug 73 (93 ref.)
Skeletal abnormalities in chronic renal insufficiency before and during maintenance hemodialysis. Ritz E, et al. Kidney Int 4:116-27, Aug 73

ETIOLOGY

The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF. Kidney Int 4:80-8, Aug 73 (65 ref.)
Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. Kidney Int 4:73-9, Aug 73 (53 ref.)
Divalent ions in renal failure. Introduction. Massry SG. Kidney Int 4:71-2, Aug 73
Skeletal abnormalities in chronic renal insufficiency before and during maintenance hemodialysis. Ritz E, et al. Kidney Int 4:116-27, Aug 73
Bone disease in patients dialyzed with untreated water. Rashid A, et al. Med Instrum 8:204-6, May-Jun 74
Relationship between magnesium and secondary hyperparathyroidism during long-term hemodialysis. Pletka P, et al. Metabolism 23:619-30, Jul 74
Hemodialysis and renal transplantation in children: the role of the pediatric nephrology team. Pediatrics 53:804-6, Jun 74
[Osteodystrophy and calcinosis in chronic renal failure treated by repeated hemodialysis] Bagon J, et al. J Radiol Electrol Med Nucl 55:35-9, Jan 74 (Eng. Abstr.) (Fre)
[Monstrous tumorous changes of the facial bones in secondary hyperparathyroidism (author's transl)] Pfeifle J, et al. Dtsch Med Wochenschr 99:389-91, 1 Mar 74 (Eng. Abstr.) (Ger)

METABOLISM

A calcium kinetic approach to the problem of renal osteodystrophy. Gonick HC, et al. Clin Orthop 100:315-36, May 74
Collagen metabolism, uremia and bone. Avioli LV. Kidney Int 4:105-15, Aug 73 (102 ref.)
Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. Kidney Int 4:161-7, Aug 73 (73 ref.)
Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. Kidney Int 4:73-9, Aug 73 (53 ref.)
Divalent ions in renal failure. Introduction. Massry SG. Kidney Int 4:71-2, Aug 73
Relationship between magnesium and secondary

hyperparathyroidism during long-term hemodialysis. Pletka P, et al. Metabolism 23:619-30, Jul 74
[Osteodystrophy and calcinosis in chronic renal failure treated by repeated hemodialysis] Bagon J, et al. J Radiol Electrol Med Nucl 55:35-9, Jan 74 (Eng. Abstr.) (Fre)
[Skeletal histology in uremic osteodystrophy following increase of dialysate calcium concentration to 3.75 mval-1 (preliminary report)] Malluche HH, et al. Verh Dtsch Ges Inn Med 79:729-31, 1973 (Ger)

PATHOLOGY

Bone disease in patients dialyzed with untreated water. Rashid A, et al. Med Instrum 8:204-6, May-Jun 74
Diagnostic significance of bone marrow biopsy in chronic renal disease. Fong TP, et al. Nephron 12:81-93, 1974
[Skeletal histology in uremic osteodystrophy following increase of dialysate calcium concentration to 3.75 mval-1 (preliminary report)] Malluche HH, et al. Verh Dtsch Ges Inn Med 79:729-31, 1973 (Ger)

RADIOGRAPHY

Skeletal abnormalities in chronic renal insufficiency before and during maintenance hemodialysis. Ritz E, et al. Kidney Int 4:116-27, Aug 73
Bone disease in patients dialyzed with untreated water. Rashid A, et al. Med Instrum 8:204-6, May-Jun 74
[Osteodystrophy and calcinosis in chronic renal failure treated by repeated hemodialysis] Bagon J, et al. J Radiol Electrol Med Nucl 55:35-9, Jan 74 (Eng. Abstr.) (Fre)

THERAPY

Divalent ions in renal failure. Introduction. Massry SG. Kidney Int 4:71-2, Aug 73

RICKETS

[Oral manifestations in vitamin metabolism disorders] Seeliger G. Zahnärztl Prax 25:161, 5 Apr 74 (Ger)

BLOOD

Parathyroid function in human vitamin D deficiency and vitamin D deficiency in primary hyperparathyroidism. Lumb GA, et al. Am J Med 56:833-9, Jun 74
Effect of Solanum malocoxylon on the serum levels of calcium and phosphate in thyroparathyroidectomized and rachitic rats. Campos C, et al. Calcif Tissue Res 13:245-8, 23 Oct 73
Role of 1,25-dihydroxyvitamin D3 in maintaining serum phosphorus and curing rickets. Tanaka Y, et al. Proc Natl Acad Sci USA 71:1040-4, Apr 74

CHEMICALLY INDUCED

[Craniotabes--induced by excessive dose of vitamin D] Bognár I, et al. Orv Hetil 115:1234-5, 26 May 74 (Hun)

COMPLICATIONS

Parathyroid function in human vitamin D deficiency and vitamin D deficiency in primary hyperparathyroidism. Lumb GA, et al. Am J Med 56:833-9, Jun 74
Effect of Solanum malocoxylon on the serum levels of calcium and phosphate in thyroparathyroidectomized and rachitic rats. Campos C, et al. Calcif Tissue Res 13:245-8, 23 Oct 73
[Osteomalacia: 24 cases] Chartier M, et al. Union Med Can 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)
[Vitamin D metabolism and rickets prevention] Kircher W. Wien Med Wochenschr 124:414-7, 22 Jun 74 (Ger)
[Surgical problems in deformities of the lower limbs. 2. Genu valgum (author's transl)] Reichelt A, et al. Z Orthop 111:200-4, Apr 73 (Eng. Abstr.) (Ger)

DRUG THERAPY

The physiologic significance of plasma transport of vitamin D and metabolites. Belsey R, et al. Am J Med 57:50-6, Jul 74 (24 ref.)
Circulating 25-hydroxyvitamin D in man. Haddad JG, et al. Am J Med 57:57-62, Jul 74

Rickets, growth, and alkaline phosphatase in urban adolescents. Cooke WT, et al.
Br Med J 2:293-7, 11 May 74

Jejunal calcium transport in health and metabolic bone disease: Effect of vitamin D. Soergel KH, et al.
Gastroenterology 67:28-34, Jul 74

Role of 1,25-dihydroxyvitamin D₃ in maintaining serum phosphorus and curing rickets. Tanaka Y, et al.
Proc Natl Acad Sci USA 71:1040-4, Apr 74

ENZYMOLGY

Rickets, growth, and alkaline phosphatase in urban adolescents. Cooke WT, et al.
Br Med J 2:293-7, 11 May 74

ETIOLOGY

Growth pattern and dietary intake of children with chronic renal insufficiency. Betts PR, et al.
Br Med J 2:189-93, 27 Apr 74

Complications of intravenous alimentation in seriously ill infants. Dimmick JE, et al.
Can J Surg 17:186-92, May 74

Celiac disease. The clinical presentation. Barry RE, et al.
Clin Gastroenterol 3:55-69, Jan 74

Celiac disease. The disorder in childhood. McNeish AS, et al.
Clin Gastroenterol 3:127-44, Jan 74 (82 ref.)

[Osteodystrophy and calcinosis in chronic renal failure treated by repeated hemodialysis] Bagon J, et al.
J Radiol Electrol Med Nucl 55:35-9, Jan 74 (Eng. Abstr.) (Fre)

[Changes in locomotor system in adults with hypophosphatemia and phosphate diabetes] Lenartowski E.
Wiad Lek 27:581-5, Apr 74 (Pol)

METABOLISM

Effect of calcitonin on P uptake in epiphyseal cartilages of P-deficient rats. Denis G, et al.
Can J Physiol Pharmacol 52:355-7, Apr 74

Jejunal calcium transport in health and metabolic bone disease: Effect of vitamin D. Soergel KH, et al.
Gastroenterology 67:28-34, Jul 74

[Vitamin D metabolism and rickets prevention] Kircher W.
Wien Med Wochenschr 124:414-7, 22 Jun 74 (Ger)

OCCURRENCE

A state health department assesses undernutrition. Langham RA.
J Am Diet Assoc 65:18-23, Jul 74

PATHOLOGY

[Influencing of endochondral ossification by thyro-parathyroidectomy and concurrent vitamin D deficiency] Riede UN, et al.
Arch Orthop Unfallchir 78:127-35, 30 Apr 74 (Eng. Abstr.) (Ger)

PREVENTION & CONTROL

[Vitamin D metabolism and rickets prevention] Kircher W.
Wien Med Wochenschr 124:414-7, 22 Jun 74 (Ger)

[Craniofacial-induced by excessive dose of vitamin D] Bognár I, et al.
Orv Hetil 115:1234-5, 26 May 74 (Hun)

[The antirachitic activity of lumisterol-3] Govseeva NN, et al.
Probl Actuals Endocrinol Nutr 10:328-30, Mar-Apr 74 (Eng. Abstr.) (Rus)

RICKETS, VITAMIN D RESISTANT

BLOOD

Jejunal calcium transport in health and metabolic bone disease: Effect of vitamin D. Soergel KH, et al.
Gastroenterology 67:28-34, Jul 74

Magnesium-dependent vitamin-D-resistant rickets. Reddy V, et al.
Lancet 1:963-5, 18 May 74

COMPLICATIONS

Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriver CR.
Am J Med 57:43-9, Jul 74 (44 ref.)

Roentgenography of the ear and eye in Pyle disease. Kim BH.
Arch Otolaryngol 99:458-61, Jun 74

Granuloma annulare and vitamin D resistant rickets. Robinowitz B, et al.
Cleve Clin Q 41:75-7, Summer 74

Magnesium-dependent vitamin-D-resistant rickets. Reddy V, et al.
Lancet 1:963-5, 18 May 74

[Studies of calcium phosphate metabolism in a case of McCune-Albright syndrome with phosphate diabetes (author's transl)] Grubbauer HM, et al.
Z Kinderheilkd 117:47-61, 8 Apr 74 (Eng. Abstr.) (Ger)

DRUG THERAPY

Jejunal calcium transport in health and metabolic bone disease: Effect of vitamin D. Soergel KH, et al.
Gastroenterology 67:28-34, Jul 74

Magnesium-dependent vitamin-D-resistant rickets. Reddy V, et al.
Lancet 1:963-5, 18 May 74

[Studies of calcium phosphate metabolism in a case of McCune-Albright syndrome with phosphate diabetes (author's transl)] Grubbauer HM, et al.
Z Kinderheilkd 117:47-61, 8 Apr 74 (Eng. Abstr.) (Ger)

ENZYMOLGY

Magnesium-dependent vitamin-D-resistant rickets. Reddy V, et al.
Lancet 1:963-5, 18 May 74

[Studies of calcium phosphate metabolism in a case of McCune-Albright syndrome with phosphate diabetes (author's transl)] Grubbauer HM, et al.
Z Kinderheilkd 117:47-61, 8 Apr 74 (Eng. Abstr.) (Ger)

ETIOLOGY

[Current aspects of clinical osteology from the viewpoint of medicine] Kuhlencordt F.
Verh Dtsch Ges Rheumatol 3:98-105, 1974 (Ger)

METABOLISM

Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriver CR.
Am J Med 57:43-9, Jul 74 (44 ref.)

Jejunal calcium transport in health and metabolic bone disease: Effect of vitamin D. Soergel KH, et al.
Gastroenterology 67:28-34, Jul 74

Metabolism and action of the hormone vitamin D. Its relation to diseases of calcium homeostasis. Coburn JW, et al.
West J Med 121:22-44, Jul 74 (212 ref.)

[Studies of calcium phosphate metabolism in a case of McCune-Albright syndrome with phosphate diabetes (author's transl)] Grubbauer HM, et al.
Z Kinderheilkd 117:47-61, 8 Apr 74 (Eng. Abstr.) (Ger)

RADIOGRAPHY

[Current aspects of clinical osteology from radiological point of view] Wieners H.
Verh Dtsch Ges Rheumatol 3:105-12, 1974 (Ger)

TETANY

Effect of calcitonin on P uptake in epiphyseal cartilages of P-deficient rats. Denis G, et al.
Can J Physiol Pharmacol 52:355-7, Apr 74

CHEMICALLY INDUCED

Clinicopathologic and ultrastructural studies of L-asparaginase-induced hypocalcemia in rabbits. An experimental animal model of acute hypoparathyroidism. Young DM, et al.
Lab Invest 29:374-86, Oct 73

COMPLICATIONS

[Case of spontaneous hypoparathyroidism] Sugimoto T, et al.
Clin Endocrinol (Tokyo) 22:409-12, Mar 74 (Jap)

ETIOLOGY

[Vitamin D metabolism and rickets prevention] Kircher W.
Wien Med Wochenschr 124:414-7, 22 Jun 74 (Ger)

THERAPY

[Neonatal tetany] Yoshida H.
Clin Endocrinol (Tokyo) 22:72-3, Jan 74 (Jap)

VITAMIN A

VITAMIN A

Stability of solids and solid dosage forms. Carstensen JT. *J Pharm Sci* 63:1-14, Jan 74 (127 ref.)

ADMINISTRATION & DOSAGE

[Supply of vitamins and iron to premature babies] Lindberg T. *Lakartidningen* 70:3260-2, 19 Sep 73 (32 ref.) (Eng. Abstr.) (Swe)

THERAPEUTIC USE

Calf diarrhea control in a dairy operation. Vollmar RE. *Mod Vet Pract* 55:509 passim, Jul 74

VITAMIN D

A recognition of the interrelationship of calcium with various dietary components. McBean LD, et al. *Am J Clin Nutr* 27:803-9, Jun 74 (47 ref.)

Chemical composition, affinity for calcium, and some related properties of the vitamin D dependent calcium-binding protein. Bredderman PJ, et al. *Biochemistry* 13:1687-94, 9 Apr 74

Growth pattern and dietary intake of children with chronic renal insufficiency. Betts PR, et al. *Br Med J* 2:189-93, 27 Apr 74

Stability of solids and solid dosage forms. Carstensen JT. *J Pharm Sci* 63:1-14, Jan 74 (127 ref.)

Metabolism and action of the hormone vitamin D. Its relation to diseases of calcium homeostasis. Coburn JW, et al. *West J Med* 121:22-44, Jul 74 (212 ref.)

[Metabolism and mechanism of vitamin D] Pietrek J. *Pol Arch Med Wewn* 51:425-32, Apr 74 (20 ref.) (Pol)

ADMINISTRATION & DOSAGE

The therapeutic approach to hypoparathyroidism. Avioli LV. *Am J Med* 57:34-42, Jul 74 (103 ref.)

Circulating 25-hydroxyvitamin D in man. Haddad JG, et al. *Am J Med* 57:57-62, Jul 74

"Anticonvulsant action" of vitamin D in epileptic patients? A controlled pilot study. Christiansen C, et al. *Br Med J* 2:258-9, 4 May 74

Experimental acute lead encephalopathy in the juvenile rhesus monkey. Clasen RA, et al. *Environ Health Perspect* 7:175-85, May 74

Vitamin C intake and plasma level among aged people in Finland. Roine P, et al. *Int J Vitam Nutr Res* 44:95-106, 1974

[Studies of calcium phosphate metabolism in a case of McCune-Albright syndrome with phosphate diabetes (author's transl)] Grubbauer HM, et al. *Z Kinderheilkd* 117:47-61, 8 Apr 74 (Eng. Abstr.) (Ger)

[Supply of vitamins and iron to premature babies] Lindberg T. *Lakartidningen* 70:3260-2, 19 Sep 73 (32 ref.) (Eng. Abstr.) (Swe)

ADVERSE EFFECTS

The therapeutic approach to hypoparathyroidism. Avioli LV. *Am J Med* 57:34-42, Jul 74 (103 ref.)

[Iatrogenic hypercalcemia] Mihalca E, et al. *Pediatrics* (Bucur) 22:445-52, Sep-Oct 73 (Eng. Abstr.) (Rum)

[Calcinosis universalis in a 5-year-old child] Grishchenko KM, et al. *Pediatr Akush Ginekol* 3:30, 1973 (Ukr)

BIOSYNTHESIS

Circulating 25-hydroxyvitamin D in man. Haddad JG, et al. *Am J Med* 57:57-62, Jul 74

Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriver CR. *Am J Med* 57:43-9, Jul 74 (44 ref.)

BLOOD

The physiologic significance of plasma transport of vitamin D and metabolites. Belsey R, et al. *Am J Med* 57:50-6, Jul 74 (24 ref.)

Circulating 25-hydroxyvitamin D in man. Haddad JG, et al. *Am J Med* 57:57-62, Jul 74

PARATHYROID AND BONE

CHEMICAL SYNTHESIS

The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF. *Kidney Int* 4:80-8, Aug 73 (65 ref.)

METABOLISM

Third F. Raymond Keating, JR., Memorial Symposium--parathyroid hormone, calcitonin and vitamin D: clinical considerations. I. Introduction. Arnaud CD. *Am J Med* 56:743-50, Jun 74

The physiologic significance of plasma transport of vitamin D and metabolites. Belsey R, et al. *Am J Med* 57:50-6, Jul 74 (24 ref.)

Third F. Raymond Keating, JR., Memorial Symposium--parathyroid hormone, calcitonin and vitamin D: clinical considerations. II. Vitamin D--1973. DeLuca HF. *Am J Med* 57:1-12, Jul 74 (79 ref.)

Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)

Effect of phenobarbital treatment on vitamin D metabolism in mammals. Silver J, et al. *Clin Sci Mol Med* 46:433-48, Apr 74

Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I. *Curr Top Exp Endocrinol* 2:179-93, 1974 (57 ref.)

Nutritional factors and susceptibility to lead toxicity. Mahaffey KR. *Environ Health Perspect* 7:107-12, May 74

A review: the importance of nutrition in oral health. McBean LD, et al. *J Am Dent Assoc* 89:109-14, Jul 74

Hyperparathyroidism and renal failure. Arnaud CD. *Kidney Int* 4:89-95, Aug 73 (56 ref.)

Editorial: Vitamin D, the kidney and calcium homeostasis. Avioli LV. *Kidney Int* 2:241-6, Nov 72 (62 ref.)

Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. *Kidney Int* 4:161-7, Aug 73 (73 ref.)

The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF. *Kidney Int* 4:80-8, Aug 73 (65 ref.)

Divalent ions in renal failure. Introduction. Massry SG. *Kidney Int* 4:71-2, Aug 73

Metabolic bone disease in patients on maintenance hemodialysis. Ritz E, et al. *Nephron* 12:393-404, 1974

Metabolism and action of the hormone vitamin D. Its relation to diseases of calcium homeostasis. Coburn JW, et al. *West J Med* 121:22-44, Jul 74 (212 ref.)

[What could be done for a high concentration of blood urea?] Kuntzinger H. *Bull Soc Sci Med Grand Duche Luxemb* 111:27-38, Apr 74 (Fre)

[Current aspects of clinical osteology from the viewpoint of medicine] Kuhlencordt F. *Verh Dtsch Ges Rheumatol* 3:98-105, 1974 (Ger)

[Vitamin D metabolism and rickets prevention] Kircher W. *Wien Med Wochenschr* 124:414-7, 22 Jun 74 (Ger)

[Oral manifestations of hypoparathyroidism] Raczew Z. *Czas Stomatol* 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)

[Metabolism and mechanism of vitamin D] Pietrek J. *Pol Arch Med Wewn* 51:425-32, Apr 74 (20 ref.) (Pol)

PHARMACODYNAMICS

Renal actions of vitamin D in D-deficient rats. Costanzo LS, et al. *Am J Physiol* 226:1490-5, Jun 74

Action of Solanum malacoxylon on calcium metabolism in the rat. Uribe A, et al. *Biochem Biophys Res Commun* 58:257-62, 7 May 74

Jejunum calcium transport in health and metabolic bone disease: Effect of vitamin D. Soergel KH, et al. *Gastroenterology* 67:28-34, Jul 74

Kinetic studies of calcium movements in intestinal cells: effects of vitamin D deficiency and treatment. Borle AB. *J Membr Biol* 16:207-20, 1974

Editorial: Site and control of phosphate reabsorption by the kidney. Knox FG, et al. *Kidney Int* 3:347-53, Jun 73

Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. Welsbrode SE, et al. *Lab Invest* 30:786-94, Jun 74

Proceedings: Effect of vitamin D and its metabolites on bone in tissue culture. Atkins D, et al. *N Engl J Med* 291:ixxi-ixxx, 11 Jun 74

Calcium uptake by sarcoplasmic reticulum of muscle from vitamin D-deficient rabbits. Curry OB, et al. *Nature* 249:83-4, 3 May 74

Calcium and phosphate metabolism and the bone. Morgan DB. *Prog Surg* 10:24-75, 1972 (111 ref.)

Recent advances in the pathophysiology of the parathyroid glands. Moor P de, et al.

Verh K Vlaam Acad Geneesk Belg 36:106-34, 1974

Metabolism and action of the hormone vitamin D. Its relation to diseases of calcium homeostasis. Coburn JW, et al. *West J Med* 121:22-44, Jul 74 (212 ref.)

[Experimental calcifying pancreatitis] Klemm G, et al. *Z Gesamte Inn Med* 29:161-2, 15 Feb 74 (Eng. Abstr.) (Ger)

[Processes of peroxidation and the role of alimentary factors in its regulation] Spirichev VB. *Vopr Pitani* 33:9-19, May-Jun 74 (Rus)

PHYSIOLOGY

The physiologic significance of plasma transport of vitamin D and metabolites. Belsey R, et al. *Am J Med* 57:50-6, Jul 74 (24 ref.)

Third F. Raymond Keating, Jr., Memorial Symposium--parathyroid hormone, calcitonin and vitamin D: clinical considerations. II. Vitamin D--1973. DeLuca HF. *Am J Med* 57:1-12, Jul 74 (79 ref.)

Effect of actinomycin D on vitamin D-mediated uptake of ⁴⁵Ca by intestinal slices. Ziporin ZZ, et al. *Calcif Tissue Res* 13:187-96, 23 Oct 73

Editorial: Vitamin D, the kidney and calcium homeostasis. Avioli LV.

Kidney Int 2:241-6, Nov 72 (62 ref.)

Intestinal absorption of calcium and the effect of renal insufficiency. Coburn JW, et al.

Kidney Int 4:98-104, Aug 73 (93 ref.)

[Osteomalacia: 24 cases] Chartier M, et al. *Union Med Can* 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)

[Metabolism and mechanism of vitamin D] Pietrek J. *Pol Arch Med Wewn* 51:425-32, Apr 74 (20 ref.) (Pol)

[Vitamin D as a hormone] Michajlik A. *Wiad Lek* 27:195-6, 15 Jan 74 (Pol)

THERAPEUTIC USE

The therapeutic approach to hypoparathyroidism. Avioli LV. *Am J Med* 57:34-42, Jul 74 (103 ref.)

Circulating 25-hydroxyvitamin D in man. Haddad JG, et al. *Am J Med* 57:57-62, Jul 74

"Anticonvulsant action" of vitamin D in epileptic patients? A controlled pilot study. Christiansen C, et al. *Br Med J* 2:258-9, 4 May 74

Letter: Anticonvulsant osteomalacia and vitamin D. Rodbro P, et al. *Br Med J* 2:867-8, 22 Jun 74

Jejunal calcium transport in health and metabolic bone disease: Effect of vitamin D. Soergel KH, et al. *Gastroenterology* 67:28-34, Jul 74

Urinary magnesium excretion in patients on regular haemodialysis and vitamin D treatment. Revúsová V, et al. *Int Urol Nephrol* 5:325-9, 1974

Correlation of serum, bone and urinary hydroxyproline in nutritional osteomalacia. Rizvi SN, et al. *J Assoc Physicians India* 21:189-93, Feb 73

Editorial: Vitamin D, the kidney and calcium homeostasis. Avioli LV.

Kidney Int 2:241-6, Nov 72 (62 ref.)

Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. *Kidney Int* 4:161-7, Aug 73 (73 ref.)

Divalent ions in renal failure. Introduction. Massry SG. *Kidney Int* 4:71-2, Aug 73

Skeletal abnormalities in chronic renal insufficiency before and during maintenance hemodialysis. Ritz E, et al. *Kidney Int* 4:116-27, Aug 73

Calf diarrhea control in a dairy operation. Vollmar RE. *Mod Vet Pract* 55:509 passim, Jul 74

[Osteomalacia: 24 cases] Chartier M, et al. *Union Med Can* 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)

[Hypoparathyroidism (in adults)] Moril H. *Clin Endocrinol (Tokyo)* 22:36-7, Jan 74 (Jap)

TOXICITY

Nephropathy after acute hypervitaminosis-D (an experimental study). Arya SN, et al. *J Indian Med Assoc* 61:503-6, 16 Dec 73

VITAMIN D DEFICIENCY

BLOOD

Parathyroid function in human vitamin D deficiency and vitamin D deficiency in primary hyperparathyroidism. Lumb GA, et al. *Am J Med* 56:833-9, Jun 74

Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriver CR. *Am J Med* 57:43-9, Jul 74 (44 ref.)

CHEMICALLY INDUCED

Prevalence and treatment of vitamin D deficiency in children on anticonvulsant drugs. Silver J, et al. *Arch Dis Child* 49:344-50, May 74

COMPLICATIONS

Parathyroid function in human vitamin D deficiency and vitamin D deficiency in primary hyperparathyroidism. Lumb GA, et al. *Am J Med* 56:833-9, Jun 74

1,25-dihydroxyvitamin D₃: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. *Am J Med* 57:21-7, Jul 74 (43 ref.)

Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriver CR. *Am J Med* 57:43-9, Jul 74 (44 ref.)

Effects of cholecalciferol on bone formation and serum calcium, phosphate and magnesium in chicks. Ramp WK, et al. *J Nutr* 104:803-9, Jul 74

Fracture of the femoral neck in the elderly: bone aging or disease? Solomon L. *S Afr J Surg* 11:269-79, Dec 73

[Osteomalacia: 24 cases] Chartier M, et al. *Union Med Can* 102:1263-77, Jun 73 (Eng. Abstr.) (Fre)

[The reaction pattern of liver-peroxisomes (equal microbodies) during cell-injury (author's transl)] Riede UN, et al. *Beitr Pathol* 151:111-33, Feb 74 (75 ref.) (Ger)

DRUG THERAPY

Prevalence and treatment of vitamin D deficiency in children on anticonvulsant drugs. Silver J, et al. *Arch Dis Child* 49:344-50, May 74

Rickets, growth, and alkaline phosphatase in urban adolescents. Cooke WT, et al. *Br Med J* 2:293-7, 11 May 74

ETIOLOGY

Coeliac disease. The clinical presentation. Barry RE, et al. *Clin Gastroenterol* 3:55-69, Jan 74

Metabolic bone disease in patients on maintenance hemodialysis. Ritz E, et al. *Nephron* 12:393-404, 1974

IMMUNOLOGY

Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriver CR. *Am J Med* 57:43-9, Jul 74 (44 ref.)

METABOLISM

Third F. Raymond Keating, JR., Memorial Symposium--parathyroid hormone, calcitonin and vitamin D: clinical considerations. I. Introduction. Arnaud CD. *Am J Med* 56:743-50, Jun 74

Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)

Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriver CR. *Am J Med* 57:43-9, Jul 74 (44 ref.)

Renal actions of vitamin D in D-deficient rats. Costanzo LS, et al. *Am J Physiol* 226:1490-5, Jun 74

Prevalence and treatment of vitamin D deficiency in children on anticonvulsant drugs. Silver J, et al. *Arch Dis Child* 49:344-50, May 74

Action of Solanum malacoxylon on calcium metabolism in the rat. Uribe A, et al. *Biochem Biophys Res Commun* 58:257-62, 7 May 74

Kinetic studies of calcium movements in intestinal cells: effects of vitamin D deficiency and treatment. Borle AB. *J Membr Biol* 16:207-20, 1974

Effects of cholecalciferol on bone formation and serum calcium, phosphate and magnesium in chicks. Ramp WK, et al. *J Nutr* 104:803-9, Jul 74

VITAMIN D PARATHYROID AND BONE

Calcium uptake by sarcoplasmic reticulum of muscle from vitamin D-deficient rabbits. Curry OB, et al. *Nature* 249:83-4, 3 May 74
Metabolism and action of the hormone vitamin D. Its relation to diseases of calcium homeostasis. Coburn JW, et al. *West J Med* 121:22-44, Jul 74 (212 ref.)

OCCURRENCE

Prevalence and treatment of vitamin D deficiency in children on anticonvulsant drugs. Silver J, et al. *Arch Dis Child* 49:344-50, May 74

PATHOLOGY

Metabolic bone disease in patients on maintenance hemodialysis. Ritz E, et al. *Nephron* 12:393-404, 1974

PHYSIOPATHOLOGY

Third F. Raymond Keating, Jr., Memorial Symposium--parathyroid hormone, calcitonin and vitamin D: clinical considerations. II. Vitamin D--1973. DeLuca HF. *Am J Med* 57:1-12, Jul 74 (79 ref.)
Parathyroid function in human vitamin D deficiency and vitamin D deficiency in primary hyperparathyroidism. Lumb GA, et al. *Am J Med* 56:833-9, Jun 74
Effects of dietary vitamin D levels on the in vitro mineralization of chick metaphyses. Crenshaw MA, et al. *Proc Soc Exp Biol Med* 146:488-93, Jun 74
[Influencing of endochondral ossification by thyro-parathyroidectomy and concurrent vitamin D deficiency] Riede UN, et al. *Arch Orthop Unfallchir* 78:127-35, 30 Apr 74 (Eng. Abstr.) (Ger)

RADIOGRAPHY

[Current aspects of clinical osteology from radiological point of view] Wieners H. *Verh Dtsch Ges Rheumatol* 3:105-12, 1974 (Ger)

URINE

Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriver CR. *Am J Med* 57:43-9, Jul 74 (44 ref.)

NEUROENDOCRINOLOGY

I. Physical and Functional Aspects

AMYGDALOID BODY

Generalized convulsive seizures induced by daily electrical stimulation of the amygdala in cats. Correlative electrographic and behavioral features. Wada JA, et al. *Neurology (Minneapolis)* 24:565-74, Jun 74

ANALYSIS

Proceedings: Dihydrotestosterone binding in brain and pituitary cytosol of rats. Ginsburg M, et al. *J Endocrinol* 61:xxiv, Apr 74
[Trace elements in human brain. II. Copper, zinc, calcium and magnesium of 13 brain areas compared to iron during the 4th to 8th life decade (author's transl)] Ule G, et al.
Z Neurol 206:117-28, 27 Feb 74 (Eng. Abstr.) (Ger)

ANATOMY & HISTOLOGY

A radioautographic study of the efferent pathways of the nucleus locus coeruleus. Pickel VM, et al. *J Comp Neurol* 155:15-42, 1 May 74
The telencephalon of the newborn dogfish shark, *Squalus acanthias*. Williams HT.
J Hirnforsch 14:261-85, 1973
[Pigmental architecture of cerebral cortex in the human] Braak H. *Verh Anat Ges* 67:577-82, 1972 (Ger)

DRUG EFFECTS

Central nervous systems' effects of isoflurane (Forane). Kavan EM, et al.
Can Anaesth Soc J 21:390-402, Jul 74
Behavioral effect of intracerebrally injected carbachol on unrestrained cats. Decal L.
Pharmacol Biochem Behav 2:141-3, Jan-Feb 74
Influence of anticholinergic drugs on after-discharges and activity of epileptogenic foci in rabbit hippocampus. Gusek WA.
Pharmacol Biochem Behav 2:1-7, Jan-Feb 74
Comparison of the effect of prostaglandin E1 and norepinephrine injected into the brain on ingestive behavior in the rat. Whishaw IQ, et al.
Pharmacol Biochem Behav 2:421-5, May 74
Effects of intracerebral implants of steroid hormones on scent marking in the ovariectomized female gerbil (*Meriones unguiculatus*). Owen K, et al.
Physiol Behav 12:755-60, May 74
[Electroencephalographic effects of hydroxyzine hydrochloride (Atarax)] Watanabe S, et al.
Folia Pharmacol Jap 70:19-37, Jan 74 (Eng. Abstr.) (Jap)

ENZYMOLGY

Histochemical localization of acetylcholinesterase enzyme in the 'limbic system' of the brain of the squirrel monkey (*Saimiri sciureus*). Girgis M.
Acta Anat (Basel) 87:321-33, 1974

METABOLISM

Proceedings: Specificity of oestradiol high-affinity binding in cytosol from the brain and pituitary of the rat. Ginsburg M, et al. *J Endocrinol* 61:23-4, Apr 74
An improved method for the study of high-affinity steroid binding: oestradiol binding in brain and pituitary. Ginsburg M, et al. *Steroids* 23:773-92, Jun 74

PHYSIOLOGY

Human growth hormone. A symposium. Maclaren NK, et al. *Am J Dis Child* 127:906-8, Jun 74
Effects of amygdaloid lesions upon FR performance in rats. Levine MS, et al. *Behav Biol* 10:511-8, Apr 74
Effects of current intensity on kindled motor seizure activity in rats. Pinel JP, et al.
Behav Biol 11:59-68, May 74
Catecholamine systems as the neural substrate for intracranial self-stimulation: a hypothesis. German DC, et al. *Brain Res* 73:381-419, 28 Jun 74 (211 ref.)
Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al.
Brain Res 74:279-303, 12 Jul 74
Effects of electrical stimulation of the brain on gonadotropin secretion in male rats. Kawakami M, et al. *Endocrinol Jap* 20:447-54, Oct 73
Patterns of ovulation-inducing LH release following coltus, electrical stimulation and exogenous LH-RH in the rabbit. Kanematsu S, et al.
Endocrinology 95:247-52, Jul 74
Septal lesions: effects on lordosis behavior and pattern of gonadotropin release. Nance DM, et al.
Horm Behav 5:73-81, Mar 74
Proceedings: Amygdaloid lesions and circadian rhythm in rats. Meyer J. *J Anat* 116:473, Dec 73
Proceedings: Amygdaloid lesions and post-operative recovery rates in rats. Meyer J. *J Anat* 116:473, Dec 73
Behavioral reactivity, appetitive behavior, and visual evoked potentials to photic stimuli following amygdaloid lesions in rats. Schaefer CF Jr, et al.
J Comp Physiol Psychol 86:793-811, May 74
Comparison of the effect of prostaglandin E1 and norepinephrine injected into the brain on ingestive behavior in the rat. Whishaw IQ, et al.
Pharmacol Biochem Behav 2:421-5, May 74
Memory disruption by unilateral low level, sub-seizure stimulation of the medial amygdaloid nucleus. Bresnahan E, et al. *Physiol Behav* 9:513-25, Oct 72
A failure of amygdaloid lesions to alter agonistic behavior in the laboratory rat. Busch DE, et al.
Physiol Behav 12:887-92, May 74
Influence of some limbic structures upon somatic and autonomic manifestations of pain. Lico MC, et al.
Physiol Behav 12:805-11, May 74
Interaction between hypothalamus, amygdala and septal area in the control of sodium chloride intake. Saad WA, et al. *Physiol Behav* 9:629-36, Oct 72
Effects of adrenal steroids on brain function and behavior. Korányi L. *Prog Brain Res* 39:111-23, 1973
A role for the amygdala in the development of the cataleptic and stereotypic actions of the narcotic agonists and antagonists in the rat. Costall B, et al. *Psychopharmacologia* 35:203-13, 27 Feb 74
[Regional blood flow in the brain. 3. Effects of electrical stimulation of the brain stem reticular formation, hippocampus and the septum on regional blood flow and the electroencephalograms] Nishino H.
Folia Pharmacol Jap 69:855-62, Nov 73 (Eng. Abstr.) (Jap)
[Effect of convulsive activity, induced by stimulation of the amygdaloid complex, on cerebral integrative activity] Makarov VA, et al.
Dokl Akad Nauk SSSR 213:749-52, 21 Nov 73 (Rus)
[Seizure activity in limbic system structure upon daily

NEUROENDOCRINOLOGY

repeated electric stimulation] Karamyshev VD.
Neirofiziolgiia 6:26-36, Jan-Feb 74 (Eng. Abstr.)
(Rus)

SURGERY

Proceedings: Amygdaloid lesions and post-operative recovery rates in rats. Meyer J. J Anat 116:473, Dec 73
Proceedings: Amygdaloid lesions and circadian rhythm in rats. Meyer J. J Anat 116:473, Dec 73
Stereotactic amygdalotomy for aggressive behaviour. Kiloh LG, et al.
J Neurol Neurosurg Psychiatry 37:437-44, Apr 74

HYPOTHALAMO-HYPOPHYSEAL SYSTEM

How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WW.
Prog Brain Res 39:21-39, 1973 (80 ref.)
Plasma prolactin and luteinizing hormone levels in anorexia nervosa. Beumont PJ, et al.
Psychol Med 4:219-21, May 74
[Hypothalamo-hypophyseal syndromes. 2] Lutton JP, et al. Rev Infirm 24:113-6, Feb 74 (Fre)
[Hypothalamo-hypophyseal syndromes. 1] Lutton JP, et al. Rev Infirm 24:13-8, Jan 74 (Fre)

ANALYSIS

Thyrotropin-releasing hormone in specific nuclei of rat brain. Brownstein MJ, et al. Science 185:267-9, 19 Jul 74

ANATOMY & HISTOLOGY

[Hypothalamus of Papio papio (Desm.): stereotaxy, cytology and neurosecretory changes related to light-induced epileptic seizures] Riche D.
J Hirnforsch 14:527-47, 1973 (Fre)

CYTOLOGY

The hypothalamo-hypophyseal system in Acipenseridae. IV. The functional morphology of the neurohypophysis of Acipenser guldenstädti Brandt and Acipenser stellatus Pallas after exposure to different salinities. Polenov AL, et al.
Cell Tissue Res 148:259-75, 11 Apr 74
Input to releasing factor cells. Cramer OM, et al.
Prog Brain Res 39:73-85, 1973

DRUG EFFECTS

Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al.
Am J Obstet Gynecol 118:337-43, 1 Feb 74 (43 ref.)
Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al.
Brain Res 74:279-303, 12 Jul 74
Proceedings: Effect of monosodium-L-glutamate on the median eminence of rats and mice. Helme RD, et al. J Anat 116:466, Dec 73
Proceedings: Hypothalamic sites of action of progesterone in the control of ovulation in the rat. Friedkalns J. J Anat 116:466-7, Dec 73
Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al.
Yale J Biol Med 46:314-23, Oct 73 (43 ref.)
[Comparative pharmacological effect on some reactive links in the body of experimental animals] Neshev G. Eksp Med Morfol 13:50-4, 1974 (Eng. Abstr.) (Bul)
[Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hannemann HR.
Med Klin 69:513-24, 29 Mar 74 (136 ref.) (Ger)
[Effect of propranolol on the function of the hypothalamo-pituitary-adrenal system in normal and obese subjects during insulin test of hypoglycemia] Balestreri R, et al.
Arch E Maragliano Patol Clin 29:15-35, Jan 73 (Eng. Abstr.) (Ita)
[Effect of pyrogenal fever on the reaction of the hypothalamic neurosecretory system] Gul'ants ES, et

al.
Patol Fiziol Eksp Ter 10:58-60, May 74 (Eng. Abstr.)
(Rus)

EMBRYOLOGY

[Development of the hypothalamo-pituitary-thyroid functional system] Dedov II.
Dokl Akad Nauk SSSR 216:235-8, 1 May 74 (Rus)

GROWTH & DEVELOPMENT

[Development of the hypothalamo-pituitary-thyroid functional system] Dedov II.
Dokl Akad Nauk SSSR 216:235-8, 1 May 74 (Rus)

INJURIES

[Treatment of hypophyseal dwarfism with a commercial STH preparation (author's transl)] Tietze HU, et al.
Klin Paediatr 186:84-7, Jan 74 (Eng. Abstr.) (Ger)

INNERVATION

How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WW.
Prog Brain Res 39:21-39, 1973 (80 ref.)
[Changes of hypothalamo-hypophyseal neurosecretory system of rats under conditions of prolonged hypoxia] Krasnovskala IA.
Probl Endokrinol (Mosk) 20:53-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

METABOLISM

In vivo incorporation of L-(3H)arginine into proteins of anterior pituitary gland and hypothalamus of intact and castrated rats. Vijayan E.
Brain Res 72:241-50, 7 Jun 74
The effect of morphine on pituitary-thyroid function in the rat. Bakke JL, et al.
Eur J Pharmacol 25:402-6, Mar 74
New findings on the central control of gonadotrophin secretion. Motta M, et al.
J Reprod Fertil [Suppl] 20:27-52, Dec 73 (35 ref.)
[Aspects of hypersexuality observed in parkinsonian patients treated by L-dopa] Ballivet J, et al.
Ann Med Psychol (Paris) 2:515-22, Nov 73 (Fre)
[Molecular relationship of oxytocin and neurophysin in the neurohypophysis and hypothalamus of the rat-radiolimmunoassay] Fabert VG, et al.
Endokrinologie 62:291-6, 1973 (Eng. Abstr.) (Ger)
[Effect of propranolol on the function of the hypothalamo-pituitary-adrenal system in normal and obese subjects during insulin test of hypoglycemia] Balestreri R, et al.
Arch E Maragliano Patol Clin 29:15-35, Jan 73 (Eng. Abstr.) (Ita)
[Current possibilities of neuro-endocrine semelology in anorexia nervosa. Report of a clinical case] Rolandi E, et al.
Arch E Maragliano Patol Clin 29:109-15, Jan 73 (Eng. Abstr.) (Ita)
[Endocrine sterility. Diagnosis and treatment] Campagnoli C. Minerva Ginecol 28:159-65, Mar 74 (Ita)

PATHOLOGY

[Changes of hypothalamo-hypophyseal neurosecretory system of rats under conditions of prolonged hypoxia] Krasnovskala IA.
Probl Endokrinol (Mosk) 20:53-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al.
Am J Obstet Gynecol 118:337-43, 1 Feb 74 (43 ref.)
An integrated direct functional test of the adeno-hypophysis. Rakoff J, et al.
Am J Obstet Gynecol 119:358-68, 1 Jun 74
The evolutionary history of the corpus luteum. Browning HC. Biol Reprod 8:128-57, Mar 73 (156 ref.)
Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin:

NEUROENDOCRINOLOGY

- extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al.
Brain Res 74:279-303, 12 Jul 74
- Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974
- Hypothalamic control of anterior pituitary hormone secretion--characterized hypothalamic-hypophysiotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
- Plasma and pituitary luteinizing hormone in intact and castrated tree sparrows (*Spizella arborea*) during a photoinduced gonadal cycle. Wilson FE, et al. *Gen Comp Endocrinol* 23:82-93, May 74
- Effects of light environment on emotionality and endocrine system of inbred mice. Mos L, et al. *Physiol Behav* 12:981-9, Jun 74
- Further observations on the structure and function of median eminence, with reference to the organization of RF-producing elements in the endocrine hypothalamus. Knigge KM, et al.
Prog Brain Res 39:7-20, 1973
- Endocrine profiles in the clinical laboratory. Bacchus H. *Prog Clin Pathol* 4:1-110, 1972 (217 ref.)
- [Hypothalamo-hypophyseal system in the control of gonadic function] Martini L.
Minerva Ginecol 26:62-4, Feb 74 (Ita)
- [Role of androgenic hormones in the formation of the gonadotropic function of the hypothalamo-hypophyseal system in girls at different stages of ontogenesis] Tkachenko NM, et al.
Aktuel Probl Klin Biochem 49:61-4, Jul 73 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

- Reset of osmoreceptors in association with normovolemic hyponatremia. Michell MF, et al.
Am J Med Sci 267:267-73, May 74
- Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. Daly JR, et al.
Br Med J 2:521-4, 8 Jun 74
- Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al.
J Clin Endocrinol Metab 38:1083-9, Jun 74
- Growth hormone abnormalities in Huntington's chorea: effect of L-dopa administration. Podolsky S, et al.
J Clin Endocrinol Metab 39:36-9, Jul 74
- Growth hormone in adults with protein-calorie malnutrition. Smith SR, et al.
J Clin Endocrinol Metab 39:53-62, Jul 74
- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al.
J Clin Invest 53:1588-98, Jun 74
- Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al.
Yale J Biol Med 46:314-23, Oct 73 (43 ref.)
- [Amenorrhea in emotional anorexia] Klotz HP, et al.
Ann Med Interne (Paris) 124:789-91, Nov 73 (Fre)
- [Acromegaly syndrome: choice of surgical technic] Basso A, et al.
Neurochirurgie 19:537-44, Nov 73 (Eng. Abstr.) (Fre)
- [Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al.
Folia Endocrinol (Roma) 27:303-27, Jun 74 (Eng. Abstr.) (Ita)
- [Functional exploration of the hypothalamic-pituitary-adrenal cortex system in the chronic form of Chagas' disease] Klimachi T, et al.
Rev Assoc Med Bras 20:57-66, Feb 74 (Eng. Abstr.) (Por)
- [Effect of pyrogenal fever on the reaction of the hypothalamic neurosecretory system] Gul'ants ES, et al.
Patol Fiziol Eksp Ter 10:58-60, May 74 (Eng. Abstr.) (Rus)
- [Changes of hypothalamo-hypophyseal neurosecretory system of rats under conditions of prolonged hypoxia] Krasnovskaya IA.
Probl Endocrinol (Mosk) 20:53-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

HYPOTHALAMUS

- Diminishing corticotrope capacity to release ACTH during sustained stimulation: the twenty-four hours

- after bilateral adrenalectomy in the rat. Dallman MF, et al. *Endocrinology* 95:65-73, Jul 74
- Purified somatotrophs from rat adenohypophysis: response to secretagogues. Kraicer J, et al.
Endocrinology 94:1525-30, Jun 74
- Hypothalamic regulation of energy balance and feeding behavior. Panksepp J.
Fed Proc 33:1150-65, May 74 (164 ref.)
- Letter: Homing of lymphocytes. Tashima CK, et al.
Lancet 1:994-5, 18 May 74
- Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylate cyclase and cyclic adenosine 3',5' monophosphate by hypothalamic extract. Zor U, et al.
Metabolism 23:549-59, Jun 74
- Proceedings: The organizing action of androgen in neonatal hamsters studied by intrahypothalamic implantation. Brayshaw JS, et al.
N Engl J Med 291:47-8, 11 Jun 74
- Chemistry of hypothalamic releasing factors. Burgus R, et al. *Prog Brain Res* 39:41-51, 1973 (37 ref.)
- Behavioral aspects of melanocyte-stimulating hormone (MSH). Kastin AJ, et al.
Prog Brain Res 39:461-70, 1973 (38 ref.)
- Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL.
Prog Brain Res 39:361-72, 1973 (33 ref.)
- Cardiac abnormalities in subarachnoid hemorrhage: a resumé. Weintraub BM, et al.
Stroke 5:384-92, May-Jun 74 (88 ref.)
- [Morphometric studies on optical and neuroendocrinological centers following unilateral blinding] Hartwig HG, et al.
Verh Anat Ges 67:317-9, 1972 (Ger)
- [Structure and function of hypothalamic hormones] Klimmek R. *Folia Med Cracov* 16:120, 1974 (Pol)
- [Limiting the diagnosis of "diencephalic syndrome"] Sodkin IS. *Klin Med (Mosk)* 51:140-3, Sep 73 (Rus)

ANALYSIS

- The vasopressin and oxytocin content in the hypothalamus and neurohypophysis during long-time dehydration in rats. Guzek JW, et al.
Acta Physiol Pol 25:187-9, Mar-Apr 74
- Enzymatic-isotopic method for octopamine at the picogram level. Saavedra JM.
Anal Biochem 59:628-33, Jun 74
- Identification and distribution of p-tyramine in the rat. Phillips SR, et al. *Can J Biochem* 52:366-73, May 74
- Localization of thyrotropin-releasing factor (TRF) in the hypothalamus of the rat. Krulich L, et al.
Endocrinology 95:9-17, Jul 74
- Immunohistochemical localization of luteinizing hormone-releasing hormone in the rat median eminence. Pelletier G, et al.
Endocrinology 95:314-7, Jul 74
- Localization of gonadotropin-releasing hormone (Gn-RH) in the hypothalamus of the mouse by immunoperoxidase technique. Zimmerman EA, et al.
Endocrinology 95:1-8, Jul 74
- Proceedings: Dihydrotestosterone binding in brain and pituitary cytosol of rats. Ginsburg M, et al.
J Endocrinol 61:xxiv, Apr 74
- Hypothalamic control of gonadotropin and prolactin secretion, implications for fertility control. McCann SM, et al.
J Reprod Fertil [Suppl] 20:43-59, Dec 73 (32 ref.)
- Deficits in instrumental responding after 6-hydroxydopamine lesions of the nigro-neostriatal dopaminergic projection. Fibiger HC, et al.
Pharmacol Biochem Behav 2:87-96, Jan-Feb 74
- Fluctuation of hypothalamic luteinizing hormone releasing hormone and pituitary gonadotropins in laying and non-laying hens. Harrison PC, et al.
Poult Sci 53:554-9, Mar 74
- Thyrotropin-releasing hormone in specific nuclei of rat brain. Brownstein MJ, et al. *Science* 185:267-9, 19 Jul 74
- Thyrotropin-releasing hormone: regional distribution in rat brain. Winokur A, et al.
Science 185:265-7, 19 Jul 74
- [Annual cyclic studies of catecholamines in the hypothalamus of *Triturus vulgaris* (L.)] Weiss J, et al.
Acta Histochem (Jena) 46:319-21, 1973 (Ger)
- [Effect of a physical load of varying duration on the function of the hypothalamo-hypophyseal-adrenal system in rats] Karaulova LK.
Fiziol Zh SSSR 59:1322-5, Sep 73 (Eng. Abstr.) (Rus)
- [Noradrenaline content in the animal brain following

NEUROENDOCRINOLOGY

removal of the adrenal glands] Rakitkaia VV, et al. *Fiziol Zh SSSR* 59:1337-40, Sep 73 (Eng. Abstr.) (Rus)
[RNA content in different parts of the brain of the red-cheeked sualik in the course of its annual cycle] Semeshina TM.

Ukr Biokhim Zh 45:702-5, Nov-Dec 73 (Eng. Abstr.) (Rus)

[Monoamine and adenine nucleotide content in the rat hypothalamus in hypo- and hyperthyroidism] Martynenko FP, et al.

Ukr Biokhim Zh 45:624-7, Sep-Oct 73 (Eng. Abstr.) (Ukr)

ANATOMY & HISTOLOGY

Notes on the amphibian and reptilian thalamus. Senn DG. *Acta Anat (Basel)* 87:555-96, 1974

Ascending monoamine-containing fiber pathways related to intracranial self-stimulation: histochemical fluorescence study. Clavier RM, et al.

Brain Res 72:25-40, 31 May 74

A radioautographic study of the efferent pathways of the nucleus locus coeruleus. Pickel VM, et al.

J Comp Neurol 155:15-42, 1 May 74

The telencephalon of the newborn dogfish shark, *Squalus acanthias*. Williams HT.

J Hirnforsch 14:261-85, 1973

Relationship between prostaglandin E₁, polyphloretin phosphate and alpha and beta adrenoceptor-bound feeding loci in the hypothalamus of sheep. Balle CA, et al.

Pharmacol Biochem Behav 1:539-45, Sep-Oct 73

[Hypothalamus of *Papio papio* (Desm.): stereotaxy, cytology and neurosecretory changes related to light-induced epileptic seizures] Riche D.

J Hirnforsch 14:527-47, 1973 (Fre)

[Anatomy of the 4th bundle of the fornix column] Sakai H. *J Hirnforsch* 14:501-18, 1973 (Ger)

[Evolution of hypothalamo-pituitary connections] Dedov II.

Dokl Akad Nauk SSSR 215:757-60, 21 Mar 74 (Rus)

CYTOLOGY

Experimental and structural analysis of the function of saccus vasculosus in rainbow trout, *Salmo gairdneri* (Richardson). Emanuelsson H, et al.

Cell Tissue Res 148:27-44, 29 Mar 74

Somatic spines in the supraoptic nucleus of the rat hypothalamus. Ifft JD, et al.

Cell Tissue Res 148:203-11, 11 Apr 74

Deficiency of deoxycorticosterone-binding protein in the hypothalamus of rats resistant to deoxycorticosterone-induced hypertension. Lassman MN, et al.

Endocrinology 94:1541-6, Jun 74

Dopamine uptake in striatal and hypothalamic synaptosomes: conformational selectivity of the inhibition. Tuomisto L, et al.

Eur J Pharmacol 25:351-61, Mar 74

Variation of nuclear size of neurons of the ventromedial nucleus in relation to spermatogenesis in the squirrel monkey (*Saimiri sciureus*). Bubenik GA, et al.

Experientia 30:378-9, 15 Apr 74

Light and electron microscope studies on the ventromedial hypothalamic nucleus of the cat, with special reference to the fine structures of neurons and synapses. Takeichi M, et al.

Folia Psychiatr Neurol Jap 28:45-64, Jan 74

Forebrain structure in *Phoxinus phoxinus*, a teleost of the Cyprinid family. Bannister LH.

J Hirnforsch 14:413-33, 1973

Dendro-dendritic synapses in the suprachiasmatic nucleus of the rat hypothalamus. Guldner FH, et al.

J Neurocytol 3:245-50, Jun 74

[Hypothalamus of *Papio papio* (Desm.): stereotaxy, cytology and neurosecretory changes related to light-induced epileptic seizures] Riche D.

J Hirnforsch 14:527-47, 1973 (Fre)

[Application of the high voltage electron microscopy (HVE) in biology and medicine. Investigations on the staining of biological objects (author's transl.)] Zapf K. *Mikroskopie* 30:65-70, Apr 74 (Eng. Abstr.) (Ger)

[Morphological evaluation of effect of kanamycin upon the neurosecretory cells of the supraoptic nucleus] Galasinska-Pomykol I, et al.

Endokrynol Pol 25:105-16, Mar-Apr 74 (Eng. Abstr.) (Pol)

[State of hypothalamic neurosecretory nuclei following the combined effect of acceleration and ionizing radiation] Andrianova LA.

Kosm Biol Aviakosm Med 8:14-7, May-Jun 74 (Eng. Abstr.) (Rus)

[Cilia of neurosecretory cells in mouse and rat supraoptic and paraventricular nuclei] Senchik IuI, et al.

Zh Evol Biokhim Fiziol 10:288-93, May 74 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Stimulation by steroids and age-dependent changes of L-cystine arylamidase activity in the hypothalamus of the rat. Kuhl H, et al.

Acta Endocrinol (Kbh) 76:15-23, May 74

Sex steroids stimulate the activity of hypothalamic arylamidases in the rat. Kuhl H, et al.

Acta Endocrinol (Kbh) 76:1-14, May 74

A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al.

Acta Endocrinol (Kbh) 76:558-69, Jul 74

Neurochemical bases of defensive behavior in animals. Romanluk A.

Acta Neurobiol Exp (Warsz) 34:205-14, 1974

Interactions of chlorpromazine with monoamines in the hypothalamic thermoregulatory centers. Lomax P, et al.

Adv Biochem Psychopharmacol 9:719-29, 1974

Effects of oestradiol on different cell types. King RJ, et al.

Adv Exp Med Biol 44:367-81, Jun 74

The effects of phenothiazines on endocrine function: II. Effects in men and post-menopausal women.

Beumont PJ, et al. *Br J Psychiatry* 124:420-30, May 74

The effects of phenothiazines on endocrine function: I. Patients with inappropriate lactation and amenorrhoea. Beumont PJ, et al.

Br J Psychiatry 124:413-9, May 74

The effect of ovarian steroids on the accumulation of ³H-labelled monoamines by hypothalamic tissue in vitro. Endersby CA, et al.

Brain Res 73:321-31, 20 Jun 74

Effect of blockade of dopaminergic receptors on prolactin and LH release: median eminence and pituitary sites of action. Ojeda SR, et al.

Endocrinology 94:1560-7, Jun 74

Secretion of ACTH by isolated anterior pituitary cells: kinetics of stimulation of corticotropin-releasing factor and of inhibition by corticosterone. Sayers G, et al.

Endocrinology 94:1723-30, Jun 74

Interactions between peripheral and hypothalamic carbachol stimulation of drinking in the rat. Barrelet LF. *Eur J Pharmacol* 26:89-95, Apr 74

Dopamine uptake in striatal and hypothalamic synaptosomes: conformational selectivity of the inhibition. Tuomisto L, et al.

Eur J Pharmacol 25:351-61, Mar 74

Muscarinic mediation of the biphasic temperature response to intrahypothalamic injections of carbachol in the cat. Blanton RJ, et al.

Experientia 30:508-9, 15 May 74

Effect of monosodium glutamate on the endocrine glands and on the reproductive function of the rat. Trentini GP, et al.

Fertil Steril 25:478-83, Jun 74

The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al.

Horm Res 5:173-81, 1974

Proceedings: Hypothalamic sites of action of progesterone in the control of ovulation in the rat. Friedkains J. *J Anat* 116:466-7, Dec 73

Dose-dependent potentiation or inhibition by Ro4-4602 of 5-HTP hyperthermia in rabbits. Garday-Levassort C, et al.

J Pharm Pharmacol 26:278-9, Apr 74

Proceedings: Sterotaxic placement of cannula guides in the brain of sheep. Forbes JM.

J Physiol (Lond) 238:2P-3P, Apr 74

New findings on the central control of gonadotrophin secretion. Motta M, et al.

J Reprod Fertil [Suppl] 20:27-52, Dec 73 (35 ref.)

Neuropharmacological studies of effect of new central depressant, 8-chloro-6-phenyl-4H-s-triazolo (4,3-a) (1,4) benzodiazepine (D-40TA) on EEG and central sympathetic activating mechanism in cats. Fukuda N, et al.

Jap J Pharmacol 24:75-88, Feb 74

Effects of methamphetamine on daily rhythms of hypothalamic norepinephrine, serotonin and plasma corticosterone levels in the rat. Asano Y, et al.

Life Sci 14:1463-72, 16 Apr 74

Ergocornine and 2-Br-alpha-ergocryptine. Evidence for

NEUROENDOCRINOLOGY

- prolonged dopamine receptor stimulation. Fuxe K, et al. *Med Biol* 52:121-32, Apr 74
- Endocrine manifestations of diphenylhydantoin therapy. Gharib H, et al. *Metabolism* 23:515-24, Jun 74
- Proceedings: Corticosteroid feedback at the pituitary level. Brush FR, et al.
- N Engl J Med* 291:ixiv-xv, 11 Jun 74
- Letter: When is glutamate neurotoxic? Golberg L, et al. *N Engl J Med* 290:1326-7, 6 Jun 74
- In vivo release of newly synthesized catecholamines from the hypothalamus by amphetamine. Philippu A, et al.
- Naunyn Schmiedeberg's Arch Pharmacol 282:1-8, 1974
- Cardiovascular responses to intrahypothalamic injections of carbachol and certain cholinesterase inhibitors. Brezenoff HE.
- Neuropharmacology 11:637-44, Sep 72
- Hypothermic effect of alpha-sympathomimetic agents and their antagonism by adrenergic and cholinergic blocking drugs. Tsoucaris-Kupfer D, et al.
- Neuropharmacology 11:625-35, Sep 72
- Relationship between prostaglandin E₁, polyphlorethol phosphate and alpha and beta adrenoceptor-bound feeding loci in the hypothalamus of sheep. Balle CA, et al. *Pharmacol Biochem Behav* 1:539-45, Sep-Oct 73
- Behavioral effect of intracerebrally injected carbachol on unrestrained cats. Decal L.
- Pharmacol Biochem Behav* 2:141-3, Jan-Feb 74
- Action of intrahypothalamic 6-hydroxydopamine on motivated responding for food and water in the rat. Martin GE, et al.
- Pharmacol Biochem Behav* 2:393-9, May 74
- Simultaneous chemical stimulation of the hypothalamus and dorsal hippocampus in the waking cat. Nagy J, et al.
- Pharmacol Biochem Behav* 2:285-92, May 74
- Effects of apomorphine on self-stimulation. St. Laurent J, et al. *Pharmacol Biochem Behav* 1:581-5, Sep-Oct 73
- Comparison of the effect of prostaglandin E₁ and norepinephrine injected into the brain on ingestive behavior in the rat. Whishaw IQ, et al.
- Pharmacol Biochem Behav* 2:421-5, May 74
- Feeding in sheep modified by intraventricular estradiol and progesterone. Forbes JM.
- Physiol Behav* 12:741-7, May 74
- Food intake and body weight modifications following medial hypothalamic hormone implants in female rats. Jankowiak R, et al.
- Physiol Behav* 12:875-9, May 74
- Effects of intracerebral implants of steroid hormones on scent marking in the ovariectomized female gerbil (*Meriones unguiculatus*). Owen K, et al.
- Physiol Behav* 12:755-60, May 74
- Rebound eating following carbachol-induced drinking in rats. Wise RA. *Physiol Behav* 9:659-61, Oct 72
- Hypothalamic control of sexual behavior in the chicken. Haynes RL, et al. *Poult Sci* 53:27-38, Jan 74
- Effect of estradiol on the hypothalamic regulation of body weight in the rat. Reynolds RW, et al.
- Res Commun Chem Pathol Pharmacol* 7:715-24, Apr 74
- The biological profile of a new synthetic progestagen--GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). Child KJ, et al. *Steroids* 23:425-42, Mar 74
- Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al.
- Yale J Biol Med* 48:314-23, Oct 73 (43 ref.)
- [Effect of L-dopa on hypothalamic-pituitary-thyroid axis in the rats] Tonooka N, et al.
- Folia Endocrinol Jap* 50:30-41, 20 Jan 74 (Jap)
- [Electroencephalographic effects of hydroxyzine hydrochloride (Atarax)] Watanabe S, et al.
- Folia Pharmacol Jap* 70:19-37, Jan 74 (Eng. Abstr.) (Jap)
- [Morphological evaluation of effect of kanamycin upon the neurosecretory cells of the supraoptic nucleus] Galasinski-Pomykol I, et al.
- Endokrynol Pol* 25:105-16, Mar-Apr 74 (Eng. Abstr.) (Pol)
- [Prostaglandins and their role in physiology of reproduction (author's transl)] Marchlewski-Koj A. *Przegl Lek* 31:382-7, 1974 (45 ref.) (Pol)
- [Role of the posterior hypothalamic nucleus in regulating insulin secretion] Amiragova MG, et al. *Dokl Akad Nauk SSSR* 213:746-8, 21 Nov 73 (Rus)
- [Pharmacologic characteristics of pyroxan] Krylov SS, et al.
- Farmakol Toksikol* 26:396-9, Jul-Aug 73 (Eng. Abstr.) (Rus)
- [Effect of nonhypoglycemic doses of insulin on the

- dynamics of electroencephalographic activation] Amiragova MG, et al.
- Fiziol Zh SSSR* 59:1305-13, Sep 73 (Eng. Abstr.) (Rus)
- [Functional activity of the hypothalamus-pituitary gland-adrenal cortex system in dogs after prolonged administration of dexamethasone] Razina LG, et al. *Probl Endokrinol (Mosk)* 20:101-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Possible participation of hypothalamus of a pregnant rat in the reaction of fetuses to stress] Skebel'skaya IuB.
- Probl Endokrinol (Mosk)* 20:62-5, Mar-Apr 74 (Eng. Abstr.) (Rus)

EMBRYOLOGY

- Prenatal development of the biogenic amine systems of the mouse brain. Golden GS. *Dev Biol* 33:300-11, Aug 73
- [Studies on chemical differentiation of subcommissural organ in the rat] Linderer T, et al. *Verh Anat Ges* 67:417-8, 1972 (Eng. Abstr.) (Ger)

ENZYMOLGY

- Histochemical localization of acetylcholinesterase enzyme in the 'limbic system' of the brain of the squirrel monkey (*Saimiri sciureus*). Girgis M. *Acta Anat (Basel)* 87:321-33, 1974
- Stimulation by steroids and age-dependent changes of L-cystine arylamidase activity in the hypothalamus of the rat. Kuhl H, et al.
- Acta Endocrinol (Kbh)* 76:15-23, May 74
- Sex steroids stimulate the activity of hypothalamic arylamidases in the rat. Kuhl H, et al.
- Acta Endocrinol (Kbh)* 76:1-14, May 74
- Seasonal changes in phenylethanolamine-N-methyl transferase and monoamine oxidase activity in the ground squirrel (*Citellus citellus*). Petrovic VM, et al. *Comp Biochem Physiol [A]* 48:127-31, 1 May 74
- Quantitative histochemical studies of the hypothalamus dehydrogenase enzymes. Packman PM, et al. *J Histochem Cytochem* 22:240-3, Apr 74
- Protein and peptide hydrolases of the rat hypothalamus and pituitary. Marks N, et al.
- J Neurochem* 22:735-9, May 74
- Influence of early visual deprivation on regional activity of brain ATPases in developing rats. Meisami E, et al. *J Neurochem* 22:725-9, May 74
- Depletion of tryptophan hydroxylase by 5,6-dihydroxytryptamine in rat brain. Time course and regional differences. Victor SJ, et al.
- J Neurochem* 22:541-6, Apr 74
- Learning impairment in rats after 6-hydroxydopamine-induced depletion of brain catecholamines. Mason ST, et al.
- Nature* 248:697-8, 19 Apr 74
- Localisation of phenylethanolamine N-methyl transferase in the rat brain nuclei. Saavedra JM, et al. *Nature* 248:695-6, 19 Apr 74
- [Comparative enzyme histochemical studies on subcommissural organ of mouse, golden hamster, rat and guinea pig] Köhl W.
- Verh Anat Ges* 67:415-6, 1972 (Ger)

INNERVATION

- Effect of hypothalamic deafferentations on puberty in the male rat. Collu R, et al.
- Endocrinology* 94:1496-501, Jun 74
- Hypothalamic monoamine levels and gonadotrophin secretion following deafferentation of the medial basal hypothalamus. Weiner RI.
- Prog Brain Res* 39:165-70, 1973

METABOLISM

- Uptake and binding of androgens by the anterior pituitary gland, hypothalamus, preoptic area and brain cortex of rats. Naess O, et al.
- Acta Endocrinol (Kbh)* 76:417-30, Jul 74
- Hypothalamic serotonin content and pituitary-adrenal function following hypothalamic deafferentation. Vermes I, et al.
- Acta Physiol Acad Sci Hung* 43:239-45, 1973
- Incorporation of 35S-cystine into hypophysis, hypothalamus, midbrain and cerebral cortex in hydrated and dehydrated rats. Guzek JW, et al. *Acta Physiol Pol* 25:191, Mar-Apr 74
- Effects of phenothiazines and phenothiazine metabolites on adenylyl cyclase and the cyclic AMP

NEUROENDOCRINOLOGY

- response in the rat brain. Palmer GC, et al. *Adv Biochem Psychopharmacol* 9:749-67, 1974
- Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al. *Am J Obstet Gynecol* 118:337-43, 1 Feb 74 (43 ref.)
- Characterization of the interaction between 17 beta-estradiol and its cytoplasmic receptor in the rat anterior pituitary gland. Korach KS, et al. *Biochemistry* 13:1932-8, 23 Apr 74
- The effect of ovarian steroids on the accumulation of 3H-labelled monoamines by hypothalamic tissue in vitro. Endersby CA, et al. *Brain Res* 73:321-31, 20 Jun 74
- The effects of stress and environmental lighting on histamine in the rat brain. Kobayashi RM, et al. *Brain Res* 74:356-9, 12 Jul 74
- Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al. *Brain Res* 74:279-303, 12 Jul 74
- Effects of alpha-methyl-p-tyrosine upon cerebral amine metabolism and sleep states in the cat. Stein D, et al. *Brain Res* 72:360-5, 7 Jun 74
- Stimulation of (3H)leucine incorporation into protein by estradiol-17beta or progesterone in brain tissues of ovariectomized guinea pigs. Wade GN, et al. *Brain Res* 73:545-9, 28 Jun 74
- Distribution, metabolism, and disappearance of intraventricularly injected p-tyramine in the rat. Wu PH, et al. *Can J Biochem* 52:374-81, May 74
- Thyrotrophin responses to intravenous thyrotrophin-releasing hormone in patients with hypothalamic and pituitary disease. McLaren EH, et al. *Clin Endocrinol (Oxf)* 3:113-22, Apr 74
- Changes in hypothalamic catecholamines and serotonin during hibernation and arousal in the arctic ground squirrel. Feist DD, et al. *Comp Biochem Physiol [A]* 48:653-62, 1 Aug 74
- Transport of LRF from CSF to hypophyseal portal and systemic blood and the release of LH. Ben-Jonathan N, et al. *Endocrinology* 95:18-25, Jul 74
- Deficiency of deoxycorticosterone-binding protein in the hypothalamus of rats resistant to deoxycorticosterone-induced hypertension. Lassman MN, et al. *Endocrinology* 94:1541-6, Jun 74
- Dopamine uptake in striatal and hypothalamic synaptosomes: conformational selectivity of the inhibition. Tuomisto L, et al. *Eur J Pharmacol* 25:351-61, Mar 74
- Melatonin in the chicken brain: its origin, diurnal variation, and regional distribution. Pang SF, et al. *Gen Comp Endocrinol* 22:499-506, Apr 74
- Noradrenaline nerve terminals in the cerebral cortex: effects on noradrenaline uptake and storage following axonal lesion with 6-hydroxydopamine. Lidbrink P, et al. *J Neurochem* 22:617-26, May 74
- Developmental and regional variations in neurotransmitter-sensitive adenylate cyclase systems in cell-free preparations from rat brain. Von Hungen K, et al. *J Neurochem* 22:811-9, May 74
- The identification of gold in the brain of the mouse following gold-thiogluconate administration. Caffyn ZE. *J Neurol Sci* 22:51-64, May 74
- Human sexual differentiation-in utero influences. Abramovich DR. *J Obstet Gynaecol Br Commonw* 81:448-53, Jun 74
- Effects of ethanol on central and peripheral noradrenergic neurons. Pohorecky LA. *J Pharmacol Exp Ther* 189:380-91, May 74
- Effects of methamphetamine on daily rhythms of hypothalamic norepinephrine, serotonin and plasma corticosterone levels in the rat. Asano Y, et al. *Life Sci* 14:1463-72, 16 Apr 74
- In vivo release of newly synthesized catecholamines from the hypothalamus by amphetamine. Philippu A, et al. *Naunyn Schmiedeberg Arch Pharmacol* 282:1-8, 1974
- Effects of olfactory bulb section on brain noradrenaline, corticosterone and conditioning in the rat. King MG, et al. *Pharmacol Biochem Behav* 2:347-53, May 74
- The effect of dopamine-beta-hydroxylase inhibitors, dimethylphenylthiourea and fusaric acid, on locomotor and exploratory activity, body temperature, and regional distribution of biogenic amines in the rat brain. Vetulani J, et al. *Pol J Pharmacol Pharm* 25:559-72, Nov-Dec 73
- Increased in vitro pituitary response to LH-RH after in vivo estrogen treatment. Hobson W, et al. *Proc Soc Exp Biol Med* 146:470-4, Jun 74
- The effects of intraventricular injection of antibiotics on LH release in the rat. Negro-Vilar A, et al. *Proc Soc Exp Biol Med* 146:302-5, May 74
- The role of brain monoamines and pineal indoles in the secretion of gonadotrophins and gonadotrophin-releasing factors. Kamberi IA. *Frog Brain Res* 39:261-80, 1973
- Hypothalamic monoamine levels and gonadotrophin secretion following deafferentation of the medial basal hypothalamus. Weiner RI. *Frog Brain Res* 39:165-70, 1973
- Behavioural and biochemical effects of 6-hydroxydopa in rats. Kmiecik-Kolada K, et al. *Psychopharmacologia* 35:341-52, 9 Mar 74
- An improved method for the study of high-affinity steroid binding: oestradiol binding in brain and pituitary. Ginsburg M, et al. *Steroids* 23:773-92, Jun 74
- Metabolism of progesterone by rat brain, pituitary gland and other tissues. Tabel T, et al. *Steroids* 23:651-66, May 74
- Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al. *Yale J Biol Med* 48:314-23, Oct 73 (43 ref.)
- [Studies on chemical differentiation of subcommissural organ in the rat] Linderer T, et al. *Verh Anat Ges* 67:417-8, 1972 (Eng. Abstr.) (Ger)
- [Endocrinological differentiation of male hypogonadism by radioimmunoassay of serum FSH, LH and testosterone levels (author's transl)] Lunglmayr G, et al. *Wien Klin Wochenschr* 86:305-10, 31 May 74 (Eng. Abstr.) (Ger)
- [Possible participation of hypothalamus of a pregnant rat in the reaction of fetuses to stress] Skebel'skaia IuB. *Probl Endocrinol (Mosk)* 20:62-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Effects of reserpine on the ovulation (author's transl)] González-Barón S, et al. *Rev Esp Fisiol* 29:189-95, Sept 73 (Eng. Abstr.) (Spa)

PATHOLOGY

- Irreversible inhibition of pituitary prolactin and growth hormone secretion and of mammary gland development in mice by monosodium glutamate administered neonatally. Nagasawa H, et al. *Acta Endocrinol (Kbh)* 75:249-59, Feb 74
- Letter: When is glutamate neurotoxic? Golberg L, et al. *N Engl J Med* 290:1326-7, 6 Jun 74
- Effect of estradiol on the hypothalamic regulation of body weight in the rat. Reynolds RW, et al. *Res Commun Chem Pathol Pharmacol* 7:715-24, Apr 74
- [Central nervous system lesions and disturbances of thermoregulation] Ectors M, et al. *Acta Clin Belg* 29:104-7, 1974 (Eng. Abstr.) (Fre)
- [Hypothalamus of Papio papio (Desm.): stereotaxy, cytology and neurosecretory changes related to light-induced epileptic seizures] Riche D. *J Hirnforsch* 14:527-47, 1973 (Fre)
- [Macrocellular neurosecretory nuclei of the thalamus in hypertensive syndrome in late pregnancy toxemia patients] Postnov IuV, et al. *Kardiologia* 14:55-61, Apr 74 (Eng. Abstr.) (Rus)

PHYSIOLOGY

- Neurochemical bases of defensive behavior in animals. Romanuk A. *Acta Neurobiol Exp (Warsz)* 34:205-14, 1974
- Insulin sensitivity in rats with ventromedial hypothalamic lesions. Hongalo CF, et al. *Acta Physiol Scand* 90:757-63, Apr 74
- Encephalogenic cardiomyopathy after stimulation of the brain stem in monkeys. Chen HI, et al. *Am J Cardiol* 33:845-52, Jun 74
- Human growth hormone. A symposium. McLaren NK, et al. *Am J Dis Child* 127:906-8, Jun 74
- Pituitary 45 Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al. *Am J Physiol* 226:1315-20, Jun 74
- Effects of brainstem lesions on temperature regulation in hot and cold environments. Lipton JM, et al. *Am J Physiol* 226:1356-65, Jun 74
- Brain activity during emotional states. Heath RG, et al. *Am J Psychiatry* 131:858-62, Aug 74

NEUROENDOCRINOLOGY

- Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (94 ref.)
- The effects of lateral hypothalamic lesions and castration upon the body weight and composition of male rats. Mitchel JS, et al. *Behav Biol* 11:69-82, May 74
- The evolutionary history of the corpus luteum. Browning HC. *Biol Reprod* 8:128-57, Mar 73 (156 ref.)
- Prolactin and mental illness. Horrobin DF. *Br J Psychiatry* 124:456-7, May 74
- Neurally evoked changes of regional oxygen tension and their relationship to regional electrical activities and blood flow in rabbit cerebellum. Fujita Y, et al. *Brain Res* 74:185-99, 12 Jul 74
- Catecholamine systems as the neural substrate for intracranial self-stimulation: a hypothesis. German DC, et al. *Brain Res* 73:381-419, 28 Jun 74 (211 ref.)
- Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia. Lichtensteiger W, et al. *Brain Res* 74:279-303, 12 Jul 74
- Experimental and structural analysis of the function of saccus vasculosus in rainbow trout, *Salmo gairdneri* (Richardson). Emanuelson H, et al. *Cell Tissue Res* 148:27-44, 29 Mar 74
- Plasma corticotrophin levels during insulin-hypoglycaemia: comparison of radioimmunoassay and cytochemical bioassay. Fleisher MR, et al. *Clin Endocrinol (Oxf)* 3:203-8, Apr 74
- Central regulation of temperature in cold environments. II. A dynamic model with three temperature inputs. Fuller CA, et al. *Comput Biomed Res* 7:164-82, Apr 74
- Hypothalamic control of anterior pituitary hormone secretion—characterized hypothalamic-hypophysiotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
- Effect of hypothalamic deafferentations on puberty in the male rat. Collu R, et al. *Endocrinology* 94:1496-501, Jun 74
- Stimulation of prolactin release in vivo by thyrotropin-releasing hormone (TRH) through direct action on the ectopic rat pituitary. Porteus SE, et al. *Endocrinology* 94:1699-703, Jun 74
- Effect of tetrodotoxin on experimental arrhythmias. Huang TF. *Eur J Pharmacol* 26:77-81, Apr 74
- Modification of drinking behavior in the adipic rat. Gazzaniga MS, et al. *Exp Neurol* 42:483-9, Mar 74
- Excitation and inhibition of hypothalamic neurons by cerebellar stimulation in rabbits. Arikuni T, et al. *Experientia* 30:504-5, 15 May 74
- Muscarinic mediation of the biphasic temperature response to intrahypothalamic injections of carbachol in the cat. Blanton RJ, et al. *Experientia* 30:508-9, 15 May 74
- The feeding response to beta-adrenergic active agents during induced compensatory growth in rats. Robinson DW, et al. *Experientia* 30:626-7, 15 Jun 74
- Control of feeding and the regulation of energy balance. Introduction. Baumgardt BR. *Fed Proc* 33:1139, May 74
- Hypothalamic regulation of energy balance and feeding behavior. Panksepp J. *Fed Proc* 33:1150-65, May 74 (164 ref.)
- Advances in human growth hormone research. Raiti S, et al. *Fed Proc* 33:1682-5, Jun 74
- Fine structure of the secretory activity of the pars intermedia of *Rana pipiens*. Perryman EK. *Gen Comp Endocrinol* 23:94-110, May 74
- Effect of hypoglycemia induced by insulin on the depth EEG in the chicken. Shimada K. *Gen Comp Endocrinol* 23:136-42, Jun 74
- Effects of hypothalamic deafferentation late in gestation on lactation and nursing behavior in the rat. Herrenkohl LR, et al. *Horm Behav* 5:33-41, Mar 74
- Enzyme activities in muscle and liver after destruction of the ventromedial hypothalamic area and administration of insulin. Adolfsson S, et al. *Horm Metab Res* 6:222-6, May 74
- The effect of plasma cortisol concentration on the pituitary adrenal response elicited by electrical stimulation of the infundibular area of the awake unrestrained cat. Redgate ES, et al. *Horm Res* 5:173-81, 1974
- Proceedings: Hypothalamic sites of action of progesterone in the control of ovulation in the rat. Friedkains J. *J Anat* 116:486-7, Dec 73
- Behavioral measurement of the neural refractory periods for stimulus-bound eating and self-stimulation in the rat. Hawkins RD, et al. *J Comp Physiol Psychol* 86:942-6, May 74
- Effects of posterior hypothalamic lesions on voluntary behavior and hippocampal electroencephalograms in the rat. Robinson TE, et al. *J Comp Physiol Psychol* 86:768-86, May 74
- Hunger motivation in goldthiogluco-treated and genetically obese female mice. Singh D, et al. *J Comp Physiol Psychol* 86:890-7, May 74
- Proceedings: Neuroendocrinology of lactation. Meltes J. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)
- The physiology of adolescence in man. Kulin HE. *J Mammal* 55:133-44, May 74
- Effect of cue prominence and subject weight on human food-directed performance. Johnson WG. *J Pers Soc Psychol* 29:843-8, Jun 74
- Modulatory influences of central nervous structures on pituitary-adrenocortical activity: effect of chronic deafferentation of the hypothalamus in the pigeon. Bouillé C, et al. *J Physiol (Paris)* 66:437-46, 1973
- Proceedings: 275. Influences of the hypothalamus on the cortical photic evoked potentials. Miki M, et al. *J Physiol Soc Jap* 35:498, Aug-Sep 73
- Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)
- Further analysis of the CNS regulation of adenohypophyseal LH release: facilitation of the ovulatory LH surge by oestrogen and progesterone. Barraclough CA, et al. *J Reprod Fertil [Suppl]* 20:61-96, Dec 73 (40 ref.)
- Towards a neurophysiological basis for ovulation. Cross BA. *J Reprod Fertil [Suppl]* 20:97-117, Dec 73 (48 ref.)
- The gonadotrophins and their releasing factors. Greep RO. *J Reprod Fertil [Suppl]* 20:1-9, Dec 73 (25 ref.)
- Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al. *J Reprod Fertil [Suppl]* 20:43-59, Dec 73 (32 ref.)
- New findings on the central control of gonadotrophin secretion. Motta M, et al. *J Reprod Fertil [Suppl]* 20:27-52, Dec 73 (35 ref.)
- Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil [Suppl]* 20:137-61, Dec 73
- The influence of obesity on health (first of two parts). Mann GV. *N Engl J Med* 291:178-85, 25 Jul 74 (66 ref.)
- Hypothalamic control of blood glucose level. *Nutr Rev* 31:224-6, Jul 73
- Elicitation of water ingestion in the Mongolian gerbil (*Meriones unguiculatus*) by intracranial injections of angiotensin II and 1-norepinephrine. Block ML, et al. *Pharmacol Biochem Behav* 2:235-42, Mar-Apr 74
- Differential effects of d-amphetamine on fixed ratio 30 performance maintained by food versus brain stimulation reinforcement. Carey RJ, et al. *Pharmacol Biochem Behav* 2:193-8, Mar-Apr 74
- Ventromedial hypothalamic lesions and brain catecholamines. Glick SD, et al. *Pharmacol Biochem Behav* 1:591-2, Sep-Oct 73
- Short-term influence of intra-ventromedial hypothalamic administration of insulin on feeding in normal and diabetic rats. Hatfield JS, et al. *Pharmacol Biochem Behav* 2:223-6, Mar-Apr 74
- Action of intrahypothalamic 6-hydroxydopamine on motivated responding for food and water in the rat. Martin GE, et al. *Pharmacol Biochem Behav* 2:393-9, May 74
- Simultaneous chemical stimulation of the hypothalamus and dorsal hippocampus in the waking cat. Nagy J, et al. *Pharmacol Biochem Behav* 2:285-92, May 74
- Comparison of the effect of prostaglandin E1 and norepinephrine injected into the brain on ingestive behavior in the rat. Whishaw IQ, et al. *Pharmacol Biochem Behav* 2:421-5, May 74
- On the optimal pulse duration in electrical stimulation of the brain. Barry FE, et al. *Physiol Behav* 12:749-54, May 74
- Effects of nutritive and nonnutritive stomach loads on plasma glucose level and lateral hypothalamic eating threshold in the rat. Berthoud HR, et al. *Physiol Behav* 12:1015-9, Jun 74
- Effects of VMH lesions on CAR learning in cats. Colpaert FC, et al. *Physiol Behav* 12:893-6, May 74
- Feeding in sheep modified by intraventricular estradiol and progesterone. Forbes JM. *Physiol Behav* 12:741-7, May 74

NEUROENDOCRINOLOGY

- Acceleration of functional recovery following lateral hypothalamic damage by means of electrical stimulation in the lesioned areas. Harrell LE, et al. *Physiol Behav* 12:897-9, May 74
- Food intake and body weight modifications following medial hypothalamic hormone implants in female rats. Jankowiak R, et al. *Physiol Behav* 12:875-9, May 74
- Effects of sensory and hippocampal stimulation on unit activity in the median eminence of the rat hypothalamus. Mandelbrod I, et al. *Physiol Behav* 9:565-72, Oct 72
- Hippocampal, hypothalamic and lateral geniculate activity during visual discrimination in the monkey. Moise SL Jr, et al. *Physiol Behav* 12:835-41, May 74
- Electrical stimulation of forebrain structures and its effect on copulatory as well as stimulus-bound behavior in ovariectomized hormone-primed rats. Moss RL, et al. *Physiol Behav* 12:997-1004, Jun 74
- A selective control of olfactory bulb electrical activity in relation to food deprivation and satiety in rats. Pager J, et al. *Physiol Behav* 9:573-9, Oct 72
- On the motivational deficits after medial hypothalamic lesions. Panksepp J, et al. *Physiol Behav* 9:609-14, Oct 72
- Effects of ventromedial hypothalamic lesions on restricted feeding behavior in rats. Peters RH. *Physiol Behav* 12:761-6, May 74
- Interaction between hypothalamus, amygdala and septal area in the control of sodium chloride intake. Saad WA, et al. *Physiol Behav* 9:629-36, Oct 72
- Delayed extinction and drive level effects: septal self-stimulation compared with natural reward. Thompson RK, et al. *Physiol Behav* 12:907-12, Jun 74
- Specificity of behavioral regulation. Wayner MJ. *Physiol Behav* 12:851-69, May 74 (136 ref.)
- Eating banana in cats for brain stimulation reward. Wyrwicka W. *Physiol Behav* 12:1063-6, Jun 74
- Hypothalamic control of sexual behavior in the chicken. Haynes RL, et al. *Poult Sci* 53:27-38, Jan 74
- The ability of hypothalamic extracts to lower blood prolactin levels in lactating rats. Kuhn E, et al. *Proc Soc Exp Biol Med* 146:104-8, May 74
- Effects of narcotic analgesics on hypothalamo-pituitary-thyroid function. George R. *Prog Brain Res* 39:339-45, 1973
- Further observations on the structure and function of median eminence, with reference to the organization of RF-producing elements in the endocrine hypothalamus. Knigge KM, et al. *Prog Brain Res* 39:7-20, 1973
- Effects of adrenal steroids on brain function and behavior. Korányi L. *Prog Brain Res* 39:111-23, 1973
- Role of brain noradrenaline in the tonic regulation of hypothalamic-hypophyseal-adrenal axis. Scapagnini U, et al. *Prog Brain Res* 39:171-84, 1973
- Medical Research Council Unit on the Development and Integration of Behaviour. Hinde RA. *Psychol Med* 4:225-32, May 74
- Effect of estradiol on the hypothalamic regulation of body weight in the rat. Reynolds RW, et al. *Res Commun Chem Pathol Pharmacol* 7:715-24, Apr 74
- Operant conditioning of single-unit response patterns in visual cortex. Shinkman PG, et al. *Science* 184:1194-6, 14 Jun 74
- [Effect of synthetic LH-FSH releasing hormone and hypothalamic extracts of the carp on in vivo gonadotropic hormone secretion in the carp (*Cyprinus carpio* L.)] Breton B, et al. *C R Acad Sci [D] (Paris)* 277:2061-4, 12 Nov 73 (Fre)
- [Repercussions of hypothalamic deafferentiation combined with optic nerve section on the photosexual reflex in the quail (*Coturnix coturnix japonica*)] Oliver J, et al. *C R Acad Sci [D] (Paris)* 277:2021-4, 12 Nov 73 (Fre)
- [Inadequate action of parenteral alimentation on insulin secretion and the control of feeding behavior in the rat] Rowland N, et al. *C R Acad Sci [D] (Paris)* 277:1783-6, 29 Oct 73 (Fre)
- [Adaptation mechanism in cerebral and cardiovascular regulation processes of albino rats exposed to increasing levels of physical training] Hecht K, et al. *Acta Biol Med Ger* 31:827-40, 1973 (Eng. Abstr.) (Ger)
- [Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al. *Dtsch Tierärztl Wochenschr* 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)
- [Sleep-wakefulness rhythm of the somatotropin secretion in the man under the influence of alpha-methyl dopa and disulfiram] Giordano G, et al. *Arch E Maragliano Patol Clin* 29:7-14, Jan 73 (Eng. Abstr.) (Ita)
- [Hypothalamic monoamine nerve fiber and sexual mechanism control] Ajika K. *Clin Endocrinol (Tokyo)* 22:381-9, Mar 74 (64 ref.) (Jap)
- [Proceedings: 267. Hypothalamic response to medial forebrain bundle stimulation (author's transl)] Ito M. *J Physiol Soc Jap* 35:494-5, Aug-Sep 73 (Jap)
- [Proceedings: 319. Delay effect in switch-off behavior and brain lesions in cats (author's transl)] Matsuda M, et al. *J Physiol Soc Jap* 35:516-7, Aug-Sep 73 (Jap)
- [Proceedings: 292. Electrophysiological study on central nerve innervation of uterine movement (author's transl)] Yasuhara M, et al. *J Physiol Soc Jap* 35:505, Aug-Sep 73 (Jap)
- [Current ideas on the functions of the thyroid gland and their clinical implications] Rosa JC da. *Rev Paul Med* 79:203-16, Jun 72 (Por)
- [Role of the posterior hypothalamic nucleus in regulating insulin secretion] Amiragova MG, et al. *Dokl Akad Nauk SSSR* 213:746-8, 21 Nov 73 (Rus)
- [Comparative electrophysiological study of the hypothalamic projection of the afferent systems of the splanchnic and sciatic nerves] Baklavadzian OG, et al. *Fiziol Zh SSSR* 59:1326-36, Sep 73 (Eng. Abstr.) (Rus)
- [Effect of a physical load of varying duration on the function of the hypothalamo-hypophyseal-adrenal system in rats] Karaulova LK. *Fiziol Zh SSSR* 59:1322-5, Sep 73 (Eng. Abstr.) (Rus)
- [Effect of electric stimulation of different parts of hypothalamus of rats on functional activity of the hypophyseal-adrenocortical system] Konovalova LK. *Probl Endokrinol (Mosk)* 20:58-62, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Functional activity of the hypothalamus-pituitary gland-adrenal cortex system in dogs after prolonged administration of dexamethasone] Razina LG, et al. *Probl Endokrinol (Mosk)* 20:101-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Possible participation of hypothalamus of a pregnant rat in the reaction of fetuses to stress] Skebel'skaia IuB. *Probl Endokrinol (Mosk)* 20:62-5, Mar-Apr 74 (Eng. Abstr.) (Rus)
- [Outline of the problem of neural regulation of the cardiovascular system] Nurgazieva MIu. *Sov Zdravookhr Kirg* 5:55-8, Sep-Oct 73 (Rus)
- [Regulation of the blood circulation—a review of 40 years of research] Sjöstrand T. *Lakartidningen* 70:2901-4, 22 Aug 73 (Eng. Abstr.) (Swe)

PHYSIOPATHOLOGY

- An integrated direct functional test of the adeno-hypophysis. Rakoff J, et al. *Am J Obstet Gynecol* 119:358-68, 1 Jun 74
- Letter: Sarcoidosis and hyperprolactinemia. Malarkey WB, et al. *Ann Intern Med* 81:116, Jul 74
- Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (94 ref.)
- Diurnal distribution of motor activity and feeding during growth of tumors. Morrison SD. *Cancer Res* 34:1632-5, Jul 74
- Hypothalamic regulation of energy balance and feeding behavior. Panksepp J. *Fed Proc* 33:1150-65, May 74 (164 ref.)
- Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. *J Clin Invest* 53:1588-98, Jun 74
- Hypothalamic-pituitary-prolactin axis in breast cancer. Mitra I, et al. *Lancet* 1:889-91, 11 May 74
- Hypothalamic-pituitary-thyroid axis in breast cancer. Mitra I, et al. *Lancet* 1:885-9, 11 May 74
- Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al. *Yale J Biol Med* 46:314-23, Oct 73 (43 ref.)
- [Central nervous system lesions and disturbances of thermoregulation] Ectors M, et al. *Acta Clin Belg* 29:104-7, 1974 (Eng. Abstr.) (Fre)
- [Hypothalamus of Papio papio (Desm.): stereotaxy, cytology and neurosecretory changes related to light-induced epileptic seizures] Riche D. *J Hirnforsch* 14:527-47, 1973 (Fre)
- [Obesity as a disease: a wrong concept] Saltiel H. *Sem Hop Paris* 49:3377-81, 8 Dec 73 (Eng. Abstr.) (Fre)
- [Relationship between the functional state of

NEUROENDOCRINOLOGY

hypothalamus and immunological reactivity in cardiac insufficiency] Molostova GV, et al.
Kardiologiya 15:51-4, 1974 (Eng. Abstr.) (Rus)
[Restoration of hemodynamic indices in traumatic shock] Kuzovkov AG, et al.
Voen Med Zh 5:32-4, May 74 (Rus)

RADIATION EFFECTS

[State of hypothalamic neurosecretory nuclei following the combined effect of acceleration and ionizing radiation] Andrianova LA.
Kosm Biol Aviakosm Med 8:14-7, May-Jun 74 (Eng. Abstr.) (Rus)

SECRETION

Release of melanocyte-stimulating hormone (MSH) from the posterior pituitary lobe and from the hypothalamus. Cyrkowiec A.
Acta Physiol Pol 25:183-5, Mar-Apr 74
Human growth hormone. A symposium. Maclaren NK, et al. Am J Dis Child 127:908-8, Jun 74
The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al. Clin Endocrinol (Oxf) 3:27-39, Jan 74
Hypothalamic control of anterior pituitary hormone secretion--characterized
hypothalamic-hypophysiotropic peptides. Grant GF, et al. Curr Top Exp Endocrinol 2:37-72, 1974
In vitro effects of synthetic somatotropin-release inhibiting factor on cyclic AMP level and GH release in rat anterior pituitary gland. Kaneko T, et al. Endocrinol Jap 20:535-8, Oct 73
Hypothalamic regulatory hormones: a review. Besser GM, et al. J Clin Pathol 27:173-84, Mar 74 (99 ref.)
Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. J Neurosurg 41:38-43, Jul 74
Fluctuation of hypothalamic luteinizing hormone releasing hormone and pituitary gonadotrophins in laying and non-laying hens. Harrison PC, et al. Poult Sci 53:554-9, Mar 74
Hypothalamic monoamine levels and gonadotrophin secretion following deafferentation of the medial basal hypothalamus. Welner RI.
Prog Brain Res 39:165-70, 1973
The release of acetylcholine from the brain: an approach to the study of the central cholinergic mechanisms. Pepcu G.
Prog Neurobiol 2:259-88, 1973 (144 ref.)
Growth hormone responses to melatonin in man. Smythe GA, et al. Science 184:1373-4, 28 Jun 74

SURGERY

Modulatory influences of central nervous structures on pituitary-adrenocortical activity: effect of chronic deafferentation of the hypothalamus in the pigeon. Bouillé C, et al. J Physiol (Paris) 66:437-46, 1973

NEUROSECRETORY SYSTEMS

[Neurosecretory cells and their localization during the vital cycle in the central nervous system of Crepidula fornicata (Phil.), hermaphrodite gastropod mollusca] Catania R.
C R Acad Sci [D] (Paris) 276:801-4, 29 Jan 73 (Fre)

ANALYSIS

A histochemical investigation of neurosecretion in Enchytraeus albidus (Enchytraeidae). Bianchi S. Gen Comp Endocrinol 22:454-8, Apr 74
Separation and biological effects of CNS factors affecting water balance in the decapod crustacean Thalamita crenata. Tullis RE, et al.
Gen Comp Endocrinol 23:19-28, May 74
Specific protein metabolism in identifiable neurons of Aplysia californica. Gainer H, et al.
J Neurobiol 5:243-61, 1974

CYTOLOGY

Fine structure of the secretory activity of the pars intermedia of Rana pipiens. Perryman EK.
Gen Comp Endocrinol 23:94-110, May 74
Neurosecretory cells in the frontal ganglion of the

tobacco hornworm, Manduca sexta. Bell RA, et al. J Insect Physiol 20:669-78, Apr 74
Principles of synaptic ultrastructure in the central nervous system. Némecsek S.
Sb Ved Pr Lek Fak Karlovy Univ 15:221-361, 1972
Peptide regulation of bursting pacemaker activity in a molluscan neurosecretory cell. Barker JL, et al. Science 184:1371-3, 28 Jun 74
Architecture of gastropod central nervous tissues in relation to ionic movements. Sattelle DB, et al. Tissue Cell 4:253-70, 1972
[Histochemical and ultrastructural study of the secretion from neurosecretory pericaryons of the pars intercerebralis of the wasp Polistes] Strambi A, et al.
Acta Histochem (Jena) 46:101-19, 1973 (Eng. Abstr.) (Fre)
[Cilia of neurosecretory cells in mouse and rat supraoptic and paraventricular nuclei] Senchik IuI, et al.
Zh Evol Biokhim Fiziol 10:288-93, May 74 (Eng. Abstr.) (Rus)

DRUG EFFECTS

Peptide regulation of bursting pacemaker activity in a molluscan neurosecretory cell. Barker JL, et al. Science 184:1371-3, 28 Jun 74
Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al.
Yale J Biol Med 46:314-23, Oct 73 (43 ref.)

GROWTH & DEVELOPMENT

[Neurosecretory cells and their localization during the vital cycle in the central nervous system of Crepidula fornicata (Phil.), hermaphrodite gastropod mollusca] Catania R.
C R Acad Sci [D] (Paris) 276:801-4, 29 Jan 73 (Fre)

METABOLISM

Specific protein metabolism in identifiable neurons of Aplysia californica. Gainer H, et al.
J Neurobiol 5:243-61, 1974

PHYSIOLOGY

Induced changes in neurosecretory activity of adult female Schistocerca gregaria in relation to feeding. Highnam KC, et al.
Gen Comp Endocrinol 22:519-25, Apr 74
Neurosecretory cells in the frontal ganglion of the tobacco hornworm, Manduca sexta. Bell RA, et al. J Insect Physiol 20:669-78, Apr 74
Endocrine control of vitellogenesis in the harlequin bug, Dindymus versicolor. Friedel T.
J Insect Physiol 20:717-33, Apr 74
Recent advances in pathologic aspects of neonatal respiratory distress. Rosan RC, et al.
Pathol Annu 8:407-52, 1973 (107 ref.)
The integrative approach in medicine--implications of neuroendocrine mechanisms. Mason JW.
Perspect Biol Med 17:333-47, Spring 74
How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WW.
Prog Brain Res 39:21-39, 1973 (80 ref.)

PHYSIOPATHOLOGY

[Relationship between the functional state of hypothalamus and immunological reactivity in cardiac insufficiency] Molostova GV, et al.
Kardiologiya 15:51-4, 1974 (Eng. Abstr.) (Rus)
[Changes of hypothalamo-hypophyseal neurosecretory system of rats under conditions of prolonged hypoxia] Krasnovskaya IA.
Probi Endokrinol (Mosk) 20:53-7, Mar-Apr 74 (Eng. Abstr.) (Rus)

SECRETION

Comparison of red pigment-concentrating hormones from the eyestalks of the fiddler crab, Uca pugilator, and the prawn, Palaemonetes vulgaris, with synthetic red pigment-concentrating hormone of Pandalus borealis. Fingerman M, et al.
Gen Comp Endocrinol 23:124-6, May 74

PINEAL BODY

- Some antigonadotrophic effects of melatonin-free bovine pineal extracts in rats. Orts RJ, et al. *Acta Endocrinol (Kbh)* 76:438-48, Jul 74
- Involvement of pineal indoles and polypeptides with the neuroendocrine axis. Reiter RJ. *Prog Brain Res* 39:281-7, 1973 (42 ref.)

ANALYSIS

- Enzymatic-isotopic method for octopamine at the picogram level. Saavedra JM. *Anal Biochem* 59:628-33, Jun 74
- Supersensitivity and subsensitivity of the beta-adrenergic receptor in pineal gland regulated by catecholamine transmitter. Deguchi T, et al. *Proc Natl Acad Sci USA* 70:2411-4, Aug 73

ANATOMY & HISTOLOGY

- Pituitary-pineal-endocrine relationships in Japanese quail. Oishi T, et al. *Endocrinology* 94:1735-8, Jun 74

CYTOLOGY

- Ultrastructure of rat pineal gland after preparation by freeze-etching technique. Krstić R. *Cell Tissue Res* 148:371-9, 30 Apr 74
- Neurosecretion in the pineal gland of *Macaca rhesus*. Lukaszuk A, et al. *Experientia* 30:654-5, 15 Jun 74
- Novel features of hamster pinealocyte ultrastructure. Bucana CD, et al. *Tissue Cell* 6:85-93, 1974
- [Cytology of a circadian active neuroendocrine organ (pineal organ) in vitro] Möller W. *Verh Anat Ges* 67:375-8, 1972 (Eng. Abstr.) (Ger)

DRUG EFFECTS

- Effect of monosodium glutamate on the endocrine glands and on the reproductive function of the rat. Trentini GP, et al. *Fertil Steril* 25:478-83, Jun 74
- Stimulation of serotonin N-acetyltransferase in pineal organ culture by drugs. Holz RW, et al. *J Neurochem* 22:205-9, Feb 74
- The pineal gland: a neurochemical transducer. Axelrod J. *Science* 184:1341-8, 28 Jun 74 (62 ref.)

ENZYMOLGY

- Development of hydroxytryptophan decarboxylase activity in the pineal gland, cerebral hemispheres, and cerebellum of the chick embryo and young chick. Wainwright SD. *Can J Biochem* 52:149-54, Mar 74
- Pituitary-pineal-endocrine relationships in Japanese quail. Oishi T, et al. *Endocrinology* 94:1735-8, Jun 74
- Stimulation of serotonin N-acetyltransferase in pineal organ culture by drugs. Holz RW, et al. *J Neurochem* 22:205-9, Feb 74
- Supersensitivity and subsensitivity of the beta-adrenergic receptor in pineal gland regulated by catecholamine transmitter. Deguchi T, et al. *Proc Natl Acad Sci USA* 70:2411-4, Aug 73
- Involvement of pineal indoles and polypeptides with the neuroendocrine axis. Reiter RJ. *Prog Brain Res* 39:281-7, 1973 (42 ref.)
- The pineal gland: a neurochemical transducer. Axelrod J. *Science* 184:1341-8, 28 Jun 74 (62 ref.)

GROWTH & DEVELOPMENT

- Development of hydroxytryptophan decarboxylase activity in the pineal gland, cerebral hemispheres, and cerebellum of the chick embryo and young chick. Wainwright SD. *Can J Biochem* 52:149-54, Mar 74

INNERVATION

- Increased response to catecholamines of the cyclic AMP system of rat pineal gland induced by decreased sympathetic activity. Strada SJ, et al. *Arch Biochem Biophys* 160:197-204, Jan 74
- Stimulation of serotonin N-acetyltransferase in pineal organ culture by drugs. Holz RW, et al. *J Neurochem* 22:205-9, Feb 74

METABOLISM

- Effect of continuous darkness on diurnal rhythm in glycogen content in pineal cells of the mouse: a

semiquantitative histochemical study. Kachi T, et al. *Anat Rec* 179:405-10, Jul 74

- Increased response to catecholamines of the cyclic AMP system of rat pineal gland induced by decreased sympathetic activity. Strada SJ, et al. *Arch Biochem Biophys* 160:197-204, Jan 74
- Metabolic fate of androgens in the pineal organ: uptake binding to cytoplasmic proteins and conversion of testosterone into 5alpha-reduced metabolites. Cardinali DP, et al. *Endocrinology* 95:179-87, Jul 74
- Differential effects of septal, preoptic, and habenula ablations on thirst-motivated behaviors in rats. Carey RJ, et al. *J Comp Physiol Psychol* 86:1163-72, Jun 74
- Stimulation of serotonin N-acetyltransferase in pineal organ culture by drugs. Holz RW, et al. *J Neurochem* 22:205-9, Feb 74
- Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)
- LH inhibitory properties of aqueous extracts of rat pineal glands. Orts RJ, et al. *Life Sci* 14:1501-10, 16 Apr 74
- The pineal gland: a neurochemical transducer. Axelrod J. *Science* 184:1341-8, 28 Jun 74 (62 ref.)

PATHOLOGY

- [Hyperplasia of epithalamic formations in a giant tortoise from the Seychelles] Fatzer R, et al. *Schweiz Arch Tierheilkd* 116:225-9, 1974 (Eng. Abstr.) (Ger)

PHYSIOLOGY

- The effect of pinealectomy on the parafollicular cells of the rat thyroid gland. Csaba G, et al. *Acta Anat (Basel)* 88:137-46, 1974
- Effect of continuous darkness on diurnal rhythm in glycogen content in pineal cells of the mouse: a semiquantitative histochemical study. Kachi T, et al. *Anat Rec* 179:405-10, Jul 74
- Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974
- Pineal control of photo-endocrine responses in growing Japanese quail. Oishi T, et al. *Endocrinology* 94:1731-4, Jun 74
- Uroporphyrinogen-3-cosynthetase activity in the Harderian gland of the golden hamster. Formgren B, et al. *Enzyme* 16:146-50, 1973
- Melatonin in the chicken brain: its origin, diurnal variation, and regional distribution. Pang SF, et al. *Gen Comp Endocrinol* 22:499-506, Apr 74
- Differential effects of septal, preoptic, and habenula ablations on thirst-motivated behaviors in rats. Carey RJ, et al. *J Comp Physiol Psychol* 86:1163-72, Jun 74
- Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)
- Spectrum influence on extraretinal control of daily oviposition cycles. Harrison PC. *Poult Sci* 53:560-4, Mar 74
- The role of brain monoamines and pineal indoles in the secretion of gonadotrophins and gonadotrophin-releasing factors. Kammer IA. *Prog Brain Res* 39:261-80, 1973
- The role of pineal principles on ovulation. Mess B, et al. *Prog Brain Res* 39:251-9, 1973
- Involvement of pineal indoles and polypeptides with the neuroendocrine axis. Reiter RJ. *Prog Brain Res* 39:281-7, 1973 (42 ref.)
- The pineal gland: a neurochemical transducer. Axelrod J. *Science* 184:1341-8, 28 Jun 74 (62 ref.)
- Pineal ablation in methylcholanthrene-induced fibrosarcoma. Barone RM, et al. *Surg Forum* 23:115-6, 1972

SECRETION

- Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974
- Effect of gonadotropins on the reduced excretion of a gonadotropin-inhibiting substance in the hypophysectomized rats. Ota M, et al. *Endocrinol Jap* 20:497-504, Oct 73
- Neurosecretion in the pineal gland of *Macaca rhesus*. Lukaszuk A, et al. *Experientia* 30:654-5, 15 Jun 74

SURGERY

- Pineal ablation in methylcholanthrene-induced fibrosarcoma. Barone RM, et al. *Surg Forum* 23:115-6, 1972

NEUROENDOCRINOLOGY

II. Disorders of the Amygdaloid Body

PINEALOMA

COMPLICATIONS

A clinicopathologic study of vertical eye movements.
Christoff N. Arch Neurol 31:1-8, Jul 74
[The juxtaglomerular apparatus of the kidney in
diabetes insipidus (author's transl)] Sonderegger P.
Beitr Pathol 151:361-72, Apr 74 (Eng. Abstr.) (Ger)

DIAGNOSIS

[Echoencephalography with simultaneous A- and B-
scanning] Kazner E.
Acta Radiol [Diagn] (Stockh) 13:715-27, 1972 (Eng.
Abstr.) (Ger)

PATHOLOGY

A clinicopathologic study of vertical eye movements.
Christoff N. Arch Neurol 31:1-8, Jul 74

RADIOGRAPHY

The posterior choroidal arteries. Normal
measurements and displacement by hydrocephalus or
tumors of the pineal region or brainstem. Pachtman H,
et al. Radiology 112:343-52, Aug 74

NEUROENDOCRINOLOGY

III. Neuroendocrine System Hormones, Precursors, Metabolites and Synthetic Analogs

CORTICOTROPIN RELEASING HORMONE

ANALYSIS

[Effect of a physical load of varying duration on the function of the hypothalamo-hypophyseal-adrenal system in rats] Karaulova LK.
Fiziol Zh SSSR 59:1322-5, Sep 73 (Eng. Abstr.) (Rus)

BLOOD

Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al.
Yale J Biol Med 46:314-23, Oct 73 (43 ref.)

PHARMACODYNAMICS

Secretion of ACTH by isolated anterior pituitary cells: kinetics of stimulation of corticotropin-releasing factor and of inhibition by corticosterone. Sayers G, et al. *Endocrinology* 94:1723-30, Jun 74
Proceedings: Corticosteroid feedback at the pituitary level. Brush FR, et al.
N Engl J Med 291:lxiv-lxv, 11 Jun 74

PHYSIOLOGY

Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL.
Prog Brain Res 39:361-72, 1973 (33 ref.)

SECRETION

Pituitary tumours. Mason AS.
Can J Surg 17:142-6, May 74
Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)

LH-FSH RELEASING HORMONE

Long-term treatment of galactorrhoea and hypogonadism with bromocriptine. Thorner MO, et al.
Br Med J 2:419-22, 25 May 74
Proceedings: Effects of antiserum to luteinizing hormone releasing hormone during the oestrous cycle of the rat. Fraser HM, et al. *J Endocrinol* 61:xxi, Apr 74
Proceedings: Preparation of antisera to luteinizing hormone releasing hormone. Gunn A, et al.
J Endocrinol 61:ixx, Apr 74
Hormonal contraception. Dorfman RI.
Life Sci 14:827-35, 1 Mar 74 (23 ref.)
Chemistry of hypothalamic releasing factors. Burgess R, et al. *Prog Brain Res* 39:41-51, 1973 (37 ref.)

ADMINISTRATION & DOSAGE

Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. *Acta Endocrinol (Kbh)* 75:209-20, Feb 74
Effect of synthetic luteinizing hormone releasing hormone on ovulation during the oestrous cycle in the rat. Morishita H, et al.
Acta Endocrinol (Kbh) 76:431-7, Jul 74
The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al.
Clin Endocrinol (Oxf) 3:27-39, Jan 74
Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Mortimer CH, et al.
Clin Endocrinol (Oxf) 3:19-25, Jan 74
Transport of LRF from CSF to hypophyseal portal and systemic blood and the release of LH. Ben-Jonathan N, et al. *Endocrinology* 95:18-25, Jul 74
Patterns of ovulation-inducing LH release following coitus, electrical stimulation and exogenous LH-RH in the rabbit. Kanematsu S, et al.
Endocrinology 95:247-52, Jul 74

Induction of ovulation with synthetic luteinizing hormone-releasing hormone. Nakano R, et al.
Fertil Steril 25:471-7, Jun 74
Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al.
J Clin Invest 53:1750-4, Jun 74
Proceedings: An attempt to stimulate, by injection of luteinizing hormone releasing hormone in the anoestrous sheep, the pattern of release observed at oestrus and the effects of this on luteinizing hormone release. Crighton DB, et al.
N Engl J Med 291:63-4, 11 Jun 74
Proceedings: The induction of gonadotrophin secretion with repeated subcutaneous injections of luteinizing hormone-follicle-stimulating hormone releasing hormone in men with hypogonadotrophic hypogonadism. Mortimer CH, et al.
N Engl J Med 291:lxix-lxxi, 11 Jun 74
Release of gonadotrophins from the chicken pituitary by synthetic LH-RH-FSH-RH. Tanaka K, et al.
Poult Sci 53:74-7, Jan 74

ANALYSIS

Immunohistochemical localization of luteinizing hormone-releasing hormone in the rat median eminence. Pelletier G, et al.
Endocrinology 95:314-7, Jul 74
Localization of gonadotrophin-releasing hormone (Gn-RH) in the hypothalamus of the mouse by immunoperoxidase technique. Zimmerman EA, et al.
Endocrinology 95:1-8, Jul 74
Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al.
J Reprod Fertil [Suppl] 20:119-36, Dec 73 (64 ref.)
Letter: C.S.F. and release of pituitary hormones. Gunn A, et al. *Lancet* 1:1057, 25 May 74
Fluctuation of hypothalamic luteinizing hormone releasing hormone and pituitary gonadotrophins in laying and non-laying hens. Harrison PC, et al.
Poult Sci 53:554-9, Mar 74

ANTAGONISTS & INHIBITORS

Blockade of the preovulatory surge of LH and FSH and of ovulation by anti-LH-RH serum in rats. Arimura A, et al. *Endocrinology* 95:323-5, Jul 74
In vitro inhibition of LH release by a synthetic antagonist of LH-releasing hormone (LH-RH). Vilchez-Martinez JA, et al.
Endocrinology 95:213-8, Jul 74
Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al.
J Endocrinol 61:123-31, Apr 74
Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al.
J Reprod Fertil [Suppl] 20:119-36, Dec 73 (64 ref.)
Inhibitory and facilitatory effects of estradiol 17beta on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. Cooper KJ, et al.
Proc Soc Exp Biol Med 145:1422-6, Apr 74

BIOSYNTHESIS

Acidic analogs of the luteinizing hormone-releasing hormone and conformational aspects for activity. Humphries J, et al.
Biochem Biophys Res Commun 57:675-82, 8 Apr 74
New findings on the central control of gonadotrophin secretion. Motta M, et al.
J Reprod Fertil [Suppl] 20:27-52, Dec 73 (35 ref.)

BLOOD

- Proceedings: Simultaneous determination by radioimmunoassay of luteinizing hormone and luteinizing hormone releasing hormone at different stages of the oestrus cycle in the sheep. Foster JP, et al. *N Engl J Med* 291:63, 11 Jun 74
- Proceedings: Production rats of luteinizing hormone releasing hormone in man estimated from blood and urine clearances. Jeffcoate SL, et al. *N Engl J Med* 291:ixli, 11 Jun 74
- [Amenorrhea in emotional anorexia] Klotz HP, et al. *Ann Med Interne (Paris)* 124:789-91, Nov 73 (Fre)
- [The pituitary-gonadal axis in the normal male; radioimmunoassay of hormones (author's transl)] Spona J, et al. *Wien Klin Wochenschr* 86:311-5, 31 May 74 (Eng. Abstr.) (Ger)
- [Induction of ovulation] Andreoli C. *Minerva Ginecol* 26:147-58, Mar 74 (Ita)

CEREBROSPINAL FLUID

- Transport of LRF from CSF to hypophyseal portal and systemic blood and the release of LH. Ben-Jonathan N, et al. *Endocrinology* 95:18-25, Jul 74

CHEMICAL SYNTHESIS

- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. *Acta Endocrinol (Kbh)* 75:209-20, Feb 74
- Synthesis and biological properties of (D-Ala-6, des-Gly-NH₂-10)-LH-RH ethylamide, a peptide with greatly enhanced LH- and FSH-releasing activity. Coy DH, et al. *Biochem Biophys Res Commun* 57:335-40, 25 Mar 74
- Some analogs of luteinizing hormone releasing hormone (LH-RH) having intense ovulation-inducing activity. Fujino M, et al. *Biochem Biophys Res Commun* 57:1248-56, 23 Apr 74
- A long-acting polymer-coupled LRF analog. Amoss MS Jr, et al. *J Clin Endocrinol Metab* 39:187-90, Jul 74
- Analog of the luteinizing hormone-releasing hormone to study conformational aspects of the aromatic amino acid moieties and inhibition. Humphries J, et al. *J Med Chem* 17:569-71, Jun 74

DIAGNOSTIC USE

- An integrated direct functional test of the adenohipophys. Rakoff J, et al. *Am J Obstet Gynecol* 119:358-68, 1 Jun 74
- Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al. *J Clin Endocrinol Metab* 38:1083-9, Jun 74
- Further studies on Leydig cell function in old age. Rubens R, et al. *J Clin Endocrinol Metab* 39:40-5, Jul 74
- [Clinical evaluation of the stimulation test using synthetic LH-RH] Olivier GC, et al. *Union Med Can* 103:885-90, Apr 74 (Eng. Abstr.) (Fre)
- [Growth hormone, gonadotropins and cortisol in the plasma of males under combined application of the insulin-hypoglycaemia-LH-RH test (author's transl)] Wiegelmann W, et al. *Klin Wochenschr* 52:194-6, 15 Feb 74 (Eng. Abstr.) (Ger)

ISOLATION & PURIFICATION

- Hypothalamic control of gonadotropin and prolactin secretion, implications for fertility control. McCann SM, et al. *J Reprod Fertil [Suppl]* 20:43-59, Dec 73 (32 ref.)

METABOLISM

- Synthesis and biological properties of (D-Ala-6, des-Gly-NH₂-10)-LH-RH ethylamide, a peptide with greatly enhanced LH- and FSH-releasing activity. Coy DH, et al. *Biochem Biophys Res Commun* 57:335-40, 25 Mar 74
- Acidic analogs of the luteinizing hormone-releasing hormone and conformational aspects for activity. Humphries J, et al. *Biochem Biophys Res Commun* 57:675-82, 8 Apr 74
- Classification of amenorrhoeic states and their treatment by ovulation induction. Lunenfeld B, et al. *Clin Endocrinol (Oxf)* 3:223-37, Apr 74
- Transport of LRF from CSF to hypophyseal portal and

- systemic blood and the release of LH. Ben-Jonathan N, et al. *Endocrinology* 95:18-25, Jul 74
- Proceedings: Production rats of luteinizing hormone releasing hormone in man estimated from blood and urine clearances. Jeffcoate SL, et al. *N Engl J Med* 291:ixli, 11 Jun 74
- Increased in vitro pituitary response to LH-RH after in vivo estrogen treatment. Hobson W, et al. *Proc Soc Exp Biol Med* 146:470-4, Jun 74
- The effects of intraventricular injection of antibiotics on LH release in the rat. Negro-Vilar A, et al. *Proc Soc Exp Biol Med* 146:302-5, May 74
- [Hypothalamo-hypophyseal system in the control of gonadic function] Martini L. *Minerva Ginecol* 26:62-4, Feb 74 (Ita)

PHARMACODYNAMICS

- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. *Acta Endocrinol (Kbh)* 75:209-20, Feb 74
- Effect of synthetic luteinizing hormone releasing hormone on ovulation during the oestrous cycle in the rat. Morishita H, et al. *Acta Endocrinol (Kbh)* 76:431-7, Jul 74
- Some analogs of luteinizing hormone releasing hormone (LH-RH) having intense ovulation-inducing activity. Fujino M, et al. *Biochem Biophys Res Commun* 57:1248-56, 23 Apr 74
- The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al. *Clin Endocrinol (Oxf)* 3:27-39, Jan 74
- Applications of the redox bioassay for luteinizing hormone. Holdaway IM, et al. *Clin Endocrinol (Oxf)* 3:383-8, Jul 74
- Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Mortimer CH, et al. *Clin Endocrinol (Oxf)* 3:19-25, Jan 74
- Transport of LRF from CSF to hypophyseal portal and systemic blood and the release of LH. Ben-Jonathan N, et al. *Endocrinology* 95:18-25, Jul 74
- Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats. Debeljuk L, et al. *Endocrinology* 94:1519-24, Jun 74
- Patterns of ovulation-inducing LH release following coitus, electrical stimulation and exogenous LH-RH in the rabbit. Kanematsu S, et al. *Endocrinology* 95:247-52, Jul 74
- Induction of ovulation with synthetic luteinizing hormone-releasing hormone. Nakano R, et al. *Fertil Steril* 25:471-7, Jun 74
- Increased sensitivity and partial refractoriness of the human pituitary to repeated synthetic LH-RH stimulations. Serra GB, et al. *Folia Endocrinol (Roma)* 27:158-67, Apr 74
- Influence of age on the pituitary response of male lambs to synthetic lh-rh injection. Galloway DG, et al. *Horm Metab Res* 6:240-1, May 74
- A long-acting polymer-coupled LRF analog. Amoss MS Jr, et al. *J Clin Endocrinol Metab* 39:187-90, Jul 74
- Study on the recovery of pituitary function during puerperium using synthetic LRF. Canales ES, et al. *J Clin Endocrinol Metab* 38:1140-2, Jun 74
- Clinical and hormonal response to bromocriptin (CB-154) in the galactorrhoea syndromes. Del Pozo E, et al. *J Clin Endocrinol Metab* 39:18-26, Jul 74
- Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism. Job JC, et al. *J Clin Endocrinol Metab* 38:1109-14, Jun 74
- Gonadotropin response to luteinizing hormone-releasing hormone in men with germinal aplasia. Mecklenburg RS, et al. *J Clin Endocrinol Metab* 38:1005-8, Jun 74
- Effects of clomiphene citrate and synthetic LHRH on serum luteinizing hormone (LH) in men with idiopathic hemochromatosis. Tournadre J, et al. *J Clin Endocrinol Metab* 38:1122-4, Jun 74
- Modulation of pituitary responsiveness to LRF by estrogen. Yen SS, et al. *J Clin Endocrinol Metab* 39:170-7, Jul 74
- Effects of exogenous estrogen and progesterin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. Vandenberg G, et al. *J Clin Invest* 53:1750-4, Jun 74
- Proceedings: Effect of ovarian steroids on pituitary

- sensitivity to luteinizing hormone releasing factor in the rat. Aiyer MS, et al. *J Endocrinol* 61:xii, Apr 74
 Proceedings: The lack of response of the sheep pituitary to luteinizing hormone releasing hormone stimulation in gestation and early lactation; the probable role of progesterone. Jenkin G, et al. *J Endocrinol* 61:12-3, Apr 74
 Effect of gonadal steroids on the pituitary responsiveness to synthetic luteinizing hormone releasing hormone in the male dog. Jones GE, et al. *J Endocrinol* 61:123-31, Apr 74
 Proceedings: Effect of growth hormone release inhibiting hormone on the release of growth hormone and other pituitary hormones in man. Schally AV, et al. *J Endocrinol* 61:xiv, Apr 74
 Analogs of the luteinizing hormone-releasing hormone to study conformational aspects of the aromatic amino acid moieties and inhibition. Humphries J, et al. *J Med Chem* 17:569-71, Jun 74
 Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al.
J Reprod Fertil [Suppl] 20:119-36, Dec 73 (64 ref.)
 Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis. Yen SS, et al. *J Reprod Fertil* [Suppl] 20:137-61, Dec 73
 Proceedings: An attempt to simulate, by injection of luteinizing hormone releasing hormone in the anoestrous sheep, the pattern of release observed at oestrus and the effects of this on luteinizing hormone release. Crighton DB, et al.
N Engl J Med 291:63-4, 11 Jun 74
 Proceedings: Gonadotrophin secretion in endocrine disorders: response to luteinizing hormone-follicle-stimulating hormone releasing hormone. Jequier AM, et al.
N Engl J Med 291:1x1, 11 Jun 74
 Release of gonadotropins from the chicken pituitary by synthetic LH-RH-FSH-RH. Tanaka K, et al.
Poult Sci 53:74-7, Jan 74
 In vivo comparison of LH-RH and FSH-RH activities of (DES-GLY10) (PRO9-ethylamide)-LH-RH, (DES-GLY10) (PRO9-propylamide)-LH-RH, and LH-RH using immature male rats. Arimura A, et al.
Proc Soc Exp Biol Med 146:17-20, May 74
 Inhibitory and facilitatory effects of estradiol 17beta on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. Cooper KJ, et al.
Proc Soc Exp Biol Med 145:1422-6, Apr 74
 Increased in vitro pituitary response to LH-RH after in vivo estrogen treatment. Hobson W, et al.
Proc Soc Exp Biol Med 146:460-4, Jun 74
 Fertility in ewes treated with luteinizing hormone-releasing factor. Segerson EC Jr, et al.
Proc Soc Exp Biol Med 146:518-21, Jun 74
 [Effect of synthetic LH-FSH releasing hormone and hypothalamic extracts of the carp on in vivo gonadotropic hormone secretion in the carp (*Cyprinus carpio* L.)] Breton B, et al.
C R Acad Sci [D] (Paris) 277:2061-4, 12 Nov 73 (Fre)
 [Blood LH and FSH before and after intravenous synthetic LH releasing hormone administration in patients with primary hypogonadism] Wagner H, et al.
Verh Dtsch Ges Inn Med 79:1238-42, 1973 (Ger)
 [Evaluation of the potential gonadotropin reserve with specific stimulation with "releasing hormone"] Benedetti A, et al.
Folia Endocrinol (Roma) 27:303-27, Jun 74 (Eng. Abstr.)

PHYSIOLOGY

- The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al. *Clin Endocrinol (Oxf)* 3:27-39, Jan 74
 Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Mortimer CH, et al. *Clin Endocrinol (Oxf)* 3:19-25, Jan 74
 Hypothalamic control of anterior pituitary hormone secretion--characterized hypothalamic-hypophysiotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
 Influence of age on the pituitary response of male

- lambs to synthetic lh-rh injection. Galloway DG, et al. *Horm Metab Res* 6:240-1, May 74
 Towards a neurophysiological basis for ovulation. Cross BA. *J Reprod Fertil* [Suppl] 20:97-117, Dec 73 (48 ref.)
 The gonadotrophins and their releasing factors. Greep RO. *J Reprod Fertil* [Suppl] 20:1-9, Dec 73 (25 ref.)
 New findings on the central control of gonadotrophin secretion. Motta M, et al.
J Reprod Fertil [Suppl] 20:27-52, Dec 73 (35 ref.)

SECRETION

- The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Franchimont P, et al. *Clin Endocrinol (Oxf)* 3:27-39, Jan 74
 Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
 Letter: Testosterone, L.H.R.H., and behaviour. Tiwary CM. *Lancet* 1:993, 18 May 74
 Fluctuation of hypothalamic luteinizing hormone releasing hormone and pituitary gonadotropins in laying and non-laying hens. Harrison PC, et al. *Poult Sci* 53:554-9, Mar 74
 [Hypogonadism due to luteotropin-releasing hormone (LHRH) deficiency in a child with Prader-Labhart-Willi syndrome (author's transl)] Morgner KD, et al.
Dtsch Med Wochenschr 99:1196-8, 31 May 74 (Eng. Abstr.)

THERAPEUTIC USE

- Synthetic LH-RH as a therapeutic agent. Breckwoldt M, et al. *Acta Endocrinol (Kbh)* 75:209-20, Feb 74
 Induction of ovulation with synthetic luteinizing hormone-releasing hormone. Nakano R, et al. *Fertil Steril* 25:471-7, Jun 74
 Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues. Schally AV, et al.
J Reprod Fertil [Suppl] 20:119-36, Dec 73 (64 ref.)
 Proceedings: The induction of gonadotrophin secretion with repeated subcutaneous injections of luteinizing hormone-follicle-stimulating hormone releasing hormone in men with hypogonadotrophic hypogonadism. Mortimer CH, et al.
N Engl J Med 291:1x1xii, 11 Jun 74

URINE

- Proceedings: Production rats of luteinizing hormone releasing hormone in man estimated from blood and urine clearances. Jeffcoate SL, et al.
N Engl J Med 291:1xii, 11 Jun 74

MELATONIN

- Some antigonadotrophic effects of melatonin-free bovine pineal extracts in rats. Orts RJ, et al. *Acta Endocrinol (Kbh)* 76:438-48, Jul 74
 Antibodies to indolealkylamines: serotonin and melatonin. Grota LJ, et al.
Can J Biochem 52:196-202, Mar 74
 Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974

ADMINISTRATION & DOSAGE

- Growth hormone responses to melatonin in man. Smythe GA, et al. *Science* 184:1373-4, 28 Jun 74

ANALYSIS

- [Biological identification of melatonin in enterochromaffin cells] Raikhl NT, et al.
Dokl Akad Nauk SSSR 215:731-2, 21 Mar 74 (Rus)

BIOSYNTHESIS

- Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974
 The pineal gland: a neurochemical transducer. Axelrod J. *Science* 184:1341-8, 28 Jun 74 (62 ref.)

BLOOD

- Melatonin in the chicken brain: its origin, diurnal variation, and regional distribution. Pang SF, et al. *Gen Comp Endocrinol* 22:499-506, Apr 74

NEUROENDOCRINOLOGY

METABOLISM

- Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974
Melatonin in the chicken brain: its origin, diurnal variation, and regional distribution. Pang SF, et al. *Gen Comp Endocrinol* 22:499-508, Apr 74
LH inhibitory properties of aqueous extracts of rat pineal glands. Orts RJ, et al. *Life Sci* 14:1501-10, 18 Apr 74

PHARMACODYNAMICS

- Pituitary-pineal-endocrine relationships in Japanese quail. Oishi T, et al. *Endocrinology* 94:1735-8, Jun 74
The effects of melatonin treatment on gonosomatic index in the teleost, *Fundulus similis*, and the tree frog, *Hyla cinerea*. De Vlaming VL, et al. *Gen Comp Endocrinol* 22:433-8, Apr 74
Suppression of human growth hormone secretion by melatonin and cyproheptadine. Smythe GA, et al. *J Clin Invest* 54:116-21, Jul 74
Involvement of pineal indoles and polypeptides with the neuroendocrine axis. Reiter RJ. *Prog Brain Res* 39:281-7, 1973 (42 ref.)
Growth hormone responses to melatonin in man. Smythe GA, et al. *Science* 184:1373-4, 28 Jun 74
[Biological identification of melatonin in enterochromaffin cells] Raikhlin NT, et al. *Dokl Akad Nauk SSSR* 215:731-2, 21 Mar 74 (Rus)

PHYSIOLOGY

- Melatonin and the endocrine role of the pineal organ. Cardinali DP. *Curr Top Exp Endocrinol* 2:107-28, 1974
Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al. *J Reprod Fertil [Suppl]* 20:43-59, Dec 73 (32 ref.)

PITUITARY HORMONE RELEASING HORMONES

- Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al. *Am J Obstet Gynecol* 118:337-43, 1 Feb 74 (43 ref.)
Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al. *J Reprod Fertil [Suppl]* 20:43-59, Dec 73 (32 ref.)

ANTAGONISTS & INHIBITORS

- Hypothalamic releasing factors and Parkinson disease. Chase TN, et al. *Arch Neurol* 31:55-6, Jul 74
Action of two hypothalamic factors (TRH, MIF) and of angiotensin II on the behavioral effects of L-DOPA and 5-hydroxytryptophan in mice. Huidobro-Toro JP, et al. *Pharmacol Biochem Behav* 2:105-9, Jan-Feb 74
Tertiary structure of H-Pro-Leu-Gly-NH₂, the factor that inhibits release of melanocyte stimulating hormone, derived by conformational energy calculations. Ralston E, et al. *Proc Natl Acad Sci USA* 71:1142-4, Apr 74

BLOOD

- [Indications for special endocrinologic diagnosis in gynecology] Breckwoldt M, et al. *Fortschr Med* 92:727-31, 13 Jun 74 (Ger)

METABOLISM

- Classification of amenorrhoeic states and their treatment by ovulation induction. Lunenfeld B, et al. *Clin Endocrinol (Oxf)* 3:223-37, Apr 74
[Stein-Leventhal syndrome] Stoppelli I, et al. *Minerva Ginecol* 26:255-81, May 74 (204 ref.) (Eng. Abstr.) (Ita)

PHARMACODYNAMICS

- Hypothalamic control of anterior pituitary hormone secretion--characterized hypothalamic-hypophysiotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
Proceedings: Effects of various synthetic fragments of the decapeptide molecule of gonadotrophin releasing

- factor on the release of luteinizing hormone from ovine pituitary tissue in vitro. Crighton DB, et al. *J Endocrinol* 61:xi, Apr 74

PHYSIOLOGY

- Prolactin and mental illness. Horrobin DF. *Br J Psychiatry* 124:456-7, May 74
Hypothalamic control of anterior pituitary hormone secretion--characterized hypothalamic-hypophysiotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
Proceedings: Neuroendocrinology of lactation. Meltes J. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)
Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)
New findings on the central control of gonadotrophin secretion. Motta M, et al. *J Reprod Fertil [Suppl]* 20:27-52, Dec 73 (35 ref.)
[Sleep-wakefulness rhythm of the somatotrophin secretion in the man under the influence of alpha-methyl dopa and disulfiram] Giordano G, et al. *Arch E Maragliano Patol Clin* 29:7-14, Jan 73 (Eng. Abstr.) (Ita)

SECRETION

- Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
The role of brain monoamines and pineal indoles in the secretion of gonadotrophins and gonadotrophin-releasing factors. Kamberi IA. *Prog Brain Res* 39:261-80, 1973

THERAPEUTIC USE

- Classification of amenorrhoeic states and their treatment by ovulation induction. Lunenfeld B, et al. *Clin Endocrinol (Oxf)* 3:223-37, Apr 74

SOMATOTROPIN RELEASING HORMONE

ANTAGONISTS & INHIBITORS

- Human growth hormone. A symposium. Maclaren NK, et al. *Am J Dis Child* 127:906-8, Jun 74
Direct inhibition of insulin secretion by synthetic somatostatin. Curry DL, et al. *Biochem Biophys Res Commun* 58:885-9, 4 Jun 74
In vitro effects of synthetic somatotropin-release inhibiting factor on cyclic AMP level and GH release in rat anterior pituitary gland. Kaneko T, et al. *Endocrinol Jap* 20:535-8, Oct 73
Synthesis of somatostatin. Immer HU, et al. *Helv Chim Acta* 57:730-4, 27 Apr 74
Somatostatin. Total solid phase synthesis. Rivier JE. *J Am Chem Soc* 96:2986-92, 1 May 74
Action of growth hormone release inhibitory hormone on prolactin release in rat pituitary cell cultures. Grant NH, et al. *J Endocrinol* 61:163-4, Apr 74
Proceedings: Effect of growth hormone release inhibiting hormone on the release of growth hormone and other pituitary hormones in man. Schally AV, et al. *J Endocrinol* 61:xiv, Apr 74
Letter: Somatostatin action on pancreas. Koerker DJ, et al. *N Engl J Med* 291:262-3, 1 Aug 74
Editorial: Somatostatin (somatotrophin release inhibiting factor). *S Afr Med J* 48:1180, 12 Jun 74

SECRETION

- Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly. Allen JP, et al. *J Neurosurg* 41:38-43, Jul 74
Letter: C.S.F. and release of pituitary hormones. Gunn A, et al. *Lancet* 1:1057, 25 May 74

THERAPEUTIC USE

- Proceedings: Effect of growth hormone release inhibiting hormone on the release of growth hormone and other pituitary hormones in man. Schally AV, et al. *J Endocrinol* 61:xiv, Apr 74

NEUROENDOCRINOLOGY

THYROTROPIN RELEASING HORMONE

Hypothalamic-pituitary function in diverse hyperprolactinemic states. Boyar RM, et al. *J Clin Invest* 53:1588-98, Jun 74
Chemistry of hypothalamic releasing factors. Burgus R, et al. *Prog Brain Res* 39:41-51, 1973 (37 ref.)

ADMINISTRATION & DOSAGE

Effect of TRH, and short-term exposure to experimental stress or cold on the serum immunoassayable TSH concentration in the rat. Leppäluoto J, et al. *Acta Physiol Scand* 90:640-4, Mar 74
Affective state and thyrotropin and prolactin responses after repeated injections of thyrotropin-releasing hormone in depressed patients. Ehrensing RH, et al. *Am J Psychiatry* 131:714-8, Jun 74
Letter: Thyrotropin-releasing hormone in depression. Hutton WN. *Lancet* 2:53, 6 Jul 74
Hypothalamic-pituitary-thyroid axis in breast cancer. Mittra I, et al. *Lancet* 1:885-9, 11 May 74
Hypothalamic-pituitary-prolactin axis in breast cancer. Mittra I, et al. *Lancet* 1:889-91, 11 May 74
A double-blind crossover sequential trial of oral thyrotropin-releasing hormone in depression. Mountjoy CQ, et al. *Lancet* 1:958-60, 18 May 74
[On the pituitary TSH response to different dosage of thyrotropin-releasing factor (TRF) (author's transl)] Sakoda M, et al. *J Jap Soc Intern Med* 62:1520-8, Nov 73 (Jap)

ANALYSIS

Localization of thyrotropin-releasing factor (TRF) in the hypothalamus of the rat. Krulich L, et al. *Endocrinology* 95:9-17, Jul 74
Thyrotropin-releasing hormone in specific nuclei of rat brain. Brownstein MJ, et al. *Science* 185:267-9, 19 Jul 74
Thyrotropin-releasing hormone: regional distribution in rat brain. Winokur A, et al. *Science* 185:265-7, 19 Jul 74

ANTAGONISTS & INHIBITORS

Thyrotropin-releasing hormone in chicks. Newcomer WS, et al. *Endocrinology* 95:318-20, Jul 74

BLOOD

Letter: Thyrotropin-releasing hormone in depression. Hutton WN. *Lancet* 2:53, 6 Jul 74
Letter: Replacement treatment of hypothyroidism. *N Engl J Med* 291:100-3, 11 Jun 74
[Effect of glucocorticoids and the level of ACTH, TSH, LH and FSH in the human serum] Wagner H, et al. *Verh Dtsch Ges Rheumatol* 3:271-6, 1974 (Eng. Abstr.) (Ger)

CEREBROSPINAL FLUID

Thyrotropin releasing factor (TRF) in cerebrospinal fluid of the 3rd ventricle of rat. Knigge KM, et al. *Acta Endocrinol (Kbh)* 76:209-13, Jun 74

DIAGNOSTIC USE

Serum thyrotropin and the response to thyrotropin releasing hormone in symptomless autoimmune thyroiditis and in borderline and overt hypothyroidism. Gordin A, et al. *Acta Endocrinol (Kbh)* 75:274-85, Feb 74
An integrated direct functional test of the adenohypophysis. Rakoff J, et al. *Am J Obstet Gynecol* 119:358-68, 1 Jun 74
Classification of hypothyroidism in evaluating patients after radioliodine therapy by serum cholesterol, T3-uptake, Total T4, FT4-index, total T3, basal TSH and TRH-test. Wenzel KW, et al. *Eur J Clin Invest* 4:141-8, Apr 74
TRH stimulated TSH response in euthyroid healthy subjects and patients with thyroid dysfunction. Rastogi GK, et al. *J Assoc Physicians India* 21:627-31, Aug 73
Hypothalamic-pituitary function in the olfacto-genital syndrome. Antaki A, et al. *J Clin Endocrinol Metab* 38:1083-9, Jun 74

A study of thyrotropin deficiencies by the combination of two tests of TSH function. Berthezene F, et al. *J Clin Endocrinol Metab* 38:1068-74, Jun 74
Hypothalamic-pituitary-thyroid axis in breast cancer. Mittra I, et al. *Lancet* 1:885-9, 11 May 74
Hypothalamic-pituitary-prolactin axis in breast cancer. Mittra I, et al. *Lancet* 1:889-91, 11 May 74
[Editorial: New aspects of thyroid function exploration] Bellabarba D, et al. *Union Med Can* 103:641-2, Apr 74 (Fre)

METABOLISM

Thyrotropin releasing factor (TRF) in cerebrospinal fluid of the 3rd ventricle of rat. Knigge KM, et al. *Acta Endocrinol (Kbh)* 76:209-13, Jun 74
Prolactin and thyrotropin in thyroid diseases: lack of evidence for a physiological role of thyrotropin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al. *Horm Metab Res* 6:190-5, May 74
Receptor-binding affinities and biological activities of analogs of thyrotropin-releasing hormone in prolactin-producing pituitary cells in culture. Hinkle PM, et al. *J Clin Invest* 53:3085-90, Jun 74
[Physiology and pathophysiology of ketone bodies II. Regulation of ketone bodies formation and their utilization] Hübner G, et al. *Z Gesamte Inn Med* 29:89-94, 1 Feb 74 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Homologous radioimmunoassay of thyrotropin in rat plasma. Kleffer JD, et al. *Acta Endocrinol (Kbh)* 76:495-505, Jul 74
The effect of thyrotropin releasing hormone on the release of thyrotropin and other pituitary hormones in man under basal conditions and following adrenergic blocking agents. Nilsson KO, et al. *Acta Endocrinol (Kbh)* 76:24-34, May 74
Effect of TRH, and short-term exposure to experimental stress or cold on the serum immunoassayable TSH concentration in the rat. Leppäluoto J, et al. *Acta Physiol Scand* 90:640-4, Mar 74
Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al. *Am J Obstet Gynecol* 118:337-43, 1 Feb 74 (43 ref.)
Thyroid function in euthyroid subjects with autonomous thyroid nodules. Evered DC, et al. *Clin Endocrinol (Oxf)* 3:149-54, Apr 74
Thyrotropin responses to intravenous thyrotropin-releasing hormone in patients with hypothalamic and pituitary disease. McLaren EH, et al. *Clin Endocrinol (Oxf)* 3:113-22, Apr 74
The TSH, FSH and prolactin responses to continuous infusions of TRH and the effects of oestrogen administration in normal males. Mortimer CH, et al. *Clin Endocrinol (Oxf)* 3:97-103, Apr 74
Normal serum triiodothyronine concentration and the lack of TSH response to TRH in patients with euthyroid Graves' disease. Shimizu T, et al. *Endocrinol Jap* 20:527-8, Oct 73
Persistent abnormalities in pituitary function following neonatal thyrotoxicosis in the rat. Azizi F, et al. *Endocrinology* 94:1681-8, Jun 74
Thyrotropin-releasing hormone stimulation and somatostatin inhibition of growth hormone secretion from perfused rat adenohypophyses. Carlson HE, et al. *Endocrinology* 94:1708-13, Jun 74
Thyrotropin-releasing hormone in chicks. Newcomer WS, et al. *Endocrinology* 95:318-20, Jul 74
Stimulation of prolactin release in vivo by thyrotropin-releasing hormone (TRH) through direct action on the ectopic rat pituitary. Porteus SE, et al. *Endocrinology* 94:1699-703, Jun 74
Comparative responsiveness of euthyroid and hypothyroid rat pituitary tissue to thyrotropin releasing hormone in vitro. May P, et al. *Experientia* 30:433-4, 15 Apr 74
Thyrotropin response to intravenous thyrotropin-releasing hormone in patients with hepatic and renal disease. Pokroy N, et al. *Horm Metab Res* 6:132-6, Mar 74
Clinical and hormonal response to bromocriptin (CB-154) in the galactorrhea syndromes. Del Pozo E, et al. *J Clin Endocrinol Metab* 39:18-26, Jul 74
Glandular end organ deficiency associated with

NEUROENDOCRINOLOGY

- secretion of biologically inactive pituitary peptides. Krieger DT. *J Clin Endocrinol Metab* 38:964-75, Jun 74
- Studies of prolactin and TSH secretion by continuous infusion of small amounts of thyrotropin-releasing hormone (TRH). Noel GL, et al. *J Clin Endocrinol Metab* 39:6-17, Jul 74
- Serum growth hormone and prolactin response to thyrotropin-releasing hormone in patients with acromegaly before and after surgery. Samaan NA, et al. *J Clin Endocrinol Metab* 38:957-63, Jun 74
- Transient lack of thyrotropin (TSH) response to thyrotropin-releasing hormone (TRH) in treated hyperthyroid patients with normal or low serum thyroxine (T4) and triiodothyronine (T3). Sanchez-Franco F, et al. *J Clin Endocrinol Metab* 38:1098-102, Jun 74
- Receptor-binding affinities and biological activities of analogs of thyrotropin-releasing hormone in prolactin-producing pituitary cells in culture. Hinkle PM, et al. *J Clin Invest* 53:3085-90, Jun 74
- Proceedings: Effect of growth hormone release inhibiting hormone on the release of growth hormone and other pituitary hormones in man. Schally AV, et al. *J Endocrinol* 61:xiv, Apr 74
- Proceedings: The effect of thyrotropin releasing factor on the secretion of thyroid stimulating hormone and prolactin from the chicken anterior pituitary gland. Bolton N, et al. *J Physiol (Lond)* 238:78P-79P, Apr 74
- The action of protein synthesis inhibitors and thyrotropin releasing factor on the ultrastructure of rat thyrotrophs. Cuervo-Rocha S, et al. *J Ultrastruct Res* 48:1-16, Jul 74
- Proceedings: Evaluation of a rat thyrotrophin radioimmunoassay and its applications. Shale DJ, et al. *N Engl J Med* 291:xlxi, 11 Jun 74
- Action of two hypothalamic factors (TRH, MIF) and of angiotensin II on the behavioral effects of L-DOPA and 5-hydroxytryptophan in mice. Huidobro-Toro JP, et al. *Pharmacol Biochem Behav* 2:105-9, Jan-Feb 74
- The influence of the circadian thyrotropin rhythm on the thyrotropin response to thyrotropin-releasing hormone in normal subjects. Weeke J. *Scand J Clin Lab Invest* 33:17-20, Feb 74
- [Dynamics of prolactin in human blood] Inoue K, et al. *Clin Endocrinol (Tokyo)* 22:358-72, Mar 74 (42 ref.) (Jap)
- [Secretion dynamics of prolactin in livestock] Kamiya T. *Clin Endocrinol (Tokyo)* 22:343-51, Mar 74 (60 ref.) (Jap)
- [Determination of prolactin] Kato Y, et al. *Clin Endocrinol (Tokyo)* 22:333-41, Mar 74 (25 ref.) (Jap)

- [On the pituitary TSH response to different dosage of thyrotropin-releasing factor (TRF) (author's transl)] Sakoda M, et al. *J Jap Soc Intern Med* 62:1520-8, Nov 73 (Jap)

PHYSIOLOGY

- Pituitary 45 Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al. *Am J Physiol* 226:1315-20, Jun 74
- Prolactin and mental illness. Horrobin DF. *Br J Psychiatry* 124:456-7, May 74
- Hypothalamic control of anterior pituitary hormone secretion-characterized hypothalamic-hypophyseotropic peptides. Grant GF, et al. *Curr Top Exp Endocrinol* 2:37-72, 1974
- Comparative responsiveness of euthyroid and hypothyroid rat pituitary tissue to thyrotropin releasing hormone in vitro. May P, et al. *Experientia* 30:433-4, 15 Apr 74
- Prolactin and thyrotropin in thyroid diseases: lack of evidence for a physiological role of thyrotropin-releasing hormone in the regulation of prolactin secretion. L'Hermite M, et al. *Horm Metab Res* 6:190-5, May 74
- Prolactin response to thyrotropin releasing hormone in thyrotoxicosis. Toft AD, et al. *J Endocrinol* 61:515-6, Jun 74
- Proceedings: Neuroendocrinology of lactation. Meltes J. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)
- Further observations on the structure and function of median eminence, with reference to the organization of RF-producing elements in the endocrine hypothalamus. Knigge KM, et al. *Prog Brain Res* 39:7-20, 1973

SECRETION

- Comparative responsiveness of euthyroid and hypothyroid rat pituitary tissue to thyrotropin releasing hormone in vitro. May P, et al. *Experientia* 30:433-4, 15 Apr 74
- Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)

THERAPEUTIC USE

- Hypothalamic releasing factors and Parkinson disease. Chase TN, et al. *Arch Neurol* 31:55-6, Jul 74
- A double-blind crossover sequential trial of oral thyrotrophin-releasing hormone in depression. Mountjoy CQ, et al. *Lancet* 1:958-60, 18 May 74

CYCLIC NUCLEOTIDES

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE

- Guanosine 3', 5'-cyclic monophosphate phosphodiesterase activity of *Bacillus licheniformis*. Hwang TC, et al. *Biochem Biophys Res Commun* 58:707-13, 4 Jun 74
- Adenosine 3',5'-monophosphate-dependent protein kinase and amylase secretion from rat parotid gland. Kanamori T, et al. *Biochem Biophys Res Commun* 57:394-8, 25 Mar 74
- Isolation and terminal sequence determination of the major rat brain myelin proteolipid P7 apoprotein. Nussbaum JL, et al. *Biochem Biophys Res Commun* 57:1240-7, 23 Apr 74
- Regulation of adenyl cyclase from isolated pancreatic islets by prostaglandins and guanosine 5'-triphosphate. Johnson DG, et al. *Biochemistry* 13:1920-4, 23 Apr 74
- Heat treatment of rat liver adenosine 3',5'-monophosphate phosphodiesterase. Kinetic characterization of the low affinity enzyme. Bevers MM, et al. *Biochim Biophys Acta* 341:120-8, 21 Mar 74
- Cyclic nucleotide phosphodiesterase of *Chlamydomonas reinhardtii*. Fischer U, et al. *Biochim Biophys Acta* 341:412-20, 25 Apr 74
- Adenosine 3',5'-cyclic monophosphate in higher plants: assay, distribution and age-dependency. Kessler B, et al. *Biochim Biophys Acta* 343:156-66, 20 Mar 74
- Formation, accumulation and release of adenosine 3',5'-monophosphate induced by histamine in the superior cervical ganglion of the rat in vitro. Lindl T, et al. *Biochim Biophys Acta* 343:182-91, 20 Mar 74
- Effects of glucagon on cyclic AMP and carbohydrate metabolism in livers from diabetic rats. Pilakis SJ, et al. *Biochim Biophys Acta* 343:250-67, 20 Mar 74
- Detergent dispersion of adenylate cyclase from partially purified rat liver plasma membranes. Pilakis SJ, et al. *Biochim Biophys Acta* 341:388-95, 25 Apr 74
- Analogues of alpha-tocopherol as inhibitors of cyclic-AMP and cyclic-GMP phosphodiesterases and effects of alpha-tocopherol deficiency on cyclic AMP-controlled metabolism. Schroeder J. *Biochim Biophys Acta* 343:173-81, 20 Mar 74
- The effect of slow freezing and hypertonic NaCl on the hydrolytic activity of rat erythrocyte cyclic AMP phosphodiesterase and its sensitivity to the inhibitor, D,L-4-(3-butoxy-4-methoxybenzyl)-2-imidazolidinone. Sheppard H, et al. *Biochim Biophys Acta* 341:489-96, 25 Apr 74
- Studies on cyclic nucleotides in the adrenal gland. 3. Properties of cyclic AMP- and GMP-dependent protein kinases in the adrenal gland. Shima S, et al. *Biochim Biophys Acta* 341:56-64, 21 Mar 74
- Cyclic 3',5'-nucleotide phosphodiesterase. Distribution and developmental changes of the enzyme and its protein activator in mammalian tissues and cells. Smoake JA, et al. *Biochim Biophys Acta* 341:402-11, 25 Apr 74
- Alterations in adenylate cyclase activity of the rat prostate gland. Sutherland DJ, et al. *Biochim Biophys Acta* 343:238-49, 20 Mar 74
- Changes in the adenyl cyclase system of skeletal muscle of cold-acclimated rats. Muirhead M, et al. *Can J Biochem* 52:176-80, Mar 74
- The activity of 2',3'-cyclic adenosine monophosphate 3'-phosphoesterhydrolase in elasmobranch and teleost brain. Trams EG, et al. *Comp Biochem Physiol [B]* 48:185-9, 15 Jun 74
- N6-substituted adenines induce cell elongation irrespective of the intracellular cyclic AMP levels. Johnson GS, et al. *Exp Cell Res* 85:47-56, 30 Mar 74
- Protein kinase in adipose tissue: effect of hypophysectomy. Gorin E, et al. *Horm Metab Res* 6:146-50, Mar 74
- Effects of tumour viruses on cell growth. Stoker MG. *J Clin Pathol [Suppl]* 7:40-4, 1974 (22 ref.)
- The thyrotrophin receptor in guinea-pig thyroid homogenate: interaction with the long-acting thyroid stimulator. Manley SW, et al. *J Endocrinol* 61:437-45, Jun 74
- 3-Substituted 5,7-dimethylpyrazolo(1,5-a)pyrimidines, 3',5'-cyclic-AMP phosphodiesterase inhibitors. 1. Novinson T, et al. *J Med Chem* 17:645-8, Jun 74
- The biosynthesis and concentration of galactosyl diglyceride in glial and neuronal enriched fractions of actively myelinating rat brain. Deshmukh DS, et al. *J Neurochem* 22:479-85, Apr 74
- 2',3'-Cyclic AMP 3'-phosphohydrolase activity during Wallerian degeneration. Mezel C, et al. *J Neurochem* 22:457-8, Mar 74
- Effects of ATP on the activity of nucleoside 3',5'-cyclic monophosphate phosphodiesterase from brain. Teshima Y, et al. *J Neurochem* 22:789-91, May 74
- Proceedings: Inhibition of platelet cyclic AMP phosphodiesterase and platelet aggregation. Hidaka H, et al. *Jap J Pharmacol* 24:Suppl:46, 1974
- Proceedings: Mechanism of relaxation of smooth muscle by 3-isopropyl-5,7-dipiperidinomethyltropolone hydrochloride (IDPT). Ikoma H, et al. *Jap J Pharmacol* 24:Suppl:144, 1974
- Cyclic nucleotide phosphodiesterase activity in rat adrenal gland zones. Gallant S, et al. *Life Sci* 14:937-44, 1 Mar 74
- In vitro and in vivo phosphorylation of myelin basic protein by cerebral protein kinase. Miyamoto E, et al. *Nature* 249:150-1, 10 May 74
- Activation of the renal erythropoietic factor by a cyclic AMP-dependent protein kinase. Rodgers GM, et al. *Proc Soc Exp Biol Med* 145:1207-11, Apr 74
- Neurotransmitter synthetic enzymes. McGeer PL, et al. *Frog Neurobiol* 2:71-117, 1973 (421 ref.)
- Influence of altered cyclic 3',5'-adenosine monophosphate phosphodiesterase activity on systemic hemodynamics. Scholz PM, et al. *Surg Forum* 23:189-91, 1972
- [Study of human thyroid stimulator (HTS): comparison with LATS] Onaya T, et al. *Clin Endocrinol (Tokyo)* 22:394-6, Mar 74 (10 ref.) (Jap)

ADMINISTRATION & DOSAGE

- Casein kinase from the Golgi apparatus of lactating mammary gland. Bingham EW, et al. *J Biol Chem* 249:3647-51, 10 Jun 74
- Cyclic AMP, prostaglandins, and the control of cell proliferation. MacManus JP, et al. *Prostaglandins* 6:475-87, 25 Jun 74 (17 ref.)

ANALYSIS

- Regulatory role of adenyl cyclase and cyclic AMP. Jarrott B, et al. *Adv Cardiol* 12:149-81, 1974
- An improved protein binding assay for cyclic AMP. Brostrom CO, et al. *Anal Biochem* 58:459-66, Apr 74
- Assay of cyclic AMP by an isotope dilution test with

- binding protein. Wunderwald P, et al. *Anal Biochem* 59:468-81, Jun 74
- Adenosine 3',5'-cyclic monophosphate in higher plants: assay, distribution and age-dependency. Kessler B, et al. *Biochim Biophys Acta* 343:156-66, 20 Mar 74
- N6-substituted adenines induce cell elongation irrespective of the intracellular cyclic AMP levels. Johnson GS, et al. *Exp Cell Res* 85:47-56, 30 Mar 74
- Effect of magnesium status on thyroid activity and iodide metabolism. Heaton FW, et al. *J Endocrinol* 61:53-61, Apr 74
- Proceedings: Changes of the level of cyclic AMP in carrageenin granuloma. Honma M, et al. *Jap J Pharmacol* 24:Suppl:48, 1974
- Proceedings: Excretion of cyclic AMP into duct saliva from the salivary gland. Kanamori T, et al. *Jap J Pharmacol* 24:Suppl:49, 1974
- Proceedings: Fluorometric determination of cyclic AMP using dansyl chloride. Nakamura H, et al. *Jap J Pharmacol* 24:Suppl:47, 1974
- Rate of inactivation of adenylyl cyclase and phosphodiesterase: determinants of brain cyclic AMP. Jones DJ, et al. *Life Sci* 14:1577-85, 16 Apr 74
- Proceedings: Effect of human chorionic gonadotrophin on in-vivo levels of cyclic AMP in rabbit ovaries. Goff AK, et al. *N Engl J Med* 291:1xxiv-xxv, 11 Jun 74
- Influence of prostaglandin E1 on cyclic 3',5'-AMP levels and glycosaminoglycan secretion of fibroblasts cultured in vitro. Peters HD, et al. *Pol J Pharmacol Pharm* 26:41-9, Jan-Apr 74
- Supersensitivity and subsensitivity of the beta-adrenergic receptor in pineal gland regulated by catecholamine transmitter. Deguchi T, et al. *Proc Natl Acad Sci USA* 70:2411-4, Aug 73
- Mechanism of action of nerve growth factor and cyclic AMP on neurite outgrowth in embryonic chick sensory ganglia: demonstration of independent pathways of stimulation. Frazier WA, et al. *Proc Natl Acad Sci USA* 70:2448-52, Aug 73
- Cyclic 3',5'-adenosine monophosphate in *Escherichia coli* during transient and catabolite repression. Wayne PK, et al. *Proc Natl Acad Sci USA* 71:1436-40, Apr 74
- 125I-glucagon binding and adenylyl cyclase activation in the fetal rat heart. Levey GS, et al. *Proc Soc Exp Biol Med* 146:425-31, Jun 74
- Radioimmunoassays. Parker CW. *Prog Clin Pathol* 4:103-41, 1972 (164 ref.)
- Protein binding of 3',5'-adenosine cyclic monophosphate acid. Mato JM, et al. *Rev Esp Fisiol* 29:233-8, Sept 73
- [Cyclic AMP in normal and PHA stimulated lymphocytes] Schwarzmeyer JD, et al. *Verh Dtsch Ges Inn Med* 79:577-9, 1973 (Ger)
- disturbances. Chai H. *Clin Pediatr (Phila)* 13:409-12, May 74
- The cyclic AMP response to noradrenalin in young adult rat brain following post-natal injections of 6-hydroxydopamine. Palmer GC, et al. *Experientia* 30:520-1, 15 May 74
- Action of *Escherichia coli* enterotoxin: adenylyl cyclase behavior of intestinal epithelial cells in culture. Kantor HS, et al. *Infect Immun* 9:1003-10, Jun 74
- Cyclic-AMP in ocular tissues of the rabbit, monkey, and human. Neufeld AH, et al. *Invest Ophthalmol* 13:475-7, Jun 74
- Stimulation and desensitization of macrophage adenylyl cyclase by prostaglandins and catecholamines. Remold-O'Donnell E. *J Biol Chem* 249:361-21, 10 Jun 74
- The enhancement of macrophage adenylyl cyclase by products of activated lymphocytes. Remold-O'Donnell E, et al. *J Biol Chem* 249:3622-7, 10 Jun 74
- Genetic study of the effects of (8-arginine)- and (8-lysine)-vasopressins on adenylyl cyclase activity of mouse kidney. Stewart AD. *J Endocrinol* 61:447-54, Jun 74
- In vivo changes of cerebral cyclic adenosine 3',5'-monophosphate induced by biogenic amines: association with phosphorylase activation. Edwards C, et al. *J Neurochem* 22:565-72, Apr 74
- Elevation of cyclic GMP levels in central nervous system by excitatory and inhibitory amino acids. Ferrendelli JA, et al. *J Neurochem* 22:535-40, Apr 74
- Uptake and release of (14C)adenine derivatives at beds of mammalian cortical synaptosomes in a superfusion system. Kuroda Y, et al. *J Neurochem* 22:691-9, May 74
- Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylyl cyclase and cyclic adenosine 3',5' monophosphate by hypothalamic extract. Zor U, et al. *Metabolism* 23:549-59, Jun 74
- Proceedings: Effect of angiotensin II on cyclic AMP and corticosterone output by purified zona glomerulosa and zona fasciculata cells of the rat adrenal cortex. Albano JD, et al. *N Engl J Med* 291:73, 11 Jun 74
- Demonstration of acetylcholine-sensitive adenylyl cyclase in malignant neuroblastoma cells in culture. Prasad KN, et al. *Nature* 249:765-7, 21 Jun 74
- Stimulation of cyclic adenosine 3',5'-monophosphate accumulation and lipolysis in fat cells by adenosine deaminase. Schwabe U, et al. *Naunyn Schmiedeberg Arch Pharmacol* 282:33-44, 1974
- Dissociation of catecholamine-induced formation of adenosine 3',5'-monophosphate and release of glycerol in fat cells by prostaglandin E1, E2 and N6-phenylisopropyladenosine. Stock K, et al. *Naunyn Schmiedeberg Arch Pharmacol* 282:15-31, 1974
- Cyclic 3',5'-adenosine monophosphate in *Escherichia coli* during transient and catabolite repression. Wayne PK, et al. *Proc Natl Acad Sci USA* 71:1436-40, Apr 74
- Studies on growth hormone secretion. VI. Effects of dibutyryl cyclic AMP, prostaglandin E1, and indomethacin on growth and hormone secretion by rat pituitary tumor cells in culture. Hertelendy F, et al. *Prostaglandins* 6:217-25, 10 May 74
- Medical Research Council Neurochemical Pharmacology Unit. Iversen LL. *Psychol Med* 4:222-4, May 74
- [Bacterial enzymology: adenylyl cyclase] Hayaishi O. *Jap J Bacteriol* 29:30, Jan 74 (Jap)

ANTAGONISTS & INHIBITORS

- Inhibition by phenothiazines of adenylyl cyclase in adrenal and brain tissue. Free CA, et al. *Adv Biochem Psychopharmacol* 9:739-48, 1974
- Effect of the sodium salt and ethyl ester of alpha-p-chlorophenoxyisobutyric acid (clofibrate) on a fat-mobilizing factor in serum. Curtis-Prior PB. *Atherosclerosis* 19:463-7, May-Jun 74
- Regulation of cell growth by cyclic AMP. *Nutr Rev* 31:228-9, Jul 73 (11 ref.)
- [Glucagon and its effect on the gastrointestinal tract] Ratzmann KP, et al. *Z Gesamte Inn Med* 29:94-7, 1 Feb 74 (Eng. Abstr.) (Ger)

BIOSYNTHESIS

- Stimulation of adenosine 3,5-monophosphate formation in mast cells by 5-hydroxytryptamine and guanethidine. Gripenberg J, et al. *Acta Physiol Scand* 90:648-50, Mar 74
- Dual role of calcium in steroidogenesis in the isolated adrenal cell of rat. Bowyer F, et al. *Biochem Biophys Res Commun* 57:100-5, 15 Mar 74
- Formation, accumulation and release of adenosine 3',5'-monophosphate induced by histamine in the superior cervical ganglion of the rat in vitro. Lindl T, et al. *Biochim Biophys Acta* 343:182-91, 20 Mar 74
- The accumulation of adenosine 3',5'-monophosphate in cerebral cortical slices of the quaking mouse, a neurologic mutant. Skolnick P, et al. *Brain Res* 73:513-25, 28 Jun 74
- Intermediary mechanisms in asthma. Some informal comments on the pathogenesis of the breathing

BLOOD

- Free fatty acids and the ischaemic myocardium. Oliver MF. *Adv Cardiol* 12:84-93, 1974 (30 ref.)
- Plasma cyclic adenosine 3',5'-monophosphate (AMP) levels in acute myocardial infarction. Rabinowitz B, et al. *Am J Cardiol* 34:7-11, Jul 74
- A comparison of cyclic nucleotide levels in plasma and cells of rat and human blood. Patterson WD, et al. *Endocrinology* 95:325-7, Jul 74
- Plasma cyclic AMP and total catecholamines during acute myocardial infarction in man. Andreasen PB, et al. *Eur J Clin Invest* 4:115-19, Apr 74
- Cyclic adenosine 3',5'-monophosphate concentration in plasma, adipose tissue and skeletal muscle in normal subjects and in patients with hyper- and

- hypothyroidism. Karlberg BE, et al.
J Clin Endocrinol Metab 39:96-101, Jul 74
 Hormonal control of lysosomal enzyme release from human neutrophils. Effects of autonomic agents on enzyme release, phagocytosis, and cyclic nucleotide levels. Ignarro LJ, et al.
J Exp Med 139:1395-414, 1 Jun 74
 Letter: Implications of cyclic adenosine 3',5'-monophosphate in chronic renal failure.
 Schneider W, et al. *Lancet* 1:155, 29 Jun 74
 Protein binding of 3',5'-adenosine cyclic monophosphate acid. Mato JM, et al.
Rev Esp Fisiol 29:233-8, Sept 73
 [Determination of renal cyclic adenosine 3',5'-monophosphate excretion for diagnosis of primary hyperparathyroidism] Schmidt-Gayk H, et al.
Verh Dtsch Ges Inn Med 79:1261-3, 1973 (Ger)

CHEMICAL SYNTHESIS

- Synthesis and biological activity of some 8-substituted seleno cyclic nucleotides and related compounds. Chu SH, et al. *J Med Chem* 17:406-9, Apr 74

ISOLATION & PURIFICATION

- The effects of epinephrine and prostaglandin E-1 on cyclic adenosine 3',5'-monophosphate levels in WI-38 fibroblasts. Kelly LA, et al.
J Clin Invest 53:3098-102, Jun 74

METABOLISM

- Adrenergic receptors and insulin secretion.
 Carandente F.
Acta Diabetol Lat 10:1087-99, Sep-Oct 73
 Phosphorylation in vitro of adrenal subcellular proteins by adenosine-3',5'-monophosphate-dependent protein kinase: effect of ACTH in vivo. Ichil S, et al.
Acta Endocrinol (Kbh) 75:325-32, Feb 74
 Effect of prolonged lithium ingestion on glucagon and parathyroid hormone responses in rats. Olesen OV, et al. *Acta Pharmacol Toxicol (Kbh)* 34:225-31, Apr 74
 Cyclic AMP and platelet aggregation. Hugues J.
Acta Univ Carol [Med Monogr] (Praha) 53:179-84, 1972
 The release reaction. Stormorken H.
Acta Univ Carol [Med Monogr] (Praha) 53:65-8, 1972 (10 ref.)
 The action of chlorpromazine on the metabolism of cyclic adenosine 3',5'-monophosphate. Wollemann M.
Adv Biochem Psychopharmacol 9:731-8, 1974
 Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)
 Beta-adrenergic effects on rat myometrium: role of cyclic AMP. Kroeger EA, et al.
Am J Physiol 226:1298-303, Jun 74
 Assay of cyclic AMP by an isotope dilution test with binding protein. Wunderwald P, et al.
Anal Biochem 59:468-81, Jun 74
 Increased response to catecholamines of the cyclic AMP system of rat pineal gland induced by decreased sympathetic activity. Strada SJ, et al.
Arch Biochem Biophys 160:197-204, Jan 74
 Content of 3',5' cyclic AMP and cyclic AMP phosphodiesterase in dormant and activated tissues of Jerusalem artichoke tubers. Giannattasio M, et al.
Biochem Biophys Res Commun 57:365-71, 25 Mar 74
 Abnormally high rate of cyclic AMP excretion from an *Escherichia coli* mutant deficient in cyclic AMP receptor protein. Potter K, et al.
Biochem Biophys Res Commun 57:379-85, 25 Mar 74
 Regulation by various hormones and agents of adenosine-3',5'-monophosphate levels in islets of Langerhans of rats. Kuo WN, et al.
Biochem Pharmacol 23:1387-91, 1 May 74
 Conformational transitions of cyclic adenosine monophosphate receptor protein of *Escherichia coli*. A temperature-jump study. Wu CW, et al.
Biochemistry 13:2573-8, 4 Jun 74
 Conformational transitions of cyclic adenosine monophosphate receptor protein of *Escherichia coli*. A fluorescent probe study. Wu FY, et al.
Biochemistry 13:2567-72, 4 Jun 74
 Effect of insulin on the phosphorylation of adipose tissue protein. Benjamin WB, et al.
Biochim Biophys Acta 351:28-41, 10 May 74
 Effect of triamcinolone treatment, starvation and

- diabetes on rat liver protein kinase activity. Gorin E, et al. *Biochim Biophys Acta* 343:510-8, 24 May 74
 Adenosine 3',5'-cyclic monophosphate in higher plants: assay, distribution and age-dependency. Kessler B, et al. *Biochim Biophys Acta* 343:156-66, 20 Mar 74
 Effects of decapitation, ether and pentobarbital on guanosine 3',5'-phosphate and adenosine 3',5'-phosphate levels in rat tissues. Kimura H, et al.
Biochim Biophys Acta 343:519-28, 24 May 74
 Adenosine 3',5'-cyclic phosphate, lipolysis and oxygen consumption in brown adipose tissue from newborn rabbits. Effect of cervical sympathectomy and of noradrenalin and theophylline in vitro, and the partial purification of an adenosine 3',5'-cyclic phosphate-dependent protein kinase. Knight BL.
Biochim Biophys Acta 343:287-96, 22 Apr 74
 Formation, accumulation and release of adenosine 3',5'-monophosphate induced by histamine in the superior cervical ganglion of the rat in vitro. Lindl T, et al. *Biochim Biophys Acta* 343:182-91, 20 Mar 74
 Cyclic nucleotide levels in incubations of guinea pig trachea. Murad F, et al.
Biochim Biophys Acta 343:275-86, 22 Apr 74
 Effects of glucagon on cyclic AMP and carbohydrate metabolism in livers from diabetic rats. Pilakis SJ, et al.
Biochim Biophys Acta 343:250-67, 20 Mar 74
 Analogs of alpha-tocopherol as inhibitors of cyclic-AMP and cyclic-GMP phosphodiesterases and effects of alpha-tocopherol deficiency on cyclic AMP-controlled metabolism. Schroeder J.
Biochim Biophys Acta 343:173-81, 20 Mar 74
 Early events in lens regeneration: changes in cyclic AMP concentrations during initiation of RNA and DNA synthesis. Thorpe CW, et al.
Biochim Biophys Acta 340:413-8, 10 Apr 74
 Epinephrine blockade of ribonuclease activity stimulation in lymphoid organs by cortisone and prostaglandin E1. Maor D, et al.
Biomedicine [Express] 19:374-8, 20 Sep 73
 Interrelation of epithelial glycogen, cell proliferation and cellular migration with cyclic adenosine monophosphate in epithelial wound healing. Williams JP. *Cell Differ* 1:317-23, Dec 72
 Changes in adenosine 3',5'-monophosphate induced by parathyroid hormone and theophylline in the developing rat renal cortex. Muschek LD, et al.
Dev Biol 33:56-61, Jul 73
 In vitro effects of synthetic somatotropin-release inhibiting factor on cyclic AMP level and GH release in rat anterior pituitary gland. Kaneko T, et al.
Endocrinol Jap 20:535-8, Oct 73
 Embryonic chick intestine in organ culture: interaction of adenylate cyclase system and vitamin D3-mediated calcium absorptive mechanism. Corradino RA.
Endocrinology 94:1607-14, Jun 74
 Inhibition of glucagon-mediated increases in hepatic cyclic adenosine 3', 5'-monophosphate by prostaglandin E1 and E2. DeRubertis FR, et al.
Endocrinology 95:93-101, Jul 74
 Effects of calcitonin in the concentration of cyclic adenosine 3',5'-monophosphate in rat kidney in vivo and in vitro. Kurokawa K, et al.
Endocrinology 94:1514-8, Jun 74
 ALA synthetase induction. Inhibitory effect exerted by administration of dibutyladenosine-3',5'-cyclic monophosphate, theophylline and caffeine. Pinelli A, et al. *Enzyme* 16:203-10, 1973
 Intracellular cyclic AMP level and intestinal smooth muscle relaxation. Inatomi N, et al.
Eur J Pharmacol 28:73-6, Apr 74
 N6-substituted adenines induce cell elongation irrespective of the intracellular cyclic AMP levels. Johnson GS, et al. *Exp Cell Res* 85:47-56, 30 Mar 74
 Retraction fibers and leucocyte chemotaxis. Ramsey WS. *Exp Cell Res* 86:184-7, May 74
 Proceedings: Rhodopsin and light-sensitive kinase activity of retinal outer segments. Frank RN, et al.
Exp Eye Res 18:271-80, Mar 74
 Early changes of protein-kinase (glycogen-synthetase kinase) in denervated muscle. Bergamini E, et al.
Exp Neurol 44:96-102, Jul 74
 Implications of portal hepatotrophic factors in hepatology. Popper H.
Gastroenterology 66:1227-33, Jun 74
 The mechanism of frog skin lightening by acetylcholine. Moellmann G, et al.
Gen Comp Endocrinol 23:45-51, May 74
 The effect of catecholamines and fasting on cyclic-AMP and release of glycerol from human adipose tissue. Gilbert CH, et al. *Horm Metab Res* 6:229-33, May 74

- Two types of insulin receptors mediating opposite effects on cyclic-amp in fat cells of the rat. Jerums G, et al. *Horm Metab Res* 6:242-3, May 74
- The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohypophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenarová V, et al. *Horm Metab Res* 6:208-13, May 74
- Cyclic nucleotide metabolism in human photoreceptors. Pannbacker RG. *Invest Ophthalmol* 13:535-8, Jul 74
- Editorial: Bronchial asthma. Udwadia FE. *J Assoc Physicians India* 21:75-7, Jan 73
- Studies with cyclic adenosine monophosphate receptor and stimulation of in vitro transcription of the Gal operon. Anderson WB, et al. *J Biol Chem* 249:3592-6, 10 Jun 74
- Cyclic adenosine 3',5'-monophosphate concentration in plasma, adipose tissue and skeletal muscle in normal subjects and in patients with hyper- and hypothyroidism. Karlberg BE, et al. *J Clin Endocrinol Metab* 39:96-101, Jul 74
- Photoaffinity labeling with cyclic nucleotides. Antonoff RS, et al. *J Clin Invest* 53:3319-21, Jun 74
- The effects of epinephrine and prostaglandin E-1 on cyclic adenosine 3',5'-monophosphate levels in WI-38 fibroblasts. Kelly LA, et al. *J Clin Invest* 53:3098-102, Jun 74
- The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine 3',5'-monophosphate in freshly isolated bone cells. Rodan SB, et al. *J Clin Invest* 53:3068-74, Jun 74
- Proceedings: Effects of prostaglandin E1 and an endogenous inhibitor of vasopressin action on the cyclic AMP system in toad bladders. Beasley GT, et al. *J Endocrinol* 61:33-4, Apr 74
- Role of cyclic adenosine 3',5'-monophosphate in lymphocyte mitogenesis. DeRubeis FR, et al. *J Immunol* 113:151-61, Jul 74
- Alteration of rabbit PCA reaction by drugs known to influence intracellular cyclic AMP. Kravis TC, et al. *J Immunol* 113:244-50, Jul 74
- Neonatal changes in the concentration of rat liver cyclic AMP and of serum glucose, free fatty acids, insulin, pancreatic, and total glucagon in man and in the rat. Blázquez E, et al. *J Ky Med Assoc* 63:957-67, Jun 74
- Interaction of prostaglandins E1 and E2 in regulation of cyclic-AMP and aggregation in human platelets: evidence for a common prostaglandin receptor. McDonald JW, et al. *J Lab Clin Med* 84:111-21, Jul 74
- Inhibition of free fatty acid mobilization by colchicine. Schimmel RJ. *J Lipid Res* 15:206-10, May 74
- Elevated cyclic AMP levels in human breast-cancer tissue. Minton JP, et al. *J Natl Cancer Inst* 53:283-4, Jul 74
- Alterations in cyclic AMP metabolism associated with photoreceptor cell degeneration in the C3H mouse. Lolley RN, et al. *J Neurochem* 22:701-7, May 74
- Adenosine 3',5'-monophosphate in guinea pig cerebral cortical slices: effect of benzodiazepines. Schultz J. *J Neurochem* 22:685-90, May 74
- Modification of intestinal stimulatory effects of 5-hydroxytryptamine by adrenergic amines, prostaglandin E1 and theophylline. Grubb MN, et al. *J Pharmacol Exp Ther* 189:476-83, May 74
- Proceedings: Excretion of cyclic AMP into duct saliva from the salivary gland. Kanamori T, et al. *Jap J Pharmacol* 24:Suppl:49, 1974
- Adrenergic mechanism in Tetrahymena. 3. Cyclic adenosine 3',5'-monophosphate and cell proliferation. Kariya K, et al. *Jap J Pharmacol* 24:129-34, Feb 74
- Proceedings: Effect of antidiuretic hormone on cyclic adenosine 3',5'-monophosphate levels in rat kidney cells in culture. Sato A, et al. *Jap J Pharmacol* 24:Suppl:47, 1974
- Proceedings: Pharmacological aspect of enzymes related to cyclic AMP. Shimizu H. *Jap J Pharmacol* 24:Suppl:22, 1974
- Proceedings: Electrophysiological studies on adenyl cyclase-cyclic AMP system in the fat cell membrane. Tasaka K, et al. *Jap J Pharmacol* 24:Suppl:49, 1974
- Proceedings: Relation between hyperkalemia and hyperglycemia. 9. Tazuki K, et al. *Jap J Pharmacol* 24:Suppl:96, 1974
- Letter: Intravenous aminophylline. Atuk NO. *Lancet* 1:1056, 25 May 74
- Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylate cyclase and cyclic adenosine 3',5' monophosphate by hypothalamic extract. Zor U, et al. *Metabolism* 23:549-59, Jun 74
- Methods for obtaining revertants of transformed cells. Vogel A, et al. *Methods Cell Biol* 8:75-92, 1974 (55 ref.)
- Carbohydrate transport and cyclic 3',5' adenosine monophosphate (cAMP) levels in a temperature sensitive phosphotransferase mutant of *Escherichia coli*. Dahl R, et al. *Mol Gen Genet* 129:1-10, 6 Mar 74
- A colicin-tolerant mutant of *Escherichia coli* with reduced levels of cyclic AMP and the regulation of lambdaoid phage lysogeny. Rolfe B, et al. *Mol Gen Genet* 130:105-12, 21 May 74
- Regulation of 25-hydroxycholecalciferol metabolism by inorganic phosphate. *Nutr Rev* 31:188-90, Jun 73 (15 ref.)
- Influence of prostaglandin E1 on cyclic 3',5'-AMP levels and glycosaminoglycan secretion of fibroblasts cultured in vitro. Peters HD, et al. *Pol J Pharmacol Pharm* 26:41-9, Jan-Apr 74
- Influence of antiplogistic drugs on prostaglandin E1 stimulated cyclic 3',5'-AMP levels and glycosaminoglycan synthesis in fibroblast tissue cultures. Schönhöfer PS, et al. *Pol J Pharmacol Pharm* 26:51-60, Jan-Apr 74
- Hormonal control of lysosomal enzyme release from human neutrophils: elevation of cyclic nucleotide levels by autonomic neurohormones. Ignarro LJ, et al. *Proc Natl Acad Sci USA* 71:2027-31, May 74
- Estrogen-related increases in uterine guanosine 3':5'-cyclic monophosphate levels. Kuehl FA Jr, et al. *Proc Natl Acad Sci USA* 71:1866-70, May 74
- A cell-contact model for cellular position determination in development. McMahon D. *Proc Natl Acad Sci USA* 70:2396-400, Aug 73
- Immunofluorescence evidence for the distribution of cyclic AMP in cells and cell masses of the cellular slime molds. Pan P, et al. *Proc Natl Acad Sci USA* 71:1623-5, May 74
- Effects of glucagon and dibutyryl cyclic AMP on the phosphorylase activity and gluconeogenesis in rat liver slices. Miller EA, et al. *Proc Soc Exp Biol Med* 146:186-9, May 74
- Effects of indomethacin on Moloney sarcoma virus-induced tumors. Humes JL, et al. *Prostaglandins* 6:463-73, 25 Jun 74
- Effect of prostaglandin E1 on hepatic cyclic AMP activity, carbohydrate and lipid metabolism. Levine RA. *Prostaglandins* 6:509-21, 25 Jun 74
- Cyclic AMP, prostaglandins, and the control of cell proliferation. MacManus JP, et al. *Prostaglandins* 6:475-87, 25 Jun 74 (17 ref.)
- Positive and negative control of bacterial gene expression. Clarke PH. *Sci Prog* 60:245-58, Summer 72 (34 ref.)
- The pineal gland: a neurochemical transducer. Axelrod J. *Science* 184:1341-8, 28 Jun 74 (62 ref.)
- On the mechanism of T-cell mediated cytotoxicity. Henney CS. *Transplant Rev* 17:37-70, 1973 (99 ref.)
- [Subcellular distribution of protein kinases stimulated by cyclic AMP and cyclic AMP receptor proteins in the swine thyroid] Roques M, et al. *Biochimie* 55:1421-30, 1973 (Eng. Abstr.) (Fre)
- [Studies on epinephrine- and norepinephrine-stimulated FFA (Free Fatty Acid) mobilization in vitro and in human fatty tissue from various regions] Ratzmann KP. *Dtsch Z Verdau Stoffwechselkr* 33:137-40, 1973 (Ger)
- [5-ht-induced relaxation and cyclic AMP in a molluscan smooth muscle (author's transl)] Achazi RK, et al. *Pfluegers Arch* 349:19-27, 24 May 74 (Ger)
- [Physiology and pathophysiology of ketone bodies II. Regulation of ketone bodies formation and their utilization] Hübner G, et al. *Z Gesamte Inn Med* 29:89-94, 1 Feb 74 (Eng. Abstr.) (Ger)
- [Prostaglandins: biological action and therapeutic prospects] Mancinella A, et al. *Clin Ter* 68:569-78, 31 Mar 74 (60 ref.) (Ita)
- [Mechanism of synthesis and secretion of amylase in the pancreas] Takahashi Y. *Jap J Gastroenterol* 70:1320-32, Dec 73 (Eng. Abstr.) (Jap)
- [Cardiovascular effects of glucagon] Liakishev AA, et al. *Kardiologiya* 12:128-36, Jul 72 (Rus)
- [Current diabetology and its prospects] Kovač T, et al. *Med Pregl* 26:273-9, 1973 (Ser)

PHARMACODYNAMICS

Cyclic AMP-dependent protein kinase activity in a cell

- membrane-enriched subcellular fraction of pig myocardium. Krause EG, et al. *Acta Biol Med Ger* 31:k37-43, 1973
- Binding of calcium to a cell membrane-enriched preparation from pig myocardium: increase in calcium affinity upon membrane protein phosphorylation enhanced by a membrane-bound cyclic AMP-dependent protein kinase. Will H, et al. *Acta Biol Med Ger* 31:k45-52, 1973
- Action of cyclic adenosine 3',5' monophosphate on protein synthesis in a thyroidal cell-free system. Relation to ATP and GTP. Wägar G. *Acta Endocrinol (Kbh)* 75:398-409, Feb 74
- Effects of phenothiazines and phenothiazine metabolites on adenyl cyclase and the cyclic AMP response in the rat brain. Palmer GC, et al. *Adv Biochem Psychopharmacol* 9:749-67, 1974
- Effect of PGE₁, indomethacin, and polyphloretin phosphate on toad bladder response to ADH. Albert WC, et al. *Am J Physiol* 226:1382-6, Jun 74
- Pituitary 45 Ca ion uptake and release of ACTH, GH, and TSH: effect of verapamil. Eto S, et al. *Am J Physiol* 226:1315-20, Jun 74
- Stimulation of cytochrome synthesis in *Escherichia coli* by cyclic AMP. Broman RL, et al. *Arch Biochem Biophys* 162:595-601, Jun 74
- Studies on the in vitro transcription and translation of the lac operon. Kung HF, et al. *Arch Biochem Biophys* 160:168-74, Jan 74
- Cyclic nucleotide phosphodiesterase activities from isolated fat cells: correlation of subcellular distribution with effects of nucleotides and insulin. Sakai T, et al. *Arch Biochem Biophys* 162:331-9, Jun 74
- Protein kinase-catalyzed phosphorylation of muscle sarcolemma. Sulakhe PV, et al. *Arch Biochem Biophys* 161:448-55, 2 Apr 74
- Control of depressed beta-galactosidase synthesis in *Escherichia coli*. Holms WH, et al. *Arch Mikrobiol* 96:21-35, 1 Mar 74
- Effect of adenosine 3',5'-cyclic monophosphate on the morphogenesis of fruit bodies of *Schizophyllum commune*. Schwaib MN. *Arch Mikrobiol* 96:17-20, 1 Mar 74
- Resolution of two protein kinase modulators from lactating rat mammary gland. Majumder GC. *Biochem Biophys Res Commun* 58:756-62, 4 Jun 74
- In vivo regulation of hepatic protein kinase by adenosine 3',5'-monophosphate mediated glucagon stimulation. Sudilovsky O. *Biochem Biophys Res Commun* 58:85-91, 7 May 74
- A Neurospora crassa* morphological mutant showing reduced adenylate cyclase activity. Terenzi HF, et al. *Biochem Biophys Res Commun* 58:990-6, 18 Jun 74
- Are cyclic AMP effects related to real physiological phenomena? Ullmann A. *Biochem Biophys Res Commun* 57:348-52, 25 Mar 74
- Effect of neuraminidase on the synthesis of collagen and other proteins. Aalto M, et al. *Biochim Biophys Acta* 342:247-53, 11 Apr 74
- Effect of triamcinolone treatment, starvation and diabetes on rat liver protein kinase activity. Gorin E, et al. *Biochim Biophys Acta* 343:510-8, 24 May 74
- Adenosine 3',5'-cyclic phosphate, lipolysis and oxygen consumption in brown adipose tissue from newborn rabbits. Effect of cervical sympathectomy and of noradrenalin and theophylline in vitro, and the partial purification of an adenosine 3',5'-cyclic phosphate-dependent protein kinase. Knight BL. *Biochim Biophys Acta* 343:287-96, 22 Apr 74
- Formation, accumulation and release of adenosine 3',5'-monophosphate induced by histamine in the superior cervical ganglion of the rat in vitro. Lindl T, et al. *Biochim Biophys Acta* 343:182-91, 20 Mar 74
- Activation and phosphorylation of carbonic anhydrase by adenosine 3',5'-monophosphate-dependent protein kinases. Narumi S, et al. *Biochim Biophys Acta* 350:215-24, 20 May 74
- Partial purification and characterization of an adenosine 3',5'-monophosphate-dependent protein kinase from rabbit gastric mucosa. Reimann EM, et al. *Biochim Biophys Acta* 350:201-4, 20 May 74
- Studies on cyclic nucleotides in the adrenal gland. 3. Properties of cyclic AMP- and GMP-dependent protein kinases in the adrenal gland. Shima S, et al. *Biochim Biophys Acta* 341:56-64, 21 Mar 74
- Modulation by cyclic AMP in vitro of liver plasma membrane (Na⁺--K⁺)-ATPase and protein kinases. Tria E, et al. *Biochim Biophys Acta* 343:297-306, 22 Apr 74
- Effect of cyclic 3'-5' GMP on in vitro protein synthesis. De Nayer P. *Biochimie* 55:1507-9, 1973
- Effect of ADP-induced shape change on incorporation of 32P into platelet phosphatidic acid and mono-, di- and triphosphatidyl inositol. Lloyd JV, et al. *Br J Haematol* 25:77-99, Jul 73
- Alterations with age in composition and lipolytic activity of adipose tissue from male and female chickens. Langslow DR, et al. *Br Poult Sci* 15:267-73, May 74
- The action of norepinephrine in the rat hippocampus. I. Ionophoretic studies. Segal M, et al. *Brain Res* 72:79-97, 31 May 74
- The action of norepinephrine in the rat hippocampus. II. Activation of the input pathway. Segal M, et al. *Brain Res* 72:99-114, 31 May 74
- Inhibition of lipogenesis by cyclic AMP without altered lipolysis. Murthy VK, et al. *Can J Biochem* 52:259-62, Mar 74
- Two cAMP-activated protein kinases from bovine thyroid. Wilson MB, et al. *Can J Biochem* 52:319-26, Apr 74
- Studies on beta-galactosidase activity in *Vibrio El Tor*. Bhattacharya G, et al. *Can J Microbiol* 20:897-8, Jun 74
- Comparative investigations on lipolysis and re-esterification in adipose tissue of man and various species of mice. Herberg L, et al. *Comp Biochem Physiol [A]* 48:163-73, 1 May 74
- Thyrotropin-releasing hormone stimulation and somatostatin inhibition of growth hormone secretion from perfused rat adenohypophyses. Carlson HE, et al. *Endocrinology* 94:1709-13, Jun 74
- Initiation of luteinization in rabbit Graafian follicles by dibutyryl cyclic AMP in vitro. Miller JB, et al. *Endocrinology* 95:253-9, Jul 74
- Stimulation of uridine incorporation in isolated bone cells by parathyroid hormone and cyclic AMP. Peck WA, et al. *Endocrinology* 95:289-98, Jul 74
- Properties of soluble and bound protein kinases isolated from swine kidney. Abou-Isa H, et al. *Eur J Biochem* 42:461-73, 1 Mar 74
- Cyclic AMP and adrenergic receptors in *Gambusia affinis* melanophore response in vitro. Colley AM, et al. *Gen Comp Endocrinol* 23:154-63, Jun 74
- The mechanism of frog skin lightening by acetylcholine. Moellmann G, et al. *Gen Comp Endocrinol* 23:45-51, May 74
- Protein kinase in adipose tissue: effect of hypophysectomy. Gorin E, et al. *Horm Metab Res* 6:146-50, Mar 74
- The cyclic AMP-mediated action of epinephrine on the activity of carbonic anhydrase in avian erythrocytes. Siegmund P, et al. *Horm Metab Res* 6:158-61, Mar 74
- Proceedings: The effect of cyclic AMP and cyclic GMP on the histology of the neonatal rat hepatocytes. Cheung CK. *J Anat* 116:465, Dec 73
- Biochemically active substances from Actinomycetes and other organisms. II. Effects of various compounds on motility. Azuma H, et al. *J Antibiot (Tokyo)* 27:185-91, Mar 74
- Ribonucleic acid regulation in premeabilized cells of *Escherichia coli* capable of ribonucleic acid and protein synthesis. Atherly AG. *J Bacteriol* 118:1186-9, Jun 74
- Studies with cyclic adenosine monophosphate receptor and stimulation of in vitro transcription of the Gal operon. Anderson WB, et al. *J Biol Chem* 249:3592-6, 10 Jun 74
- Casein kinase from the Golgi apparatus of lactating mammary gland. Bingham EW, et al. *J Biol Chem* 249:3647-51, 10 Jun 74
- In vitro and in vivo phosphorylation of myelin basic protein by exogenous and endogenous adenosine 3',5'-monophosphate-dependent protein kinases in brain. Miyamoto E, et al. *J Biol Chem* 249:2769-77, 10 May 74
- The effect of calcium concentration on ACTH stimulation of steroidogenesis in mouse adrenal tumor cells. Wishnow RM, et al. *J Cell Physiol* 83:419-23, Jun 74
- Human adrenal tissue in vitro: steroidogenic properties. Pearlmutter AF, et al. *J Clin Endocrinol Metab* 39:150-3, Jul 74
- Mediation of immunologic discharge of lysosomal enzymes from human neutrophils by guanosine 3',5'-monophosphate. Requirement of calcium, and inhibition by adenosine 3',5'-monophosphate. Ignarro LJ, et al. *J Exp Med* 140:225-38, 1 Jul 74
- Hormonal control of lysosomal enzyme release from human neutrophils. Effects of autonomic agents on

- enzyme release, phagocytosis, and cyclic nucleotide levels. Ignarro LJ, et al.
J Exp Med 139:1395-414, 1 Jun 74
- Differentiation between the steroidogenic effects of cholera enterotoxin and adrenocorticotropin through use of a mutant adrenal cell line. Donta ST.
J Infect Dis 129:728-31, Jun 74
- The effect of cholera enterotoxin on steroidogenesis in cultured adrenal tumor cells. Wishnow RM, et al.
J Infect Dis 129:690-5, Jun 74
- Cyclic AMP stimulation of calcium efflux from kidney, liver and heart mitochondria. Borle AB.
J Membr Biol 16:221-36, 1974
- Lanthanum inhibition of the action of oxytocin on the water permeability of the frog urinary bladder: effect on the serosal and the apical membrane. Wietzerbin J, et al.
J Membr Biol 17:27-40, 1974
- A one cell-cycle delay for tumor cytotaxis in vitro: effects of dibutylcyclic AMP or embryonic extracts on synchronized cultures of a murine tumor. Lingwood CA, et al.
J Natl Cancer Inst 52:1659-64, May 74
- Effects of neonatal hyperthyroidism on activity of cyclic AMP-dependent microsomal protein kinase. Schmidt MJ. *J Neurochem* 22:469-71, Mar 74
- Effects of verapamil on the short-circuit current of an epithelial membrane: the toad urinary bladder. Bentley PJ. *J Pharmacol Exp Ther* 189:563-9, May 74
- Effect of exogenous adenosine cyclic 3',5'-monophosphate on antibody-producing cells in vivo and in vitro. Shimamura T, et al.
Jap J Microbiol 17:530-2, Nov 73
- Proceedings: Comparison of cardiovascular effects of dibutylcyclic AMP (DBcAMP) and cyclic AMP (cAMP). Chiba T, et al.
Jap J Pharmacol 24:Suppl:50, 1974
- Adrenergic mechanism in Tetrahymena. 3. Cyclic adenosine 3',5'-monophosphate and cell proliferation. Kariya K, et al. *Jap J Pharmacol* 24:129-34, Feb 74
- Proceedings: The effects of some drugs on the Ca⁺⁺-uptake by microsomal fraction from guinea pig taenia coli. Tomiyama A, et al.
Jap J Pharmacol 24:Suppl:144, 1974
- The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF.
Kidney Int 4:80-8, Aug 73 (65 ref.)
- Stimulation of brain aromatic alkylamine N-methyltransferase activity by FAD and methylcobalamin. Hsu LL, et al.
Life Sci 14:877-85, 1 Mar 74
- A colicin-tolerant mutant of *Escherichia coli* with reduced levels of cyclic AMP and the regulation of lambdaoid phage lysogeny. Rolfe B, et al.
Mol Gen Genet 130:105-12, 21 May 74
- Biochemical changes during progesterone-induced maturation in *Xenopus laevis* oocytes. Brachet J, et al.
Mol Cell Biochem 3:189-205, 30 May 74
- Letter: On the repression of mitochondrial DNA transcription by fructose 1,6-diphosphate and its derepression by cyclic adenosine 3',5'-monophosphate. Neifakh SA, et al.
Mol Cell Biochem 3:165-8, 15 Apr 74
- Studies on the function of central noradrenergic neurons. Bloom FE, et al.
Neurosci Res 5:53-72, 1973 (75 ref.)
- Prostaglandins and inflammation. Bekemeier H, et al.
Pol J Pharmacol Pharm 26:5-23, Jan-Apr 74
- Comparison of the PGE₁ and catecholamines influence on the active transport of sodium. Szadujkiewicz-Szadurski L, et al.
Pol J Pharmacol Pharm 26:117-8, Jan-Apr 74
- The synthesis in vitro of RNA polymerase subunits of *Escherichia coli*. Austin S, et al.
Proc Natl Acad Sci USA 70:2420-3, Aug 73
- Growth and density-dependent inhibition of deoxyglucose transport in Balb 3T3 cells and its absence in cells transformed by murine sarcoma virus. Bose SK, et al.
Proc Natl Acad Sci USA 70:2374-8, Aug 73
- Guanosine 3',5'-cyclic monophosphate-dependent phosphorylation of endogenous substrate proteins in membranes of mammalian smooth muscle. Casnellie JE, et al. *Proc Natl Acad Sci USA* 71:1891-5, May 74
- Mechanism of action of nerve growth factor and cyclic AMP on neurite outgrowth in embryonic chick sensory ganglia: demonstration of independent pathways of stimulation. Frazier WA, et al.
Proc Natl Acad Sci USA 70:2448-52, Aug 73
- Cyclic-AMP-controlled oscillations in suspended Dictyostelium cells: their relation to morphogenetic cell interactions. Gerisch G, et al.
Proc Natl Acad Sci USA 71:2118-22, May 74
- Growth inhibition and morphological changes caused by lipophilic acids in mammalian cells. Ginsburg E, et al. *Proc Natl Acad Sci USA* 70:2457-61, Aug 73
- Hormonal control of lysosomal enzyme release from human neutrophils: elevation of cyclic nucleotide levels by autonomic neurohormones. Ignarro LJ, et al.
Proc Natl Acad Sci USA 71:2027-31, May 74
- Induction of the stellate configuration in cultured iris epithelial cells by adenosine and compounds related to adenosine 3',5'-cyclic monophosphate. Ortiz JR, et al. *Proc Natl Acad Sci USA* 70:2286-90, Aug 73
- Regulation of a plant 5'(3')-ribonucleotide phosphohydrolase by cyclic nucleotides and pyrimidine, purine, and cytokinin ribosides. Polya GM. *Proc Natl Acad Sci USA* 71:1299-303, Apr 74
- Rapid loss of translatable messenger RNA of phosphoenolpyruvate carboxykinase during glucose repression in liver. Tilghman SM, et al.
Proc Natl Acad Sci USA 71:1304-8, Apr 74
- Regulation of melanocyte stimulating hormone action at the receptor level: discontinuous binding of hormone to synchronized mouse melanoma cells during the cell cycle. Varga JM, et al.
Proc Natl Acad Sci USA 71:1590-3, May 74
- Enhancement of interferon antiviral action in L-cells by cyclic nucleotides. Allen LB, et al.
Proc Soc Exp Biol Med 146:580-4, Jun 74
- Effects of glucagon and dibutylcyclic AMP on the phosphorylase activity and gluconeogenesis in rat liver slices. Miller EA, et al.
Proc Soc Exp Biol Med 146:186-9, May 74
- Cyclic AMP regulation of prostaglandin biosynthesis in fat cells. Dalton C, et al.
Prostaglandins 6:227-242, 10 May 74
- Cyclic AMP, prostaglandins, and the control of cell proliferation. MacManus JP, et al.
Prostaglandins 6:475-87, 25 Jun 74 (17 ref.)
- Effect of cyclic AMP and some structural analogues on the dark repair inhibition by caffeine of uv-irradiated cells. Chandra P, et al.
Radiat Environ Biophys 11:87-90, 29 Mar 74
- Responses to exogenous adenosine 3',5'-monophosphate of cardiac output and blood flow in the renal, superior mesenteric and carotid arteries in anesthetized dogs. Nozaki H, et al.
Tohoku J Exp Med 112:119-28, Feb 74
- [Phosphorylation of histone F-1 in thymocytes] Nikolova R, et al.
Eksp Med Morfol 12:199-203, 1973 (Eng. Abstr.) (Bul)
- [Properties of erythrocyte phosphofructokinase in normal humans] Mandereau J, et al.
Biochimie 55:1341-51, 1973 (Eng. Abstr.) (Fre)
- [Subcellular distribution of protein kinases stimulated by cyclic AMP and cyclic AMP receptor proteins in the swine thyroid] Roques M, et al.
Biochimie 55:1421-30, 1973 (Eng. Abstr.) (Fre)
- [Effect of a new derivative of cyclic AMP on the liberation and synthesis of growth hormone and pituitary prolactin] Cehovic G, et al.
CR Acad Sci [D] (Paris) 277:2057-60, 12 Nov 73 (Fre)
- [Secretion of insulin and glucagon by the pancreas in newborn rats: effect of glucose and 3',5'-cyclic AMP adenosine monophosphate] Jarrouse C, et al.
CR Acad Sci [D] (Paris) 276:797-800, 29 Jan 73 (Fre)
- [Studies on development of the phycomycete *Allomyces arbuscula*. I. Effects of inhibitors of protein and nucleic acid synthesis on differentiation of gametangia (author's transl)] Fährnich P.
Arch Mikrobiol 98:85-92, 7 Jun 74 (Eng. Abstr.) (Ger)
- [5-HT-induced relaxation and cyclic AMP in a molluscan smooth muscle (author's transl)] Achazi RK, et al.
Pflügers Arch 349:19-27, 24 May 74 (Ger)
- [Cyclic AMP influence on glucose metabolism in human blood platelets] Schneider WH, et al.
Verh Dtsch Ges Inn Med 79:488-90, 1973 (Ger)
- [Dysfunction of phagocytosis with special reference to chronic granulomatous disease] Usui T, et al.
Jap J Clin Med 31:1051-75, May 73 (220 ref.) (Jap)

PHYSIOLOGY

- Inhibition by phenothiazines of adenylate cyclase in adrenal and brain tissue. Free CA, et al.
Adv Biochem Psychopharmacol 9:739-48, 1974
- Regulation of myocardial contraction. Nayler WG, et al.
Adv Cardiol 12:45-58, 1974 (23 ref.)
- Beta-adrenergic effects on rat myometrium: role of

- cyclic AMP. Kroeger EA, et al.
Am J Physiol 226:1298-303, Jun 74
- Symposium on allergic lung disease. IV. Immunologic mechanisms for release of chemical mediators of anaphylaxis from human lung tissue. Kallner M.
Can Med Assoc J 110:431 passim, 16 Feb 74 (27 ref.)
- Proceedings: Light regulation of adenosine 3',5' cyclic monophosphate levels in vertebrate photoreceptors. Miki N, et al. *Exp Eye Res* 18:281-97, Mar 74
- Intestinal secretion. Field M.
Gastroenterology 66:1063-84, May 74
- Cyclic AMP and adrenergic receptors in *Gambusia affinis* melanophore response in vitro. Colley AM, et al. *Gen Comp Endocrinol* 23:154-63, Jun 74
- The effects of epinephrine and prostaglandin E-1 on cyclic adenosine 3',5'-monophosphate levels in WI-38 fibroblasts. Kelly LA, et al.
J Clin Invest 53:3098-102, Jun 74
- Possible involvement of cyclic AMP in regulation of masculine sexual behaviour by testosterone. Christensen LW, et al. *J Endocrinol* 61:153-61, Apr 74
- The gonadotrophins and their releasing factors. Greep RO. *J Reprod Fertil [Suppl]* 20:1-9, Dec 73 (25 ref.)
- A molecular theory to explain the mechanisms of allergic histamine release. Bach MK.
J Theor Biol 45:131-51, May 74
- Adrenergic mechanism in *Tetrahymena*. 3. Cyclic adenosine 3',5'-monophosphate and cell proliferation. Kariya K, et al. *Jap J Pharmacol* 24:129-34, Feb 74
- The influence of caffeine on d-amphetamine- and apomorphine-induced stereotyped behavior. Klawans HL, et al. *Life Sci* 14:1493-500, 16 Apr 74
- Regulation of cell growth by cyclic AMP.
Nutr Rev 31:228-9, Jul 73 (11 ref.)
- How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WW.
Prog Brain Res 39:21-39, 1973 (80 ref.)
- [Platelets, ADP, cAMP, and antiplatelet drugs] Gascon G, et al.
Union Med Can 103:1077-82, Jun 74 (Eng. Abstr.) (Fre)
- [Role of prostaglandins in the skin] Ziboh VA, et al. *Hautarzt* 24:519-22, Dec 73 (38 ref.) (Ger)
- [Symposium I: The skin and cyclic AMP] Nishizuka Y, et al. *Jap J Dermatol [A]* 84:46-51, 1974 (Jap)
- [Mechanisms of regulation of biochemical processes in microorganisms] Kulaev IS.
Usp Sovrem Biol 77:91-102, Mar 74 (52 ref.) (Rus)

RADIATION EFFECTS

- Photoaffinity labeling with cyclic nucleotides.
 Antonoff RS, et al. *J Clin Invest* 53:3319-21, Jun 74

SECRETION

- Parathormone, cyclic AMP and neonatal kidneys.
Nutr Rev 31:86-8, Mar 73 (7 ref.)

THERAPEUTIC USE

- Synthesis and biological activity of some 8-substituted seleno cyclic nucleotides and related compounds. Chu SH, et al. *J Med Chem* 17:406-9, Apr 74

TOXICITY

- Proceedings: Acute toxicity of cyclic AMP in mice.
 Watanabe M, et al. *Jap J Pharmacol* 24:Suppl:50, 1974

URINE

- The pharmacodynamics of depression and its relation to therapy. Lewis DO.
Br J Clin Pract 28:21-7, Jan 74 (55 ref.)
- Urinary excretion of cyclic AMP by cold-acclimated rats. Muirhead M, et al. *Can J Biochem* 52:414-7, May 74
- Effects of calcitonin in the concentration of cyclic adenosine 3',5'-monophosphate in rat kidney in vivo and in vitro. Kurokawa K, et al.
Endocrinology 94:1514-8, Jun 74
- Effects of glucocorticosteroids on the urinary excretion of cyclic AMP and electrolytes by asthmatic children. Coffey RG, et al.
J Allergy Clin Immunol 54:41-53, Jul 74
- Protein binding of 3',5'-adenosine cyclic monophosphate acid. Mato JM, et al.
Rev Esp Fisiol 29:233-8, Sept 73
- Altered action of parathyroid hormone by

- chlorpropamide. Numann PJ, et al.
Surgery 75:869-73, Jun 74
- [Determination of renal cyclic adenosine 3',5'-monophosphate excretion for diagnosis of primary hyperparathyroidism] Schmidt-Gayk H, et al.
Verh Dtsch Ges Inn Med 79:1261-3, 1973 (Ger)

GUANOSINE CYCLIC 3',5' MONOPHOSPHATE

- Guanosine 3', 5'-cyclic monophosphate phosphodiesterase activity of *Bacillus licheniformis*. Hwang TC, et al.
Biochem Biophys Res Commun 58:707-13, 4 Jun 74
- Cyclic nucleotide phosphodiesterase of *Chlamydomonas reinhardtii*. Fischer U, et al.
Biochim Biophys Acta 341:412-20, 25 Apr 74
- Analogues of alpha-tocopherol as inhibitors of cyclic AMP and cyclic-GMP phosphodiesterases and effects of alpha-tocopherol deficiency on cyclic AMP-controlled metabolism. Schroeder J.
Biochim Biophys Acta 343:173-81, 20 Mar 74
- Studies on cyclic nucleotides in the adrenal gland. 3. Properties of cyclic AMP- and GMP-dependent protein kinases in the adrenal gland. Shima S, et al.
Biochim Biophys Acta 341:56-64, 21 Mar 74
- Cholinergic augmentation of lymphocyte-mediated cytotoxicity. A study of the cholinergic receptor of cytotoxic T lymphocytes. Strom TB, et al.
Proc Natl Acad Sci USA 71:1330-3, Apr 74

ANALYSIS

- Guanosine 3',5'-cyclic monophosphate and the action of insulin and acetylcholine. Illiano G, et al.
Proc Natl Acad Sci USA 70:2443-7, Aug 73

BIOSYNTHESIS

- Letter: Cyclic GMP and gastric acid secretion. Bower RH, et al. *Am J Dig Dis* 19:582, Jun 74
- Cyclic nucleotide metabolism in human photoreceptors. Pannbacker RG.
Invest Ophthalmol 13:535-8, Jul 74
- Elevation of cyclic GMP levels in central nervous system by excitatory and inhibitory amino acids. Ferrendelli JA, et al. *J Neurochem* 22:535-40, Apr 74
- Guanosine 3',5'-cyclic monophosphate and the action of insulin and acetylcholine. Illiano G, et al.
Proc Natl Acad Sci USA 70:2443-7, Aug 73

BLOOD

- A comparison of cyclic nucleotide levels in plasma and cells of rat and human blood. Patterson WD, et al.
Endocrinology 95:325-7, Jul 74
- Hormonal control of lysosomal enzyme release from human neutrophils. Effects of autonomic agents on enzyme release, phagocytosis, and cyclic nucleotide levels. Ignarro LJ, et al.
J Exp Med 139:1395-414, 1 Jun 74

ISOLATION & PURIFICATION

- A microassay for guanosine 3',5'-monophosphate phosphodiesterase activity. Fertel R, et al.
Anal Biochem 59:386-98, Jun 74

METABOLISM

- Conformational transitions of cyclic adenosine monophosphate receptor protein of *Escherichia coli*. A temperature-jump study. Wu CW, et al.
Biochemistry 13:2573-8, 4 Jun 74
- Effects of decapitation, ether and pentobarbital on guanosine 3',5'-phosphate and adenosine 3',5'-phosphate levels in rat tissues. Kimura H, et al.
Biochim Biophys Acta 343:519-28, 24 May 74
- Cyclic nucleotide levels in incubations of guinea pig trachea. Murad F, et al.
Biochim Biophys Acta 343:275-86, 22 Apr 74
- Implications of portal hepatotrophic factors in hepatology. Popper H.
Gastroenterology 66:1227-33, Jun 74
- Cyclic nucleotide metabolism in human photoreceptors. Pannbacker RG.
Invest Ophthalmol 13:535-8, Jul 74
- Photoaffinity labeling with cyclic nucleotides.
 Antonoff RS, et al. *J Clin Invest* 53:3319-21, Jun 74

Hormonal control of lysosomal enzyme release from human neutrophils: elevation of cyclic nucleotide levels by autonomic neurohormones. Ignarro LJ, et al. *Proc Natl Acad Sci USA* 71:2027-31, May 74

Estrogen-related increases in uterine guanosine 3':5'-cyclic monophosphate levels. Kuehl FA Jr, et al. *Proc Natl Acad Sci USA* 71:1866-70, May 74

Effects of indomethacin on Moloney sarcoma virus-induced tumors. Humes JL, et al. *Prostaglandins* 6:463-73, 25 Jun 74

[The composition, dynamics and enzymatic transformation of acid-soluble nucleotides, nucleosides and bases of mycelial fungi] Popova TA, et al. *Mikrobiologiya* 43:220-6, Mar 74 (Eng. Abstr.) (Rus)

[Effect of "carboxylline" on the restoration of free nucleotides in the duck liver] Mikhailevskiy VO, et al. *Ukr Biokhim Zh* 45:524-7, Sep-Oct 73 (Eng. Abstr.) (Ukr)

PHARMACODYNAMICS

Cyclic nucleotide phosphodiesterase activities from isolated fat cells: correlation of subcellular distribution with effects of nucleotides and insulin. Sakai T, et al. *Arch Biochem Biophys* 162:331-9, Jun 74

The influence of cyclic GMP on polypeptide synthesis in a cell-free system derived from wheat embryos. Lanzani GA, et al. *Biochem Biophys Res Commun* 58:172-7, 7 May 74

Heat treatment of rat liver denosine 3':5'-monophosphate phosphodiesterase. Kinetic characterization of the low affinity enzyme. Bevers MM, et al. *Biochim Biophys Acta* 341:120-8, 21 Mar 74

Activation and phosphorylation of carbonic anhydrase by adenosine 3',5'-monophosphate-dependent protein kinases. Narumi S, et al. *Biochim Biophys Acta* 350:215-24, 20 May 74

Studies on cyclic nucleotides in the adrenal gland. 3. Properties of cyclic AMP- and GMP-dependent protein kinases in the adrenal gland. Shima S, et al. *Biochim Biophys Acta* 341:56-64, 21 Mar 74

Modulation by cyclic AMP in vitro of liver plasma

membrane (Na⁺-K⁺)-ATPase and protein kinases. Tria E, et al. *Biochim Biophys Acta* 343:297-306, 22 Apr 74

Effect of cyclic 3'-5' GMP on in vitro protein synthesis. De Nayer P. *Biochimie* 55:1507-9, 1973

Two cAMP-activated protein kinases from bovine thyroid. Wilson MB, et al. *Can J Biochem* 52:319-26, Apr 74

Proceedings: The effect of cyclic AMP and cyclic GMP on the histology of the neonatal rat hepatocytes. Cheung CK. *J Anat* 116:465, Dec 73

Studies with cyclic adenosine monophosphate receptor and stimulation of in vitro transcription of the Gal operon. Anderson WB, et al. *J Biol Chem* 249:3592-6, 10 Jun 74

Mediation of immunologic discharge of lysosomal enzymes from human neutrophils by guanosine 3',5'-monophosphate. Requirement of calcium, and inhibition by adenosine 3',5'-monophosphate. Ignarro LJ, et al. *J Exp Med* 140:225-38, 1 Jul 74

Hormonal control of lysosomal enzyme release from human neutrophils. Effects of autonomic agents on enzyme release, phagocytosis, and cyclic nucleotide levels. Ignarro LJ, et al. *J Exp Med* 139:1395-414, 1 Jun 74

Cyclic AMP stimulation of calcium efflux from kidney, liver and heart mitochondria. Borle AB. *J Membr Biol* 16:221-36, 1974

Guanosine 3':5'-cyclic monophosphate-dependent phosphorylation of endogenous substrate proteins in membranes of mammalian smooth muscle. Casnellie JE, et al. *Proc Natl Acad Sci USA* 71:1891-5, May 74

Hormonal control of lysosomal enzyme release from human neutrophils: elevation of cyclic nucleotide levels by autonomic neurohormones. Ignarro LJ, et al. *Proc Natl Acad Sci USA* 71:2027-31, May 74

Regulation of a plant 5'(3')-ribonucleotide phosphohydrolase by cyclic nucleotides and pyrimidine, purine, and cytokinin ribosides. Polya GM. *Proc Natl Acad Sci USA* 71:1299-303, Apr 74

APPENDIX

ADENYL CYCLASE

- The thyrotrophin receptor in guinea-pig thyroid homogenate: interaction with the long-acting thyroid stimulator. Manley SW, et al.
J Endocrinol 61:437-45, Jun 74
 Neurotransmitter synthetic enzymes. McGeer PL, et al.
Prog Neurobiol 2:71-117, 1973 (421 ref.)

ANALYSIS

- Regulatory role of adenylyl cyclase and cyclic AMP. Jarrott B, et al. *Adv Cardiol* 12:149-61, 1974
 A highly sensitive adenylyl cyclase assay. Salomon Y, et al. *Anal Biochem* 58:541-8, Apr 74
 Hormonal responsiveness of adenylyl cyclase activity from separate bone cells. Smith DM, et al. *Endocrinology* 95:130-9, Jul 74
 The activity of adenylyl cyclase, phosphodiesterase and protein kinase in the adenohypophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenerová V, et al. *Horm Metab Res* 6:208-13, May 74
 The thyrotrophin receptor in guinea-pig thyroid homogenate: general properties. Manley SW, et al. *J Endocrinol* 61:419-36, Jun 74
 Genetic study of the effects of (8-arginine)- and (8-lysine)-vasopressins on adenylyl cyclase activity of mouse kidney. Stewart AD. *J Endocrinol* 61:447-54, Jun 74
 Regulation of glycogen metabolism in acute uremic hearts. Penpargkul S, et al. *Metabolism* 23:631-44, Jul 74
 Cytochemical demonstration of adenylyl cyclase in rat incisor enamel organ. Mörnstad H, et al. *Scand J Dent Res* 82:147-9, 1974
 [Secretion of insulin and glucagon by the pancreas in newborn rats: effect of glucose and 3'-5'-cyclic AMP adenosine monophosphate] Jarrousse C, et al. *CR Acad Sci [D] (Paris)* 276:797-800, 29 Jan 73 (Fre)
 [The lipotropins (author's transl)] Schwandt P. *Klin Wochenschr* 52:153-65, 15 Feb 74 (105 ref.) (Eng. Abstr.) (Ger)

ANTAGONISTS & INHIBITORS

- Effect of prolonged lithium ingestion on glucagon and parathyroid hormone responses in rats. Olesen OV, et al. *Acta Pharmacol Toxicol (Kbh)* 34:225-31, Apr 74
 Inhibition by phenothiazines of adenylyl cyclase in adrenal and brain tissue. Free CA, et al. *Adv Biochem Psychopharmacol* 9:739-48, 1974
 Effects of phenothiazines and phenothiazine metabolites on adenylyl cyclase and the cyclic AMP response in the rat brain. Palmer GC, et al. *Adv Biochem Psychopharmacol* 9:749-67, 1974
 Biochemical reactions involved in pancreatic enzyme secretion. I. Activation of the adenylyl cyclase complex. Beaudoin AR, et al. *Can J Physiol Pharmacol* 52:174-82, Apr 74
 Effect of glucagon, diazoxide, phentolamine on islet adenylyl cyclase. Davis B, et al. *Horm Metab Res* 6:166-7, Mar 74
 Adenylyl cyclase. A new kinetic analysis of the effects of hormones and fluoride ion. Haën C de. *J Biol Chem* 249:2756-62, 10 May 74
 Stimulation and desensitization of macrophage adenylyl cyclase by prostaglandins and catecholamines. Remold-O'Donnell E. *J Biol Chem* 249:361-21, 10 Jun 74

- Uncoupling of catecholamine activation of pigeon erythrocyte membrane adenylyl cyclase by filipin. Puchwein G, et al. *J Clin Invest* 53:3232-40, Jun 74
 Kinetic evidence for the presence of two prostaglandin receptor sites regulating the activity of intestinal adenylyl cyclase sensitive to *Escherichia coli* enterotoxin. Kantor HS, et al. *Proc Natl Acad Sci USA* 71:1317-21, Apr 74
 [Clinical significance of immunoglobulin E] Baenkler HW. *Dtsch Med Wochenschr* 99:590-6, 22 Mar 74 (65 ref.) (Ger)

- [Glucagon and its effect on the gastrointestinal tract] Ratzmann KP, et al. *Z Gesamte Inn Med* 29:94-7, 1 Feb 74 (Eng. Abstr.) (Ger)

BIOSYNTHESIS

- [Bacterial enzymology: adenylyl cyclase] Hayashi O. *Jap J Bacteriol* 29:30, Jan 74 (Jap)

BLOOD

- Uncoupling of catecholamine activation of pigeon erythrocyte membrane adenylyl cyclase by filipin. Puchwein G, et al. *J Clin Invest* 53:3232-40, Jun 74

ISOLATION & PURIFICATION

- Detergent dispersion of adenylyl cyclase from partially purified rat liver plasma membranes. Pilakis SJ, et al. *Biochim Biophys Acta* 341:388-95, 25 Apr 74
 Proceedings: Physiology and enzymology of frog photoreceptor membranes. Bownes D, et al. *Exp Eye Res* 18:253-69, Mar 74

METABOLISM

- Adrenergic receptors and insulin secretion. Carandente F. *Acta Diabetol Lat* 10:1087-99, Sep-Oct 73
 Stimulation of adenosine 3,5-monophosphate formation in mast cells by 5-hydroxytryptamine and guanethidine. Gripenberg J, et al. *Acta Physiol Scand* 90:648-50, Mar 74
 The action of chlorpromazine on the metabolism of cyclic adenosine 3',5'-monophosphate. Wollemann M. *Adv Biochem Psychopharmacol* 9:731-8, 1974
 A highly sensitive adenylyl cyclase assay. Salomon Y, et al. *Anal Biochem* 58:541-8, Apr 74
 Distribution of enzymes of glycogen metabolism and calcium uptake in skeletal muscle. Bailey PJ, et al. *Arch Biochem Biophys* 161:592-600, 2 Apr 74
 Stimulation by thyrotrophin of horse thyroid plasma membranes adenylyl cyclase: evidence of cooperativity. Boeynaems JM, et al. *Biochem Biophys Res Commun* 58:446-53, 20 May 74
 Beta-adrenergic receptors: stereospecificity and lack of affinity for catechols. Tell GP, et al. *Biochem Biophys Res Commun* 57:793-800, 8 Apr 74
 A *Neurospora crassa* morphological mutant showing reduced adenylyl cyclase activity. Terenzi HF, et al. *Biochem Biophys Res Commun* 58:990-6, 18 Jun 74
 Adenylyl cyclase activities of the sarcolemmal membranes of the genetically myopathic hamsters. Dhalla NS, et al. *Biochem Med* 9:368-72, Apr 74
 Regulation of adenylyl cyclase from isolated pancreatic islets by prostaglandins and guanosine

- 5'-triphosphate. Johnson DG, et al. *Biochemistry* 13:1920-4, 23 Apr 74
- Isolation of human parathyroid hormone. Keutmann HT, et al. *Biochemistry* 13:1646-52, 9 Apr 74
- Hormone-receptor interactions. Adrenocorticotrophic hormone binding site increase in isolated fat cells by phenoxazones. Lang U, et al. *Biochemistry* 13:2626-33, 4 Jun 74
- Inhibitors of glucagon inactivation. Effect on glucagon-receptor interactions and glucagon-stimulated adenylate cyclase activity in liver cell membranes. Desbuquois B, et al. *Biochim Biophys Acta* 343:101-20, 20 Mar 74
- Adenylate cyclase in a sea anemone. Implication for chemoreception. Gentleman S, et al. *Biochim Biophys Acta* 343:469-79, 24 May 74
- Formation, accumulation and release of adenosine 3',5'-monophosphate induced by histamine in the superior cervical ganglion of the rat in vitro. Lindl T, et al. *Biochim Biophys Acta* 343:182-91, 20 Mar 74
- Effects of glucagon on cyclic AMP and carbohydrate metabolism in livers from diabetic rats. Pilakis SJ, et al. *Biochim Biophys Acta* 343:250-67, 20 Mar 74
- Detergent dispersion of adenylate cyclase from partially purified rat liver plasma membranes. Pilakis SJ, et al. *Biochim Biophys Acta* 341:388-95, 25 Apr 74
- Adenylate cyclase activity in lymphoid organs during regional and systemic graft-versus-host reactions. Singh JN, et al. *Biochim Biophys Acta* 341:378-87, 25 Apr 74
- Alterations in adenylate cyclase activity of the rat prostate gland. Sutherland DJ, et al. *Biochim Biophys Acta* 343:238-49, 20 Mar 74
- Changes in the adenyl cyclase system of skeletal muscle of cold-acclimated rats. Muirhead M, et al. *Can J Biochem* 52:176-80, Mar 74
- Biochemical reactions involved in pancreatic enzyme secretion. I. Activation of the adenylate cyclase complex. Beaudoin AR, et al. *Can J Physiol Pharmacol* 52:174-82, Apr 74
- Activity and hormone responsiveness of adenyl cyclase during induction of tumors in rat liver with 3'-methyl-4-dimethylaminoazobenzene. Boyd H, et al. *Cancer Res* 34:1720-5, Jul 74
- Studies on plasma membranes. XXI. Inhibition of liver plasma membrane enzymes by tumour-promoting phorbol ester, mitotic inhibitors and cytochalasin B. Bos CJ, et al. *Chem Biol Interact* 8:349-61, May 74
- Changes in adenosine 3',5'-monophosphate induced by parathyroid hormone and theophylline in the developing rat renal cortex. Muschek LD, et al. *Dev Biol* 33:56-61, Jul 73
- Observations on the effects of chromate on the thyroid. Chirasevenuprapund P, et al. *Endocrinology* 94:1714-22, Jun 74
- Embryonic chick intestine in organ culture: interaction of adenylate cyclase system and vitamin D3-mediated calcium absorptive mechanism. Corradino RA. *Endocrinology* 94:1607-14, Jun 74
- Inhibition of glucagon-mediated increases in hepatic cyclic adenosine 3',5'-monophosphate by prostaglandin E1 and E2. DeRubertis FR, et al. *Endocrinology* 95:93-101, Jul 74
- Thyrotropin-binding properties of isolated thyroid cells and their purified plasma membranes. Relation of thyrotropin-specific binding to adenylate-cyclase activation. Verrier B, et al. *Eur J Biochem* 42:355-65, 1 Mar 74
- The cyclic AMP response to noradrenalin in young adult rat brain following post-natal injections of 6-hydroxydopamine. Palmer GC, et al. *Experientia* 30:520-1, 15 May 74
- Effect of glucagon, diazoxide, phentolamine on islet adenylate cyclase. Davis B, et al. *Horm Metab Res* 6:166-7, Mar 74
- The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohypophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. Klenarová V, et al. *Horm Metab Res* 6:208-13, May 74
- Action of *Escherichia coli* enterotoxin: adenylate cyclase behavior of intestinal epithelial cells in culture. Kantor HS, et al. *Infect Immun* 9:1003-10, Jun 74
- Cyclic nucleotide metabolism in human photoreceptors. Pannbacker RG. *Invest Ophthalmol* 13:535-8, Jul 74
- Adenylate cyclase. A new kinetic analysis of the effects of hormones and fluoride ion. Haën C de. *J Biol Chem* 249:2756-62, 10 May 74
- Characterization of 125I-glucagon binding in a solubilized preparation of cat myocardial adenylate cyclase. Further evidence for a dissociable receptor site. Levey GS, et al. *J Biol Chem* 249:2665-73, 10 May 74
- Formation of a novel nucleotide by fat cell preparations containing adenylate cyclase. Petrack B, et al. *J Biol Chem* 249:3661-3, 10 Jun 74
- Stimulation and desensitization of macrophage adenylate cyclase by prostaglandins and catecholamines. Remold-O'Donnell E. *J Biol Chem* 249:361-21, 10 Jun 74
- The enhancement of macrophage adenylate cyclase by products of activated lymphocytes. Remold-O'Donnell E, et al. *J Biol Chem* 249:3622-7, 10 Jun 74
- The enrichment of adenylate cyclase in the plasma membrane and golgi subcellular fractions of porcine adenohypophysis. McKeel DW Jr, et al. *J Cell Biol* 62:231-6, Jul 74
- Regulation of renal ammoniogenesis. Subcellular localization of rat kidney glutaminase isoenzymes. Curthoys NP, et al. *J Clin Invest* 53:3261-6, Jun 74
- The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine 3',5'-monophosphate in freshly isolated bone cells. Rodan SB, et al. *J Clin Invest* 53:3068-74, Jun 74
- Role of cyclic adenosine 3',5'-monophosphate in lymphocyte mitogenesis. DeRubertis FR, et al. *J Immunol* 113:151-61, Jul 74
- Dopamine in the mesolimbic system of the rat brain: endogenous levels and the effects of drugs on the uptake mechanism and stimulation of adenylate cyclase activity. Horn AS, et al. *J Neurochem* 22:265-70, Feb 74
- Alterations in cyclic AMP metabolism associated with photoreceptor cell degeneration in the CSH mouse. Lolley RN, et al. *J Neurochem* 22:701-7, May 74
- Developmental and regional variations in neurotransmitter-sensitive adenylate cyclase systems in cell-free preparations from rat brain. Von Hungen K, et al. *J Neurochem* 22:811-9, May 74
- Proceedings: Effects of various agents on the endogenous activator to synaptosomal adenyl cyclase of rat brain. Izumi H, et al. *Jap J Pharmacol* 24:Suppl:45, 1974
- Proceedings: Studies on cyclic nucleotides in the adrenal gland. V. Adenyl and guanyl cyclase activities in the cortex and medulla of the adrenal gland. Shima S, et al. *Jap J Pharmacol* 24:Suppl:46, 1974
- Proceedings: Pharmacological aspect of enzymes related to cyclic AMP. Shimizu H. *Jap J Pharmacol* 24:Suppl:22, 1974
- Proceedings: Electrophysiological studies on adenyl cyclase-cyclic AMP system in the fat cell membrane. Tasaka K, et al. *Jap J Pharmacol* 24:Suppl:49, 1974
- Rate of inactivation of adenyl cyclase and phosphodiesterase: determinants of brain cyclic AMP. Jones DJ, et al. *Life Sci* 14:1577-85, 16 Apr 74
- Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylate cyclase and cyclic adenosine 3',5' monophosphate by hypothalamic extract. Zor U, et al. *Metabolism* 23:549-59, Jun 74
- Proceedings: A correlated biochemical and morphological study of the development of adrenocorticotrophin-sensitive adenylate cyclase activity in foetal rabbit adrenals. Albano JD, et al. *N Engl J Med* 291:73-4, 11 Jun 74
- Binding of luteinizing hormone and human chorionic gonadotrophin to ovarian cells and activation of adenylate cyclase. Koch Y, et al. *N Engl J Med* 291:179-91, 11 Jun 74
- Temperature immutability of adenyl cyclase-coupled beta adrenergic receptors. Caron MG, et al. *Nature* 249:258-60, 17 May 74
- Demonstration of acetylcholine-sensitive adenyl cyclase in malignant neuroblastoma cells in culture. Prasad KN, et al. *Nature* 249:765-7, 21 Jun 74
- Dissociation of catecholamine-induced formation of adenosine 3',5'-monophosphate and release of glycerol in fat cells by prostaglandin E1, E2 and N6-phenylisopropyladenosine. Stock K, et al. *Naunyn Schmiedeberg Arch Pharmacol* 282:15-31, 1974
- Regulation of cell growth by cyclic AMP. *Nutr Rev* 31:228-9, Jul 73 (11 ref.)
- Dopamine-sensitive adenylate cyclase in mammalian brain: a possible site of action of antipsychotic drugs.

- Clement-Cormier YC, et al.
Proc Natl Acad Sci USA 71:1113-7, Apr 74
 Mechanism of action of nerve growth factor and cyclic AMP on neurite outgrowth in embryonic chick sensory ganglia: demonstration of independent pathways of stimulation. Frazier WA, et al.
Proc Natl Acad Sci USA 70:2448-52, Aug 73
 Kinetic evidence for the presence of two prostaglandin receptor sites regulating the activity of intestinal adenylate cyclase sensitive to *Escherichia coli* enterotoxin. Kantor HS, et al.
Proc Natl Acad Sci USA 71:1317-21, Apr 74
 Effects of epinephrine, adrenocorticotrophic hormone, and theophylline on adenosine 3', 5'-monophosphate phosphodiesterase activity in fat cells. Pawlson LG, et al.
Proc Natl Acad Sci USA 71:1639-42, May 74
 Cyclic 3':5'-adenosine monophosphate in *Escherichia coli* during transient and catabolite repression. Wayne PK, et al.
Proc Natl Acad Sci USA 71:1436-40, Apr 74
 125I-glucagon binding and adenylate cyclase activation in the fetal rat heart. Levey GS, et al.
Proc Soc Exp Biol Med 146:425-31, Jun 74
 Specific PGE1 and PGE2 binding sites in platelet membranes. Gorman RR.
Prostaglandins 6:542, 25 Jun 74
 Cyclic AMP, prostaglandins, and the control of cell proliferation. MacManus JP, et al.
Prostaglandins 6:475-87, 25 Jun 74 (17 ref.)
 Prostaglandin receptors in the bovine corpus luteum cell membranes. Rao CV.
Prostaglandins 6:533-6, 25 Jun 74
 Cytochemical demonstration of adenyl cyclase in rat incisor enamel organ. Mörnstad H, et al.
Scand J Dent Res 82:147-9, 1974
 Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al.
Yale J Biol Med 46:314-23, Oct 73 (43 ref.)
 [Studies on epinephrine- and norepinephrine-stimulated FFA (Free Fatty Acid) mobilization in vitro and in human fatty tissue from various regions] Ratzmann KP.
Dtsch Z Verdau Stoffwechselkr 33:137-40, 1973 (Ger)
 [Symposium I: The skin and cyclic AMP] Nishizuka Y, et al. *Jap J Dermatol [A]* 84:46-51, 1974 (Jap)
 [Biological role of leucocytic proteases and their significance to clinical medicine (author's transl)] Koj A. *Przegl Lek* 31:425-6, 1974 (Pol)
 [Role of adrenergic receptors in the mechanism of bronchial spasm] Wasek Z, et al.
Wiad Lek 27:515-20, 15 Mar 74 (Eng. Abstr.) (Pol)
 [Cardiovascular effects of glucagon] Liakishev AA, et al. *Kardiologia* 12:128-36, Jul 72 (Rus)
 [Current diabetology and its prospects] Kovač T, et al. *Med Pregl* 26:273-9, 1973 (Ser)

PHYSIOLOGY

- Proceedings: Light regulation of adenosine 3',5' cyclic monophosphate levels in vertebrate photoreceptors. Miki N, et al. *Exp Eye Res* 18:281-97, Mar 74
 The gonadotrophins and their releasing factors. Greep RO. *J Reprod Fertil [Suppl]* 20:1-9, Dec 73 (25 ref.)
 A molecular theory to explain the mechanisms of allergic histamine release. Bach MK.
J Theor Biol 45:131-51, May 74
 The influence of caffeine on d-amphetamine- and apomorphine-induced stereotyped behavior. Klawans HL, et al. *Life Sci* 14:1493-500, 16 Apr 74
 How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WW.
Prog Brain Res 39:21-39, 1973 (80 ref.)

GUANYL CYCLASE

METABOLISM

- Cyclic nucleotide metabolism in human photoreceptors. Pannbacker RG.
Invest Ophthalmol 13:535-8, Jul 74
 Proceedings: Studies on cyclic nucleotides in the adrenal gland. V. Adenyl and guanyl cyclase activities in the cortex and medulla of the adrenal gland. Shima S, et al. *Jap J Pharmacol* 24:Suppl:46, 1974

* HORMONES, ECTOPIC

- Letter: Feminization in tumors of Sertoli-Leydig cells. Fentanes de Torres E.
Acta Cytol (Baltimore) 18:187-9, May-Jun 74
 Ectopic hyperparathyroidism. Foley TJ.
Am J Surg 128:108-10, Jul 74
 Immunochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al.
J Clin Invest 53:1726-35, Jun 74

BIOSYNTHESIS

- Synthesis of human placental alkaline phosphatase in vitro by the ChaGo cell line. Ludueña MA, et al.
J Natl Cancer Inst 52:1705-9, Jun 74
 Ectopic production of the isolated alpha subunit of the glycoprotein hormones. A quantitative marker in certain cases of cancer. Rosen SW, et al.
N Engl J Med 290:1441-7, 27 Jun 74

BLOOD

- Radioimmunoassay of parathyroid hormone in hypercalcemic patients with malignant disease. Benson RC Jr, et al. *Am J Med* 56:821-6, Jun 74
 Immunoactive forms of circulating parathyroid hormone in primary and ectopic hyperparathyroidism. Benson RC Jr, et al.
J Clin Invest 54:175-81, Jul 74

SECRETION

- Ectopic hormone production by non-endocrine tumours. Rees LH, et al.
Clin Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)
 Regulation of aldosterone in the syndrome of inappropriate antidiuretic hormone secretion (SIADH). Fichman MP, et al.
J Clin Endocrinol Metab 39:136-44, Jul 74
 Estrogen production and its origin in men with gonadotropin-producing neoplasms. Kirschner MA, et al. *J Clin Endocrinol Metab* 39:112-8, Jul 74
 Tumour-associated hormonal products. Landon J, et al. *J Clin Pathol [Suppl]* 7:127-34, 1974 (58 ref.)
 Letter: Hyperthyrocalcitoninaemia, Schwartz-Bartter syndrome, and oat-cell carcinoma. Cattani D, et al. *Lancet* 1:938, 11 May 74
 Cell hybridisation in the genesis of ectopic hormone-secreting tumours. Warner TF.
Lancet 1:1259-60, 22 Jun 74
 [A case of ectopic gonadotropin producing cholangioma (author's transl)] Tanaka T, et al.
J Jap Soc Intern Med 62:1539-46, Nov 73 (Jap)
 [Do extra-adrenal pheochromocytomas excrete adrenaline? Study on fluorimetric interference in the differential measurement of catecholamines] Chávez Lara B, et al.
Arch Inst Cardiol Mex 44:263-6, Mar-Apr 74 (Eng. Abstr.) (Spa)

NEOPLASTIC ENDOCRINE-LIKE SYNDROMES

- Estrogen production and its origin in men with gonadotropin-producing neoplasms. Kirschner MA, et al. *J Clin Endocrinol Metab* 39:112-8, Jul 74
 [Cancer of the parathyroid glands. General review of 108 cases] Murie N, et al.
Cah Med 14:1025-35, 30 Nov 73 (Fre)
 [Use of chlorpromazine and trans-sphenoidal micro-surgery in the treatment of acromegaly (dynamic study of growth hormone secretion)] Lazorthes Y, et al.
Neurochirurgie 19:603-10, Dec 73 (Eng. Abstr.) (Fre)

BLOOD

- Radioimmunoassay of parathyroid hormone in hypercalcemic patients with malignant disease. Benson RC Jr, et al. *Am J Med* 56:821-6, Jun 74
 Immunoactive forms of circulating parathyroid hormone in primary and ectopic hyperparathyroidism. Benson RC Jr, et al.
J Clin Invest 54:175-81, Jul 74
 Letter: Hyperthyrocalcitoninaemia, Schwartz-Bartter syndrome, and oat-cell carcinoma. Cattani D, et al. *Lancet* 1:938, 11 May 74

APPENDIX

PROSTAGLANDINS

COMPLICATIONS

Immunochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al. *J Clin Invest* 53:1726-35, Jun 74

DIAGNOSIS

Radioimmunoassay of parathyroid hormone in hypercalcemic patients with malignant disease. Benson RC Jr, et al. *Am J Med* 56:821-6, Jun 74

ENZYMOLGY

Immunochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al. *J Clin Invest* 53:1726-35, Jun 74

ETIOLOGY

Cell hybridisation in the genesis of ectopic hormone-secreting tumours. Warner TF. *Lancet* 1:1259-60, 22 Jun 74

FAMILIAL & GENETIC

Cell hybridisation in the genesis of ectopic hormone-secreting tumours. Warner TF. *Lancet* 1:1259-60, 22 Jun 74

IMMUNOLOGY

Immunochemical localization of parathyroid hormone in cancer tissue from patients with ectopic hyperparathyroidism. Palmieri GM, et al. *J Clin Invest* 53:1726-35, Jun 74

METABOLISM

Ectopic hormone production by non-endocrine tumours. Rees LH, et al. *Clin Endocrinol (Oxf)* 3:263-99, Jul 74 (94 ref.)
Tumour-associated hormonal products. Landon J, et al. *J Clin Pathol [Suppl]* 7:127-34, 1974 (58 ref.)

OCCURRENCE

Ectopic hormone production by non-endocrine tumours. Rees LH, et al. *Clin Endocrinol (Oxf)* 3:263-99, Jul 74 (94 ref.)

PATHOLOGY

Cell hybridisation in the genesis of ectopic hormone-secreting tumours. Warner TF. *Lancet* 1:1259-60, 22 Jun 74
Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al. *Pathol Annu* 8:205-30, 1973 (62 ref.)

THERAPY

Ectopic hormone production by non-endocrine tumours. Rees LH, et al. *Clin Endocrinol (Oxf)* 3:263-99, Jul 74 (94 ref.)
[Adrenal gland surgery in 1973. 3. Primary hyperaldosteronism, Conn's syndrome] Coquillaud JP, et al. *J Chir (Paris)* 106:609-31, Dec 73 (Eng. Abstr.) (Fre)

NERVE GROWTH FACTOR

Axonal regeneration of peripheral adrenergic neurons: effects of antiserum to nerve growth factor in mouse. Bjerre B, et al. *Cell Tissue Res* 148:441-76, 8 May 74
Unmasking of nerve growth factor membrane-specific binding sites in synchronized murine C 1300 neuroblastoma cells. Revoltella R, et al. *Exp Cell Res* 85:89-94, 30 Mar 74
Interaction of nerve growth factor with the mouse-brain neurotubule protein(s). Callasano P, et al. *Proc Natl Acad Sci USA* 71:2131-5, May 74

ANALYSIS

Synthesis of nerve growth factor by L and 3T3 cells in culture. Oger J, et al. *Proc Natl Acad Sci USA* 71:1554-8, Apr 74

BIOSYNTHESIS

Synthesis of nerve growth factor by L and 3T3 cells in culture. Oger J, et al. *Proc Natl Acad Sci USA* 71:1554-8, Apr 74

METABOLISM

Specific binding sites for 125I-nerve growth factor in peripheral tissues and brain. Frazier WA, et al. *Biochem Biophys Res Commun* 57:1096-103, 23 Apr 74
Sympathetic ganglia in organ culture. Silberstein SD. *Neurosci Res* 5:1-34, 1973 (88 ref.)

PHARMACODYNAMICS

The effect of nerve growth factor (NGF) upon axoplasmic transport in sympathetic neurons of the mouse. Almon RR, et al. *Brain Res* 74:255-67, 12 Jul 74
Histochemistry study of chromaffin cells in dissociated cell cultures of chick embryo sympathetic ganglia. Jacobowitz DM, et al. *J Neurobiol* 5:65-83, 1974
Biosynthetic activities of dorsal root ganglia in vitro and the influence of nerve growth factor. Burnham PA, et al. *Neurobiology* 4:57-70, 1974
Mechanism of action of nerve growth factor and cyclic AMP on neurite outgrowth in embryonic chick sensory ganglia: demonstration of independent pathways of stimulation. Frazier WA, et al. *Proc Natl Acad Sci USA* 70:2448-52, Aug 73
Synthesis of nerve growth factor by L and 3T3 cells in culture. Oger J, et al. *Proc Natl Acad Sci USA* 71:1554-8, Apr 74

PHYSIOLOGY

Somatomedin. Hall K, et al. *Curr Top Exp Endocrinol* 2:155-78, 1974

PROSTAGLANDINS

Regulation of prostaglandin metabolism: inhibition of 15-hydroxyprostaglandin dehydrogenase by thyroid hormones. Hsin-Hsiung-Tai, et al. *Biochem Biophys Res Commun* 57:457-62, 25 Mar 74
Stimulation by angiotensin of myocardial prostaglandin synthesis. Limas CJ. *Biochim Biophys Acta* 337:417-20, 28 Mar 74
Asthma. Panel discussion. Question and answer session. *Clin Pediatr (Phila)* 13:432-5, May 74
Sodium acetylsalicylate effectiveness against fever induced by leukocytic pyrogen and prostaglandin E1 in the cat. Schoener EP, et al. *Experientia* 30:383-4, 15 Apr 74
Potential pathways for bone resorption in human periodontal disease. Hausmann E. *J Periodontol* 45:338-43, May 74
Prostaglandins: overview in obstetrics and gynecology. Singh EJ, et al. *J Reprod Med* 12:211-4, May 74 (62 ref.)
Prostaglandin synthetase activity in the renal medulla of normal and hypertensive rats. Grodzinska L, et al. *Pol J Pharmacol Pharm* 26:229-35, Jan-Apr 74
Prostaglandins and cancer: an update. Jaffe BM. *Prostaglandins* 6:453-61, 25 Jun 74 (34 ref.)
PGF2alpha 15-methyl ether methyl ester. Youngdale GA, et al. *Prostaglandins* 6:207-9, 10 May 74
Prostaglandins and experimental cerebral vasospasm. Morgan H, et al. *Surg Forum* 23:447-8, 1972
[Termination of pregnancy in adolescent girls] Farkas M, et al. *Fortschr Med* 92:654-8, 23 May 74 (Eng. Abstr.) (Ger)

ADMINISTRATION & DOSAGE

Luteolytic effects of prostaglandins in rat pregnancy, and reversal by luteinizing hormone. Fuchs AR, et al. *Acta Endocrinol (Kbh)* 76:563-96, Jul 74
Systemic and coronary hemodynamic effects of intracoronary administration of prostaglandins E1 and E2. Rowe GG, et al. *Am Heart J* 88:51-60, Jul 74
Coagulation studies during second-trimester abortions induced by PGF2alpha. Phillips LL, et al. *Am J Obstet Gynecol* 119:577-82, 1 Jul 74
Effect of prostaglandin F2alpha on corpora lutea in guinea pigs and Mongolian gerbils. Chalchareon DP, et al. *Am J Vet Res* 35:685-7, May 74
Efficacy and safety of prostaglandin f-2-alpha as an abortifacient. Kajanoja P, et al. *Ann Chir Gynaecol Fenn* 63:28-34, 1974
The intra-amniotic administration of prostaglandin

- f-2-alpha with intravenous oxytocin for the induction of midtrimester abortion. Laitinen S, et al. *Ann Chir Gynaecol Fenn* 63:35-8, 1974
- Circulatory actions of prostaglandin F2alpha in the rat. Csépl J, et al. *Bibl Anat* 12:449-52, 1973
- Local actions of prostaglandins on the microvasculature of the hamster cheek pouch. Harrison RG, et al. *Bibl Anat* 12:458-8, 1973
- Regulation of adenylyl cyclase from isolated pancreatic islets by prostaglandins and guanosine 5'-triphosphate. Johnson DG, et al. *Biochemistry* 13:1920-4, 23 Apr 74
- Letter: Adverse reactions to intra-amniotic urea and prostaglandin. Craft I, et al. *Br Med J* 2:446, 25 May 74
- Letter: Cervical injury and prostaglandins. Craft I, et al. *Br Med J* 2:271-2, 4 May 74
- Letter: Adverse reactions to intra-amniotic prostaglandin. *Br Med J* 2:382-3, 18 May 74
- Effects of different prostaglandins on glucose kinetics in the rat. Sacca L, et al. *Diabetes* 23:532-5, Jun 74
- Inhibition of glucagon-mediated increases in hepatic cyclic adenosine 3', 5'-monophosphate by prostaglandin E1 and E2. DeRubertis FR, et al. *Endocrinology* 95:93-101, Jul 74
- Prostaglandins A1 and A2 decrease testosterone levels in mice and rats. Saksena SK, et al. *Endocrinology* 95:311-4, Jul 74
- Antagonism of arachidonic acid-induced ocular effects by delta1-tetrahydrocannabinol. Green K, et al. *Invest Ophthalmol* 13:422-9, Jun 74
- Induction of parturition in swine with prostaglandin F2alpha. Diehl JR, et al. *J Anim Sci* 38:1229-34, Jun 74
- Stimulation and desensitization of macrophage adenylyl cyclase by prostaglandins and catecholamines. Remold-O'Donnell E. *J Biol Chem* 249:361-21, 10 Jun 74
- Effects of intravenous administration of slow-reacting substance of anaphylaxis, histamine, bradykinin, and prostaglandin F2alpha on pulmonary mechanics in the guinea pig. Drazen JM, et al. *J Clin Invest* 53:1679-85, Jun 74
- Modification of intestinal stimulatory effects of 5-hydroxytryptamine by adrenergic amines, prostaglandin E1 and theophylline. Grubb MN, et al. *J Pharmacol Exp Ther* 189:476-83, May 74
- Effects of oestradiol and prostaglandin F2alpha on the timing of parturition in the rat. Dukes M, et al. *J Reprod Fertil* 38:325-34, Jun 74
- Prostaglandins: overview in obstetrics and gynecology. Singh EJ, et al. *J Reprod Med* 12:211-4, May 74 (62 ref.)
- Renal effects of prostaglandin A1 in patients with essential hypertension. Lee SJ, et al. *Kidney Int* 1:254-62, Apr 72
- Letter: Prostaglandins and pre-eclampsia. Calder AA, et al. *Lancet* 2:49, 6 Jul 74
- Effect of 15(R)15 methylprostaglandin E2 methyl ester on healing of gastric ulcers. Controlled endoscopic study. Fung WP, et al. *Lancet* 2:10-2, 6 Jul 74
- Letter: Prostaglandins and induction of labour. Jacob RG, et al. *Lancet* 1:1226-7, 15 Jun 74
- Labour induced by prostaglandin F2 using the Cardiff infusion apparatus. Johnson A, et al. *Lancet* 1:1253-4, 22 Jun 74
- Letter: Confirmation of antenatally detected fetal abnormality. Levine MD. *Lancet* 1:995, 18 May 74
- Letter: Effect of prostaglandin E2 therapy on the cerebral cortex. Plaetsen L van der, et al. *Lancet* 1:1226, 15 Jun 74
- Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylyl cyclase and cyclic adenosine 3',5' monophosphate by hypothalamic extract. Zor U, et al. *Metabolism* 23:549-59, Jun 74
- Plasma hormone profiles following high-dose intraamniotic prostaglandin F2alpha. Craft I, et al. *Obstet Gynecol* 44:135-41, Jul 74
- Effects of prostaglandin F2alpha on human corpora lutea. An enzyme histochemical, ultrastructural, and hormonal study. Okamura H, et al. *Obstet Gynecol* 44:127-34, Jul 74
- The role of prostaglandin in fertility regulation. Bygdeman M, et al. *Pol J Pharmacol Pharm* 26:205-6, Jan-Apr 74
- Microelectrophysiological analysis of the cardiac effect of prostaglandin E2. Kecskeméti V, et al. *Pol J Pharmacol Pharm* 26:171-6, Jan-Apr 74
- The effect of PGE1, PGE2 and cellulose A on the isolated organs of *Helix pomatia* L. Kovács A, et al. *Pol J Pharmacol Pharm* 26:243-7, Jan-Apr 74
- Influence of prostaglandin E1 on cyclic 3',5'-AMP levels

- and glycosaminoglycan secretion of fibroblasts cultured in vitro. Peters HD, et al. *Pol J Pharmacol Pharm* 26:41-9, Jan-Apr 74
- Effects of prostaglandins on the aggressive behavior in rodents. Rewerski W, et al. *Pol J Pharmacol Pharm* 26:269-73, Jan-Apr 74
- Hyperthermic effect of intraventricular injections of arachidonic acid and prostaglandin E2 in the rat. Splawinski JA, et al. *Pol J Pharmacol Pharm* 26:101-7, Jan-Apr 74
- The study of guinea-pig gallbladder reactivity after PGE1 stimulation. Stasiewicz J, et al. *Pol J Pharmacol Pharm* 26:249-52, Jan-Apr 74
- Influence of prostaglandins E1 and F2a on pulmonary vascular resistance in the sheep. Kadowitz PJ, et al. *Proc Soc Exp Biol Med* 145:1258-61, Apr 74
- The effect of prostaglandin E2 on the rhesus monkey pupil. Casey WJ. *Prostaglandins* 6:243-51, 10 May 74
- Prostaglandin E1 effects on ethanol metabolism in the rat. Lalyre Y, et al. *Prostaglandins* 6:489-94, 25 Jun 74
- Cyclic AMP, prostaglandins, and the control of cell proliferation. MacManus JP, et al. *Prostaglandins* 6:475-87, 25 Jun 74 (17 ref.)
- Effects of sequential treatment with estradiol and PGF2alpha on the length of the primate menstrual cycle. Shaikh AA, et al. *Prostaglandins* 6:253-62, 10 May 74
- Intrauterine administration of prostaglandin by the extra-amniotic route. Wikqvist N, et al. *Prostaglandins* 6:193-205, 10 May 74
- The termination of first trimester pregnancy by extraovular "prostaglandin-impact". Zoltan I, et al. *Prostaglandins* 6:211-6, 10 May 74
- Effects of prostaglandins A1, E1, E2 and F2alpha on the basilar artery of cats. Handa J, et al. *Surg Neurol* 2:251-5, Jul 74
- Control of the estrous cycle with prostaglandins. Downey BR. *Vet Med Small Anim Clin* 69:880 passim, Jul 74 (49 ref.)
- [Induced abortion after the 12th week of pregnancy employing prostaglandin F2alpha administered extra-amnially] Gregersen E, et al. *Ugeskr Laeger* 136:1292-5, 10 Jun 74 (Eng. Abstr.) (Dan)

ADVERSE EFFECTS

- Efficacy and safety of prostaglandin f-2-alpha as an abortifacient. Kajanoja P, et al. *Ann Chir Gynaecol Fenn* 63:28-34, 1974
- The intra-amniotic administration of prostaglandin f-2-alpha with intravenous oxytocin for the induction of midtrimester abortion. Laitinen S, et al. *Ann Chir Gynaecol Fenn* 63:35-8, 1974
- Letter: Adverse reactions to intra-amniotic urea and prostaglandin. Craft I, et al. *Br Med J* 2:446, 25 May 74
- Letter: Cervical injury and prostaglandins. Craft I, et al. *Br Med J* 2:271-2, 4 May 74
- Letter: Adverse reactions to intra-amniotic prostaglandin. *Br Med J* 2:382-3, 18 May 74
- Letter: Prostaglandins and pre-eclampsia. Calder AA, et al. *Lancet* 2:49, 6 Jul 74
- Letter: Prostaglandin F2alpha and electroencephalogram changes. Fraser IS, et al. *Lancet* 2:49-50, 6 Jul 74
- The role of prostaglandin in fertility regulation. Bygdeman M, et al. *Pol J Pharmacol Pharm* 26:205-6, Jan-Apr 74
- Intrauterine administration of prostaglandin by the extra-amniotic route. Wikqvist N, et al. *Prostaglandins* 6:193-205, 10 May 74
- The termination of first trimester pregnancy by extraovular "prostaglandin-impact". Zoltan I, et al. *Prostaglandins* 6:211-6, 10 May 74
- Control of the estrous cycle with prostaglandins. Downey BR. *Vet Med Small Anim Clin* 69:880 passim, Jul 74 (49 ref.)
- [Abortion induced by extra-amniotic instillation of prostaglandin F2 alpha] Lange AP, et al. *Ugeskr Laeger* 136:1147-50, 20 May 74 (Eng. Abstr.) (Dan)

ANALYSIS

- Circadian variation of prostaglandin E(PGE) production in human gastric juice. Tonnesen MG, et al. *Am J Dig Dis* 19:644-8, Jul 74
- Proceedings: Mating increases the prostaglandin-like

- content of male and female reproductive tracts in mice. Marley PB, et al.
J Endocrinol 61:xxxiv-xxxv, Apr 74
- Prostaglandins: overview in obstetrics and gynecology. Singh EJ, et al. *J Reprod Med* 12:211-4, May 74 (62 ref.)
- Proceedings: Fundamental studies on the superfusion technique for bioassay of prostaglandins. Harada Y, et al. *Jap J Pharmacol* 24:Suppl:31, 1974
- Prostaglandins of rat testis. Carpenter MP. *Lipids* 9:397-406, Jun 74
- Prostaglandins in reproduction. Moghissi KS. *Obstet Gynecol Annu* 1:297-337, 1972 (151 ref.)
- Prostaglandins and inflammation. Bekemeier H, et al. *Pol J Pharmacol Pharm* 26:5-23, Jan-Apr 74
- The distribution of prostaglandins in inflammatory exudates. Giroud JP, et al.
Pol J Pharmacol Pharm 26:39, Jan-Apr 74
- Prostaglandin E in peptic ulcer disease. Hinsdale JG, et al. *Prostaglandins* 6:495-500, 25 Jun 74
- The distribution of prostaglandins A, E, and F in the human kidney. Spector D, et al.
Prostaglandins 6:263-70, 10 May 74
- Control of the estrous cycle with prostaglandins. Downey BR.
Vet Med Small Anim Clin 69:880 passim, Jul 74 (49 ref.)

ANTAGONISTS & INHIBITORS

- Differentiation of the contractile effects of prostaglandin E₂ and the C-terminal octapeptide of cholecystokinin in isolated guinea-pig gallbladder. Andersson KE, et al.
Acta Physiol Scand 90:657-63, Apr 74
- Effects of O-(beta-hydroxyethyl)-rutosides (HR) and indomethacin on transcapillary macromolecular transport and prostaglandins following scalding injury. Arturson G, et al. *Bibl Anat* 12:465-70, 1973
- Drugs which inhibit prostaglandin biosynthesis. Flower RJ. *Pharmacol Rev* 26:33-67, Mar 74
- Effects of prostaglandin synthesis inhibitors on angiotensin tachyphylaxis in the isolated coeliac and mesenteric arteries of the rabbit. Aiken JW. *Pol J Pharmacol Pharm* 26:217-27, Jan-Apr 74
- Inflammation and "writting syndrome" inducing effects of PGE₁ PGE₂ and the inhibition of these actions. Gyires C, et al.
Pol J Pharmacol Pharm 26:73, Jan-Apr 74
- The blockade of the local generation of prostaglandins explains the analgesic action of aspirin. Moncada S, et al. *Pol J Pharmacol Pharm* 26:77, Jan-Apr 74
- Release and metabolism of prostaglandins in lung tissue. Piper PJ.
Pol J Pharmacol Pharm 26:61-72, Jan-Apr 74
- Comparison of the PGE₁ and catecholamines influence on the active transport of sodium. Szadujkiewicz-Szadurski L, et al.
Pol J Pharmacol Pharm 26:117-8, Jan-Apr 74
- Kinetic evidence for the presence of two prostaglandin receptor sites regulating the activity of intestinal adenylate cyclase sensitive to *Escherichia coli* enterotoxin. Kantor HS, et al.
Proc Natl Acad Sci USA 71:1317-21, Apr 74

BIOSYNTHESIS

- Circadian variation of prostaglandin E(PGE) production in human gastric juice. Tonnesen MG, et al. *Am J Dig Dis* 19:644-8, Jul 74
- Letter: Sickle cell disease and the kidney: a hypothesis. Salyer DC, et al. *Arch Intern Med* 134:181, Jul 74
- Effects of O-(beta-hydroxyethyl)-rutosides (HR) and indomethacin on transcapillary macromolecular transport and prostaglandins following scalding injury. Arturson G, et al. *Bibl Anat* 12:465-70, 1973
- Characterization of prostaglandin synthetase in guinea pig lung. Isolation of a new prostaglandin derivative from arachidonic acid. Parkes DG, et al.
Biochemistry 13:2598-604, 4 Jun 74
- Stimulation by angiotensin of myocardial prostaglandin synthesis. Limas CJ.
Biochim Biophys Acta 337:417-20, 28 Mar 74
- Effect of a renal prostaglandin on distribution of blood flow in the isolated canine kidney. Itakovitz HD, et al. *Circ Res* 34:770-6, Jun 74
- Increased juxtamedullary blood flow on stimulation of intrarenal prostaglandin biosynthesis. Larsson C, et al. *Eur J Pharmacol* 25:326-34, Mar 74
- Proceedings: Effects on prostaglandin biosynthesis of

- drugs affecting gastrointestinal function. Butt AA, et al. *Gut* 15:344, Apr 74
- Prostaglandin E (PGE) control of cell proliferation in vitro: characteristics of HT-29. Thomas DR, et al. *J Surg Res* 16:463-5, May 74
- Indomethacin-responsive hypercalcemia in a patient with renal-cell adenocarcinoma. Brereton HD, et al. *N Engl J Med* 291:83-5, 11 Jun 74
- Letter: Tumor-induced osteolysis. Powles TJ, et al. *N Engl J Med* 291:105, 11 Jun 74
- Production of prostaglandins by the early pregnant guinea-pig uterus. Walker FM, et al.
N Engl J Med 291:265-71, 11 Jun 74
- The IUD and prostaglandins: a review of the evidence. Thompson IE.
Obstet Gynecol 42:617-20, Oct 73 (43 ref.)
- Prostaglandins in reproduction. Moghissi KS. *Obstet Gynecol Annu* 1:297-337, 1972 (151 ref.)
- Drugs which inhibit prostaglandin biosynthesis. Flower RJ. *Pharmacol Rev* 26:33-67, Mar 74
- Effects of prostaglandin synthesis inhibitors on angiotensin tachyphylaxis in the isolated coeliac and mesenteric arteries of the rabbit. Aiken JW. *Pol J Pharmacol Pharm* 26:217-27, Jan-Apr 74
- The influence of indomethacin on the prostaglandin synthetase system in rat tissues in vivo. Dembińska-Kieć A, et al.
Pol J Pharmacol Pharm 26:79-82, Jan-Apr 74
- Effects of inhibition of prostaglandin biosynthesis on noradrenaline release from isolated perfused spleen of the cat. Hozowska A, et al.
Pol J Pharmacol Pharm 26:137-42, Jan-Apr 74
- The blockade of the local generation of prostaglandins explains the analgesic action of aspirin. Moncada S, et al. *Pol J Pharmacol Pharm* 26:77, Jan-Apr 74
- The significance of prostaglandin production by the uterus. Poyser NL.
Pol J Pharmacol Pharm 26:189-203, Jan-Apr 74
- Prostaglandin production by experimental tumours and its inhibition by non-steroidal-anti-inflammatory drugs. Sykes JA, et al.
Pol J Pharmacol Pharm 26:83-91, Jan-Apr 74
- Prostaglandin production by the pregnant rat uterus in vitro and its relevance to parturition. Williams KI, et al. *Pol J Pharmacol Pharm* 26:207-15, Jan-Apr 74
- Cyclic AMP regulation of prostaglandin biosynthesis in fat cells. Dalton C, et al.
Prostaglandins 6:227-242, 10 May 74
- Prostaglandins and cancer: an update. Jaffe RM. *Prostaglandins* 6:453-61, 25 Jun 74 (34 ref.)
- [Prostaglandins and the digestive tract] Matuchansky C, et al.
Biol Gastroenterol (Paris) 6:251-68, 1973 (186 ref.) (Eng. Abstr.) (Fre)
- [Symposium: So-called "non-respiratory pulmonary function"] Yamamura Y, et al.
Jap J Thorac Dis 12:6-9, Jan 74 (Jap)
- [Prostaglandins and their role in physiology of reproduction (author's transl)] Marchlewski-Koj A. *Przegl Lek* 31:382-7, 1974 (45 ref.) (Pol)

BLOOD

- Reduction of prostaglandin E₂ to prostaglandin F₂alpha by an enzyme in sheep blood. Hensby CN. *Biochim Biophys Acta* 348:145-54, 26 Apr 74
- Blood prostaglandin activity associated with noradrenaline-provoked flush in the carcinoid syndrome. Smith AG, et al.
Br J Dermatol 90:547-51, May 74
- Proceedings: Uterine venous prostaglandin F and oestrogen levels during ovine parturition: acute effects of cervical stimulation. Flint AP, et al. *J Endocrinol* 61:xxxv-xxxvi, Apr 74
- Prostaglandins in rat tissues. Papanicolaou N, et al. *J Pharm Pharmacol* 26:270-2, Apr 74
- Metabolism of prostaglandin A. I. The kidney cortex as a major site of PGA₂ degradation. Attallah AA, et al. *Life Sci* 14:1521-34, 16 Apr 74
- Indomethacin-responsive hypercalcemia in a patient with renal-cell adenocarcinoma. Brereton HD, et al. *N Engl J Med* 291:83-5, 11 Jun 74
- Prostaglandins and the regulation of uterine blood flow in pregnancy. Terragno NA, et al.
Nature 249:57-8, 3 May 74
- Prostaglandin E in peptic ulcer disease. Hinsdale JG, et al. *Prostaglandins* 6:495-500, 25 Jun 74
- Effects of sequential treatment with estradiol and PGF₂alpha on the length of the primate menstrual

- cycle. Shaikh AA, et al.
Prostaglandins 6:253-62, 10 May 74
 Control of the estrous cycle with prostaglandins.
 Downey BR.
Vet Med Small Anim Clin 69:880 passimassim, Jul 74
 (49 ref.)
 [Recent findings on the biochemistry of acute
 inflammation. Comprehensive review] Trnavský K.
Fysiatr Reumatol Vestn 52:81-7, Apr 74 (Eng. Abstr.)
 (Cze)

CHEMICAL SYNTHESIS

- Prostaglandins V: (plus or minus) 10**
 beta-hydroxyprostaglandins. Doria G, et al.
Farmaco [Sci] 29:327-30, Apr 74
 PGF₂alpha 15-methyl ether methyl ester. Youngdale
 GA, et al. **Prostaglandins** 6:207-9, 10 May 74
 Control of the estrous cycle with prostaglandins.
 Downey BR.
Vet Med Small Anim Clin 69:880 passimassim, Jul 74
 (49 ref.)

CLASSIFICATION

- The significance of prostaglandin production by the
 uterus. Poyser NL.
Pol J Pharmacol Pharm 26:189-203, Jan-Apr 74
 [Prostaglandins and their role in physiology of
 reproduction (author's transl)] Marchlewski-Koj A.
Przegl Lek 31:382-7, 1974 (45 ref.) (Pol)

ISOLATION & PURIFICATION

- Characterization of prostaglandin synthetase in guinea
 pig lung. Isolation of a new prostaglandin derivative
 from arachidonic acid. Parkes DG, et al.
Biochemistry 13:2598-604, 4 Jun 74
 Prostaglandins in rat tissues. Papanicolaou N, et al.
J Pharm Pharmacol 26:270-2, Apr 74
 Separation of prostaglandin A₂ and prostaglandin B₂ by
 ion-exchange liquid chromatography. Morozowich W.
J Pharm Sci 63:800-2, May 74
 The significance of prostaglandin production by the
 uterus. Poyser NL.
Pol J Pharmacol Pharm 26:189-203, Jan-Apr 74
 Prostaglandin production by the pregnant rat uterus in
 vitro and its relevance to parturition. Williams KI, et
 al. *Pol J Pharmacol Pharm* 26:207-15, Jan-Apr 74
 PGF₂alpha 15-methyl ether methyl ester. Youngdale
 GA, et al. **Prostaglandins** 6:207-9, 10 May 74
 [Prostaglandins and the digestive tract] Matuchansky
 C, et al.
Biol Gastroenterol (Paris) 6:251-68, 1973 (186 ref.)
 (Eng. Abstr.) (Fre)
 [Prostaglandins: biological action and therapeutic
 prospects] Mancinella A, et al.
Clin Ter 68:569-78, 31 Mar 74 (60 ref.) (Ita)
 [Total prostaglandins in the ovum cells of the sea
 urchin, *Strongylocentrotus intermedius*, in the period
 of early embryogenesis] Lomova MA, et al.
Akush Ginekoi (Mosk) 49:71-3, Nov 73 (Rus)

METABOLISM

- Regulation of prostaglandin metabolism: inhibition of
 15-hydroxyprostaglandin dehydrogenase by thyroid
 hormones. Hsin-Hsiung-Tai, et al.
Biochem Biophys Res Commun 57:457-62, 25 Mar 74
 The influence of testosterone on the endogenous levels
 of prostaglandin F in the accessory reproductive
 glands of the adult male rat. Sutherland DJ, et al.
Can J Physiol Pharmacol 52:364-7, Apr 74
 Release of prostaglandins and other humoral mediators
 during hypoxic breathing and pulmonary edema. Sald
 SI, et al. *Chest* 66:Suppl:12S-13S, Jul 74
 Prostaglandin receptors in the human, monkey and
 hamster uterus. Wakeling AE, et al.
Endocrinology 95:55-64, Jul 74
 Prostaglandins during development. II. Identification
 of prostaglandin 9-hydroxy dehydrogenase activity in
 adult rat kidney homogenates. Pace-Asciak C, et al.
Experientia 30:590-2, 15 Jun 74
 Properties of gonadotropin receptors in the cell
 membranes of bovine corpus luteum. Rao CV.
J Biol Chem 249:2864-72, 10 May 74
 Proceedings: Pharmacological study of prostaglandin.
 3. Effect of estrogen on prostaglandin metabolism in
 rat uterus. Aizawa Y, et al.
Jap J Pharmacol 24:Suppl:128, 1974

- Metabolism of prostaglandin A. I. The kidney cortex as
 a major site of PGA₂ degradation. Attallah AA, et al.
Life Sci 14:1521-34, 16 Apr 74
 Prostaglandins and inflammation. Bekemeier H, et al.
Pol J Pharmacol Pharm 26:5-23, Jan-Apr 74
 Prostaglandins, leucocytes and non-steroidal
 anti-inflammatory drugs. Di Rosa M.
Pol J Pharmacol Pharm 26:25-36, Jan-Apr 74
 The influence on prostaglandin synthetase system by
 1-aryl-4-carboxy-2-pyrrolidones in relation to their
 pharmacological activity. Hano J, et al.
Pol J Pharmacol Pharm 26:75-6, Jan-Apr 74
 Release and metabolism of prostaglandins in lung
 tissue. Piper PJ.
Pol J Pharmacol Pharm 26:61-72, Jan-Apr 74
 Kinetic evidence for the presence of two prostaglandin
 receptor sites regulating the activity of intestinal
 adenylate cyclase sensitive to *Escherichia coli*
 enterotoxin. Kantor HS, et al.
Proc Natl Acad Sci USA 71:1317-21, Apr 74
 The effect of salicylic acid on plasma PGA binding and
 metabolism in the rat. Attallah AA, et al.
Prostaglandins 6:547-8, 25 Jun 74
 Active transport of prostaglandins. Bito LZ.
Prostaglandins 6:545, 25 Jun 74
 Cyclic AMP regulation of prostaglandin biosynthesis in
 fat cells. Dalton C, et al.
Prostaglandins 6:227-242, 10 May 74
 Specific PGE₁ and PGE₂ binding sites in platelet
 membranes. Gorman RR.
Prostaglandins 6:542, 25 Jun 74
 Prostaglandin E in peptic ulcer disease. Hinsdale JG, et
 al. **Prostaglandins** 6:495-500, 25 Jun 74
 Effects of indomethacin on Moloney sarcoma
 virus-induced tumors. Humes JL, et al.
Prostaglandins 6:463-73, 25 Jun 74
 Prostaglandins and cancer: an update. Jaffe BM.
Prostaglandins 6:453-61, 25 Jun 74 (34 ref.)
 Reversible physical and chemical manipulation of the
 prostaglandin receptor. Johnson M, et al.
Prostaglandins 6:543-4, 25 Jun 74
 Uterine prostaglandin binding proteins. Kimble FA.
Prostaglandins 6:541, 25 Jun 74
 Prostaglandin receptors in the bovine corpus luteum
 cell membranes. Rao CV.
Prostaglandins 6:533-6, 25 Jun 74
 The binding of prostaglandins to rat liver plasma
 membranes and its use in the assay of urinary
 prostaglandins. Smigel M, et al.
Prostaglandins 6:537-9, 25 Jun 74
 [Prostaglandins and the digestive tract] Matuchansky
 C, et al.
Biol Gastroenterol (Paris) 6:251-68, 1973 (186 ref.)
 (Eng. Abstr.) (Fre)
 [Role of prostaglandins in the skin] Ziboh VA, et al.
Hautarzt 24:519-22, Dec 73 (38 ref.) (Ger)
 [Prostaglandins: biological action and therapeutic
 prospects] Mancinella A, et al.
Clin Ter 68:569-78, 31 Mar 74 (60 ref.) (Ita)
 [Total prostaglandins in the ovum cells of the sea
 urchin, *Strongylocentrotus intermedius*, in the period
 of early embryogenesis] Lomova MA, et al.
Akush Ginekoi (Mosk) 49:71-3, Nov 73 (Rus)

PHARMACODYNAMICS

- Luteolytic effects of prostaglandins in rat pregnancy,
 and reversal by luteinizing hormone. Fuchs AR, et al.
Acta Endocrinol (Kbh) 76:583-96, Jul 74
 Differentiation of the contractile effects of
 prostaglandin E₂ and the C-terminal octapeptide of
 cholecystokinin in isolated guinea-pig gallbladder.
 Andersson KE, et al.
Acta Physiol Scand 90:657-63, Apr 74
 Effects of substance P on the response of guinea pig vas
 deferens to transmural nerve stimulation. Euler US
 von, et al. *Acta Physiol Scand* 90:651-3, Mar 74
 On the mechanism of the enhancement by smooth
 muscle stimulants of the motor responses of the
 guinea-pig vas deferens to nerve stimulation.
 Sjöstrand NO, et al.
Acta Physiol Scand 90:513-21, Mar 74
 Cyclic AMP and platelet aggregation. Hugues J.
Acta Univ Carol [Med Monogr] (Praha) 53:179-84,
 1972
 Biosynthetic activities in normal and pathological
 platelet populations. Vainer H, et al.
Acta Univ Carol [Med Monogr] (Praha) 53:105-12,
 1972

- Platelets, thrombosis and coronary artery disease. Genton E, et al. *Adv Cardiol* 9:29-39, 1973 (25 ref.)
- Effect of prostaglandin E2 on aqueous humor flow in the rabbit eye. Takáts S, et al.
- Albrecht von Graefes Arch Klin Ophthalmol 190:221-7, 17 May 74
- Systemic and coronary hemodynamic effects of intracoronary administration of prostaglandins E1 and E2. Rowe GG, et al. *Am Heart J* 88:51-60, Jul 74
- Coagulation studies during second-trimester abortions induced by PGF2alpha. Phillips LL, et al.
- Am J Obstet Gynecol* 119:577-82, 1 Jul 74
- Effect of PGE1, indomethacin, and polyphloretin phosphate on toad bladder response to ADH. Albert WC, et al. *Am J Physiol* 226:1382-6, Jun 74
- Beta-adrenergic effects on rat myometrium: role of cyclic AMP. Kroeger EA, et al.
- Am J Physiol* 226:1298-303, Jun 74
- Effect of prostaglandin F2alpha on corpora lutea in guinea pigs and Mongolian gerbils. Chaichareon DP, et al. *Am J Vet Res* 35:685-7, May 74
- Efficacy and safety of prostaglandin f-2-alpha as an abortifacient. Kajanoja P, et al.
- Ann Chir Gynaecol Fenn* 63:28-34, 1974
- Letter: Sickle cell disease and the kidney: a hypothesis. Salyer DC, et al. *Arch Intern Med* 134:181, Jul 74
- In vivo measurement of the adhesiveness of granulocytes to blood vessel walls. Atherton A, et al. *Bibl Anat* 12:138-45, 1973
- Circulatory actions of prostaglandin F2alpha in the rat. Csépl J, et al. *Bibl Anat* 12:449-52, 1973
- Local actions of prostaglandins on the microvasculature of the hamster cheek pouch. Harrison RG, et al. *Bibl Anat* 12:458-8, 1973
- The measurement of intravascular aggregation by continuous platelet counting. Smith GM, et al. *Bibl Anat* 12:229-34, 1973
- A model for quantitating in vivo platelet aggregation. Solis RT, et al. *Bibl Anat* 12:223-8, 1973
- Regulation by various hormones and agents of adenosine-3',5'-monophosphate levels in islets of Langerhans of rats. Kuo WN, et al.
- Biochem Pharmacol* 23:1387-91, 1 May 74
- Regulation of adenylyl cyclase from isolated pancreatic islets by prostaglandins and guanosine 5'-triphosphate. Johnson DG, et al.
- Biochemistry* 13:1920-4, 23 Apr 74
- Cyclic nucleotide levels in incubations of guinea pig trachea. Murad F, et al.
- Biochim Biophys Acta* 343:275-86, 22 Apr 74
- Epinephrine blockade of ribonuclease activity stimulation in lymphoid organs by cortisone and prostaglandin E1. Maor D, et al.
- Biomedicine [Express]* 19:374-8, 20 Sep 73
- Mechanisms of delayed red cell destruction after thermal injury. An experimental in vitro sem study. Baar S. *Br J Exp Pathol* 55:187-93, Apr 74
- Measurement of rate of extravasation of plasma protein in inflammatory responses in guinea-pig skin using a continuous recording method. Williams TJ, et al. *Br J Exp Pathol* 55:1-12, Feb 74
- Effect of ADP-induced shape change on incorporation of 32P into platelet phosphatidic acid and mono-, di- and triphosphatidyl inositol. Lloyd JV, et al. *Br J Haematol* 25:77-99, Jul 73
- The action of norepinephrine in the rat hippocampus. II. Activation of the input pathway. Segal M, et al. *Brain Res* 72:99-114, 31 May 74
- The action of norepinephrine in the rat hippocampus. I. Ionophoretic studies. Segal M, et al. *Brain Res* 72:79-97, 31 May 74
- The effect of prostaglandin E1 on lipid metabolism and hormone secretion in sheep. Carruthers TC, et al. *Can J Physiol Pharmacol* 52:319-22, Apr 74
- Symposium on allergic lung disease. IV. Immunologic mechanisms for release of chemical mediators of anaphylaxis from human lung tissue. Kaliner M. *Can Med Assoc J* 110:431 passim, 16 Feb 74 (27 ref.)
- Effect of a renal prostaglandin on distribution of blood flow in the isolated canine kidney. Itskovitz HD, et al. *Circ Res* 34:770-6, Jun 74
- Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Oakley RE, et al. *Clin Endocrinol (Oxf)* 3:131-48, Apr 74
- Effects of different prostaglandins on glucose kinetics in the rat. Sacca L, et al. *Diabetes* 23:532-5, Jun 74
- In vitro effects of synthetic somatotropin-release inhibiting factor on cyclic AMP level and GH release in rat anterior pituitary gland. Kaneko T, et al. *Endocrinol Jap* 20:535-8, Oct 73
- Inhibition of glucagon-mediated increases in hepatic cyclic adenosine 3', 5'-monophosphate by prostaglandin E1 and E2. DeRubertis FR, et al. *Endocrinology* 95:93-101, Jul 74
- Prostaglandins A1 and A2 decrease testosterone levels in mice and rats. Saksena SK, et al. *Endocrinology* 95:311-4, Jul 74
- Hormonal responsiveness of adenylate cyclase activity from separate bone cells. Smith DM, et al. *Endocrinology* 95:130-9, Jul 74
- Prostaglandin induction of mitochondrial respiration and adaptive changes of enzymes in the perfused rat liver. Wilmhurst JM, et al.
- Eur J Biochem* 42:33-43, 15 Feb 74
- Further observations on the interaction of prostaglandin F2 alpha with cholinergic mechanisms in canine salivary glands. Hahn RA, et al.
- Eur J Pharmacol* 25:279-86, Mar 74
- Effects of dibutyryl cyclic AMP and prostaglandin E1 on cultured human glioma cells. Edström A, et al. *Exp Cell Res* 85:217-23, 30 Mar 74
- Proceedings: Light regulation of adenosine 3',5' cyclic monophosphate levels in vertebrate photoreceptors. Mikli N, et al. *Exp Eye Res* 18:281-97, Mar 74
- Effect of PGE2 on the turnover of calcium in rat uterus. Villani F, et al. *Experientia* 30:532-4, 15 May 74
- Induction of oviposition in the domestic hen by prostaglandins. Hertelendy F, et al.
- Gen Comp Endocrinol* 22:529-31, Apr 74
- The effect of catecholamines and fasting on cyclic-AMP and release of glycerol from human adipose tissue. Gilbert CH, et al. *Horm Metab Res* 6:229-33, May 74
- Antagonism of arachidonic acid-induced ocular effects by delta1-tetrahydrocannabinol. Green K, et al. *Invest Ophthalmol* 13:422-9, Jun 74
- Induction of parturition in swine with prostaglandin F2alpha. Diehl JR, et al. *J Anim Sci* 38:1229-34, Jun 74
- Reversal of the perfusion defect in experimental canine lobar pneumococcal pneumonia. Goldzimer EL, et al. *J Appl Physiol* 37:85-91, Jul 74
- Stimulation and desensitization of macrophage adenylate cyclase by prostaglandins and catecholamines. Remold-O'Donnell E. *J Biol Chem* 249:361-21, 10 Jun 74
- The enhancement of macrophage adenylate cyclase by products of activated lymphocytes. Remold-O'Donnell E, et al. *J Biol Chem* 249:3622-7, 10 Jun 74
- Effects of intravenous administration of slow-reacting substance of anaphylaxis, histamine, bradykinin, and prostaglandin F2alpha on pulmonary mechanics in the guinea pig. Drazen JM, et al. *J Clin Invest* 53:1679-85, Jun 74
- The effects of epinephrine and prostaglandin E-1 on cyclic adenosine 3',5'-monophosphate levels in WI-38 fibroblasts. Kelly LA, et al. *J Clin Invest* 53:3098-102, Jun 74
- Proceedings: Effects of prostaglandin E1 and an endogenous inhibitor of vasopressin action on the cyclic AMP system in toad bladders. Beasley GT, et al. *J Endocrinol* 61:33-4, Apr 74
- Role of cyclic adenosine 3',5'-monophosphate in lymphocyte mitogenesis. DeRubertis FR, et al. *J Immunol* 113:151-61, Jul 74
- Alteration of rabbit PCA reaction by drugs known to influence intracellular cyclic AMP. Kravis TC, et al. *J Immunol* 113:244-50, Jul 74
- Neuropharmacological study of prostaglandin (PG)F2a. Singh KP, et al. *J Indian Med Assoc* 61:423-7, 16 Nov 73
- Interaction of prostaglandins E1 and E2 in regulation of cyclic-AMP and aggregation in human platelets: evidence for a common prostaglandin receptor. McDonald JW, et al. *J Lab Clin Med* 84:111-21, Jul 74
- Prostaglandins in rat tissues. Papanicolaou N, et al. *J Pharm Pharmacol* 26:270-2, Apr 74
- Modification of intestinal stimulatory effects of 5-hydroxytryptamine by adrenergic amines, prostaglandin E1 and theophylline. Grubb MN, et al. *J Pharmacol Exp Ther* 189:476-83, May 74
- Proceedings: Prostaglandins and intestinal function. Eggenton J, et al. *J Physiol (Lond)* 238:79passim-80p, Apr 74
- Proceedings: Effect of prostaglandins on water transport across the isolated toad bladder. Frith DA, et al. *J Physiol (Lond)* 238:43P-44P, Apr 74
- Effects of oestradiol and prostaglandin F2alpha on the timing of parturition in the rat. Dukes M, et al. *J Reprod Fertil* 38:325-34, Jun 74
- Prostaglandins: overview in obstetrics and gynecology. Singh EJ, et al. *J Reprod Med* 12:211-4, May 74 (62 ref.)

- Prostaglandin E (PGE) control of cell proliferation in vitro: characteristics of HT-29. Thomas DR, et al. *J Surg Res* 16:463-5, May 74
- Response of plasma aldosterone to postural change, diuretics, angiotensin II, sodium restriction or loading and prostaglandin. Ito T, et al. *Jap Heart J* 14:518-30, Nov 73
- Proceedings: Pharmacology of reproduction. II. Evaluation of prostaglandins on ovarian prostagens by the intact and hypophysectomized rats. Hirai M, et al. *Jap J Pharmacol* 24:Suppl:127, 1974
- Proceedings: Effects of prostaglandins E1 on coronary circulation. Ishihara T, et al. *Jap J Pharmacol* 24:Suppl:66, 1974
- Proceedings: Effect of prostaglandins on the sphincter of Oddi and the duodenal muscle of rabbits. Sakaki H, et al. *Jap J Pharmacol* 24:Suppl:30, 1974
- Proceedings: Effects of prostaglandin E on the inhibitory responses of taenia coli produced by electrical stimulation. Shimo Y, et al. *Jap J Pharmacol* 24:Suppl:32, 1974
- Proceedings: The mechanism of action of prostaglandins on contraction of the uterus. Teraki Y, et al. *Jap J Pharmacol* 24:Suppl:30, 1974
- Editorial: Site and control of phosphate reabsorption by the kidney. Knox FG, et al. *Kidney Int* 3:347-53, Jun 73
- Renal effects of prostaglandin A1 in patients with essential hypertension. Lee SJ, et al. *Kidney Int* 1:254-62, Apr 72
- Letter: Prostaglandins and pre-eclampsia. Calder AA, et al. *Lancet* 2:49, 6 Jul 74
- Letter: Prostaglandin F2alpha and electroencephalogram changes. Fraser IS, et al. *Lancet* 2:49-50, 6 Jul 74
- Effect of 15(R)15 methylprostaglandin E2 methyl ester on healing of gastric ulcers. Controlled endoscopic study. Fung WP, et al. *Lancet* 2:10-2, 6 Jul 74
- Letter: Prostaglandins and induction of labour. Jacob RG, et al. *Lancet* 1:1226-7, 15 Jun 74
- Labour induced by prostaglandin F2 using the Cardiff infusion apparatus. Johnson A, et al. *Lancet* 1:1253-4, 22 Jun 74
- Letter: Effect of prostaglandin E2 therapy on the cerebral cortex. Plaetsen L van der, et al. *Lancet* 1:1226, 15 Jun 74
- Lipolytic activities of intact Walker 256 ascites tumor cells. Cenedella RJ, et al. *Lipids* 9:338-45, May 74
- The effect of prostaglandin F2alpha on ovarian blood flow and corpora lutea regression in the rabbit. Bruce NW, et al. *Nature* 249:176-7, 10 May 74
- Dissociation of catecholamine-induced formation of adenosine 3',5'-monophosphate and release of glycerol in fat cells by prostaglandin E1, E2 and N6-phenylisopropyladenosine. Stock K, et al. *Naunyn Schmiedeberg Arch Pharmacol* 282:15-31, 1974
- Plasma hormone profiles following high-dose intraamniotic prostaglandin F2alpha. Craft I, et al. *Obstet Gynecol* 44:135-41, Jul 74
- Effects of prostaglandin F2alpha on human corpora lutea. An enzyme histochemical, ultrastructural, and hormonal study. Okamura H, et al. *Obstet Gynecol* 44:127-34, Jul 74
- Prostaglandins in reproduction. Moghissi KS. *Obstet Gynecol Annu* 1:297-337, 1972 (151 ref.)
- Comparison of the effects of the prostaglandins A1, E2, and F2alpha on kidney function in dogs. Fülgraff G, et al. *Pfluegers Arch* 349:9-17, 24 May 74
- Relationship between prostaglandin E1, polyphloretin phosphate and alpha and beta adrenoceptor-bound feeding loci in the hypothalamus of sheep. Balle CA, et al. *Pharmacol Biochem Behav* 1:539-45, Sep-Oct 73
- Comparison of the effect of prostaglandin E1 and norepinephrine injected into the brain on ingestive behavior in the rat. Whishaw IQ, et al. *Pharmacol Biochem Behav* 2:421-5, May 74
- Effect of prostaglandin-E2 on gastric secretion and on gastric circulation of totally isolated ex vivo canine stomach. Kowalewski K, et al. *Pharmacology* 11:85-94, 1974
- The role of prostaglandin in fertility regulation. Bygdeman M, et al. *Pol J Pharmacol Pharm* 26:205-6, Jan-Apr 74
- The effect of prostaglandin E1 on exocrine pancreatic secretion (in vivo and in vitro). Gabryelewicz A, et al. *Pol J Pharmacol Pharm* 26:263-7, Jan-Apr 74
- Inflammation and "writing syndrome" inducing effects of PGE1 PGE2 and the inhibition of these actions. Gyires C, et al. *Pol J Pharmacol Pharm* 26:73, Jan-Apr 74
- The influence on prostaglandin synthetase system by 1-aryl-4-carboxy-2-pyrrolidones in relation to their pharmacological activity. Hano J, et al. *Pol J Pharmacol Pharm* 26:75-6, Jan-Apr 74
- Restriction of transmitter release from adrenergic nerves mediated by prostaglandins and alpha-adrenoreceptors. Hedqvist P. *Pol J Pharmacol Pharm* 26:119-25, Jan-Apr 74
- Effect of indomethacin on vascular responses to vasoactive agents in working skeletal muscles in the dog. Janczewska H, et al. *Pol J Pharmacol Pharm* 26:159-66, Jan-Apr 74
- The influence of prostaglandin A2 (PGA2) on distribution of sodium in the organs of the rat. Kaliciński A, et al. *Pol J Pharmacol Pharm* 26:257-62, Jan-Apr 74
- Microelectrophysiological analysis of the cardiac effect of prostaglandin E2. Kecskeméti V, et al. *Pol J Pharmacol Pharm* 26:171-6, Jan-Apr 74
- Possible role of prostaglandins in cardiac electrogenesis. Kelemen K, et al. *Pol J Pharmacol Pharm* 26:177-86, Jan-Apr 74
- The effect of PGE1, PGE2 and cellulose A on the isolated organs of Helix pomatia L. Kovács A, et al. *Pol J Pharmacol Pharm* 26:243-7, Jan-Apr 74
- The role of prostaglandins in several allergic and inflammatory processes. Kürtil M, et al. *Pol J Pharmacol Pharm* 26:109-15, Jan-Apr 74
- Direct effects of the prostaglandins E1 and E2alpha on the activity of pancreatic triglyceride lipase. Mentz P, et al. *Pol J Pharmacol Pharm* 26:237-41, Jan-Apr 74
- Influence of prostaglandin E1 on cyclic 3',5'-AMP levels and glycosaminoglycan secretion of fibroblasts cultured in vitro. Peters HD, et al. *Pol J Pharmacol Pharm* 26:41-9, Jan-Apr 74
- Effects of prostaglandins on the aggressive behavior in rodents. Rewerski W, et al. *Pol J Pharmacol Pharm* 26:269-73, Jan-Apr 74
- Influence of antiproliferative drugs on prostaglandin E1 stimulated cyclic 3',5'-AMP levels and glycosaminoglycan synthesis in fibroblast tissue cultures. Schönhöfer PS, et al. *Pol J Pharmacol Pharm* 26:51-60, Jan-Apr 74
- Interactions between isoproterenol and prostaglandin E2 in the dog heart in situ. Schrör K, et al. *Pol J Pharmacol Pharm* 26:143-9, Jan-Apr 74
- Hyperthermic effect of intraventricular injections of arachidonic acid and prostaglandin E2 in the rat. Splawinski JA, et al. *Pol J Pharmacol Pharm* 26:101-7, Jan-Apr 74
- The study of guinea-pig gallbladder reactivity after PGE1 stimulation. Stasiewicz J, et al. *Pol J Pharmacol Pharm* 26:249-52, Jan-Apr 74
- The effects of prostaglandin A2(PGA2) on the guinea-pig isolated ileum. Strączkowski W, et al. *Pol J Pharmacol Pharm* 26:253-5, Jan-Apr 74
- Comparison of the PGE1 and catecholamines influence on the active transport of sodium. Szadujkiewicz-Szadurski L, et al. *Pol J Pharmacol Pharm* 26:117-8, Jan-Apr 74
- The effect of humoral agents on the cranial circulation of the monkey. Spira PJ, et al. *Proc Aust Assoc Neurol* 10:97-103, 1973
- Kinetic evidence for the presence of two prostaglandin receptor sites regulating the activity of intestinal adenylate cyclase sensitive to Escherichia coli enterotoxin. Kantor HS, et al. *Proc Natl Acad Sci USA* 71:1317-21, Apr 74
- Influence of prostaglandins E1 and F2a on pulmonary vascular resistance in the sheep. Kadowitz PJ, et al. *Proc Soc Exp Biol Med* 145:1258-61, Apr 74
- Active transport of prostaglandins. Bito LZ. *Prostaglandins* 6:545, 25 Jun 74
- The effect of prostaglandin E2 on the rhesus monkey pupil. Casey WJ. *Prostaglandins* 6:243-51, 10 May 74
- Specific PGE1 and PGE2 binding sites in platelet membranes. Gorman RR. *Prostaglandins* 6:542, 25 Jun 74
- Studies on growth hormone secretion. VI. Effects of dibutyryl cyclic AMP, prostaglandin E1, and indomethacin on growth and hormone secretion by rat pituitary tumor cells in culture. Hertelendy F, et al. *Prostaglandins* 6:217-25, 10 May 74
- Prostaglandins and cancer: an update. Jaffe BM. *Prostaglandins* 6:453-61, 25 Jun 74 (34 ref.)
- Prostaglandin E1 effects on ethanol metabolism in the rat. Lalyre Y, et al. *Prostaglandins* 6:489-94, 25 Jun 74
- Effect of prostaglandin E1 on hepatic cyclic AMP

APPENDIX

PROSTAGLANDINS

activity, carbohydrate and lipid metabolism. Levine RA. *Prostaglandins* 6:509-21, 25 Jun 74

Cyclic AMP, prostaglandins, and the control of cell proliferation. MacManus JP, et al.
Prostaglandins 6:475-87, 25 Jun 74 (17 ref.)

Prostaglandin receptors in the bovine corpus luteum cell membranes. Rao CV.
Prostaglandins 6:533-6, 25 Jun 74

In vivo insulin secretion: prostaglandin and adrenergic interrelationships. Robertson R.
Prostaglandins 6:501-8, 25 Jun 74

Effects of sequential treatment with estradiol and PGF₂alpha on the length of the primate menstrual cycle. Shaikh AA, et al.
Prostaglandins 6:253-62, 10 May 74

PGF₂alpha 15-methyl ether methyl ester. Youngdale GA, et al. *Prostaglandins* 6:207-9, 10 May 74

Effects of prostaglandins A₁, E₁, E₂ and F₂alpha on the basilar artery of cats. Handa J, et al.
Surg Neurol 2:251-5, Jul 74

Methods for the separation of platelets from plasma. A comparison of functional and morphological integrity. Hutton RA, et al.
Thromb Diath Haemorrh 31:119-32, 15 Mar 74

Mechanical recording of reptilase-clot retraction equals effect of adenosine-5'-diphosphate and prostaglandin E. De Gaetano G, et al.
Thromb Res 4:189-92, Jan 74

On the mechanism of T-cell mediated cytotoxicity. Henney CS. *Transplant Rev* 17:37-70, 1973 (99 ref.)

Control of the estrous cycle with prostaglandins. Downey BR.
Vet Med Small Anim Clin 69:880 passim, Jul 74 (49 ref.)

[Prostaglandins and the digestive tract] Matuchansky C, et al.
Biol Gastroenterol (Paris) 6:251-68, 1973 (186 ref.) (Eng. Abstr.) (Fre)

[Prostaglandins: biological action and therapeutic prospects] Mancinella A, et al.
Clin Ter 68:569-78, 31 Mar 74 (60 ref.) (Ita)

[Use of prostaglandin F-2 alpha in labor induction in fetal death] Soska S, et al.
Ginek Pol 45:465-71, Apr 74 (Eng. Abstr.) (Pol)

[Effect of F-1 alpha, F-2 alpha and E-1 prostaglandins on the activity of monoamine oxidase in the placenta and brain tissues in female rats] Waroński W, et al.
Ginek Pol 45:399-402, Apr 74 (Eng. Abstr.) (Pol)

[Prostaglandins and their role in physiology of reproduction (author's transl)] Marchlewska-Koj A. *Przegl Lek* 31:382-7, 1974 (45 ref.) (Pol)

[Mechanism of stimulating action of prostaglandin F₂alpha on the contractile activity of the uterus] Kudrin AN, et al.
Akush Ginek (Mosk) 49:1-7, Nov 73 (Eng. Abstr.) (Rus)

[Role of salt regime in the development of arterial hypertension] Postnov IuV.
Kardiologiya 12:5-12, Jul 72 (Eng. Abstr.) (Rus)

PHYSIOLOGY

Effect of PGE₁, indomethacin, and polyphloretin phosphate on toad bladder response to ADH. Albert WC, et al. *Am J Physiol* 226:1382-6, Jun 74

Aspirin: the unique drug. Friend DG.
Arch Surg 108:765-9, Jun 74 (27 ref.)

Effects of O-(beta-hydroxyethyl)-rutosides (HR) and indomethacin on transcapillary macromolecular transport and prostaglandins following scalding injury. Arturson G, et al. *Bibl Anat* 12:465-70, 1973

The demonstration that PGF₂alpha is the uterine luteolysin in the ewe. Goding JR.
J Reprod Fertil 38:261-71, Jun 74 (54 ref.)

A molecular theory to explain the mechanisms of allergic histamine release. Bach MK.
J Theor Biol 45:131-51, May 74

Production of prostaglandins by the early pregnant guinea-pig uterus. Walker FM, et al.
N Engl J Med 291:265-71, 11 Jun 74

Prostaglandins and the regulation of uterine blood flow in pregnancy. Terragno NA, et al.
Nature 249:57-8, 3 May 74

The IUD and prostaglandins: a review of the evidence. Thompson IE.
Obstet Gynecol 42:617-20, Oct 73 (43 ref.)

Prostaglandins in reproduction. Moghissi KS.
Obstet Gynecol Annu 1:297-337, 1972 (151 ref.)

The role of prostaglandins in several allergic and

inflammatory process. Kürti M, et al.
Pol J Pharmacol Pharm 26:109-15, Jan-Apr 74

The significance of prostaglandin production by the uterus. Poyser NL.
Pol J Pharmacol Pharm 26:189-203, Jan-Apr 74

[Prostaglandins and the digestive tract] Matuchansky C, et al.
Biol Gastroenterol (Paris) 6:251-68, 1973 (186 ref.) (Eng. Abstr.) (Fre)

[Role of prostaglandins in the skin] Ziboh VA, et al.
Hautarzt 24:519-22, Dec 73 (38 ref.) (Ger)

[Prostaglandins and their role in physiology of reproduction (author's transl)] Marchlewska-Koj A. *Przegl Lek* 31:382-7, 1974 (45 ref.) (Pol)

SECRETION

Hypoxia causes prostaglandin release from perfused rabbit hearts. Wennmalm A, et al.
Acta Physiol Scand 91:133-5, May 74

Hypertension and the kidney. Tobian L Jr.
Arch Intern Med 133:959-67, Jun 74 (36 ref.)

Proceedings: Preliminary studies on the secretion of prostaglandin F from the autotransplanted uterus of the ewe after exogenous progesterone and oestradiol. Scaramuzzi RJ, et al. *J Endocrinol* 61:xxxv, Apr 74

Proceedings: The release of prostaglandins from the passively distended wall of guinea pig intestine. Yagasaki O, et al. *Jap J Pharmacol* 24:Suppl:31, 1974

The IUD and prostaglandins: a review of the evidence. Thompson IE.
Obstet Gynecol 42:617-20, Oct 73 (43 ref.)

The release of prostaglandin-like substances during reactive and functional hyperemia in the hind leg of the dog. Herbaczyńska-Cedro K, et al.
Pol J Pharmacol Pharm 26:167-70, Jan-Apr 74

Effects of inhibition of prostaglandin biosynthesis on noradrenaline release from isolated perfused spleen of the cat. Hozzowska A, et al.
Pol J Pharmacol Pharm 26:137-42, Jan-Apr 74

Release and metabolism of prostaglandins in lung tissue. Piper PJ.
Pol J Pharmacol Pharm 26:61-72, Jan-Apr 74

THERAPEUTIC USE

Efficacy and safety of prostaglandin f-2-alpha as an abortifacient. Kajanoja P, et al.
Ann Chir Gynaecol Fenn 63:28-34, 1974

The intra-amniotic administration of prostaglandin f-2-alpha with intravenous oxytocin for the induction of midtrimester abortion. Laitinen S, et al.
Ann Chir Gynaecol Fenn 63:35-8, 1974

Hypertension and the kidney. Tobian L Jr.
Arch Intern Med 133:959-67, Jun 74 (36 ref.)

Drugs used in respiratory therapy. Sladen A.
Clin Anesth 10:315-41, 1974 (94 ref.)

Prostaglandin E₂ prevents impairment of fertility in rats fed a diet deficient in essential fatty acids. Hafiez AA. *J Reprod Fertil* 38:273-86, Jun 74

Effect of 15(R)15 methylprostaglandin E₂ methyl ester on healing of gastric ulcers. Controlled endoscopic study. Fung WP, et al. *Lancet* 2:10-2, 6 Jul 74

Letter: Effect of prostaglandin E₂ therapy on the cerebral cortex. Plaetsen L van der, et al.
Lancet 1:1226, 15 Jun 74

Plasma hormone profiles following high-dose intraamniotic prostaglandin F₂alpha. Craft I, et al.
Obstet Gynecol 44:135-41, Jul 74

The role of prostaglandin in fertility regulation. Bygdeman M, et al.
Pol J Pharmacol Pharm 26:205-6, Jan-Apr 74

Effects of prostaglandins on experimental arrhythmias. Mead HJ, et al.
Pol J Pharmacol Pharm 26:151-8, Jan-Apr 74

Intrauterine administration of prostaglandin by the extra-amniotic route. Wikqvist N, et al.
Prostaglandins 6:193-205, 10 May 74

The termination of first trimester pregnancy by extraovular "prostaglandin-impact". Zoltan I, et al.
Prostaglandins 6:211-6, 10 May 74

[Induced abortion after the 12th week of pregnancy employing prostaglandin F₂alpha administered extra-amniotically] Gregersen E, et al.
Ugeskr Laeger 136:1292-5, 10 Jun 74 (Eng. Abstr.) (Dan)

[Abortion induced by extra-amniotic instillation of prostaglandin F₂ alpha] Lange AP, et al.
Ugeskr Laeger 136:1147-50, 20 May 74 (Eng. Abstr.) (Dan)

- [Letter: Complications of legal, induced abortion 1971-72] Larsen JF, et al.
 Ugeskr Laeger 136:940-1, 22 Apr 74 (Dan)
 [Prostaglandins-oxytocics] Béguin F.
 Rev Prat 24:673-6 passim, 11 Feb 74 (Eng. Abstr.) (Fre)
 [Prostaglandins: biological action and therapeutic prospects] Mancinella A, et al.
 Clin Ter 68:569-78, 31 Mar 74 (60 ref.) (Ita)
 [Induction of labor with prostaglandin F-2 alpha (PGF-2 alpha)] Moe N.
 Tidsskr Nor Laegeforen 94:1132-4, 20 Jun 74 (Nor)

URINE

- Increased juxtamedullary blood flow on stimulation of intrarenal prostaglandin biosynthesis. Larsson C, et al. Eur J Pharmacol 25:326-34, Mar 74
 Metabolism of prostaglandin A. I. The kidney cortex as a major site of PGA2 degradation. Attallah AA, et al. Life Sci 14:1521-34, 16 Apr 74
 The binding of prostaglandins to rat liver plasma membranes and its use in the assay of urinary prostaglandins. Smigel M, et al.
 Prostaglandins 6:537-9, 25 Jun 74

RECEPTORS, HORMONE

- Cellular and subcellular localization of 3H-oestradiol in the oviduct and uterus of the neonatal rat. Sheridan PJ, et al. Acta Endocrinol (Kbh) 76:570-5, Jul 74
 Sequential gene expression in response to estradiol-17 beta during post-natal development of rat uterus. Kaye AM, et al. Adv Exp Med Biol 44:383-402, Jun 74
 Effects of oestradiol on different cell types. King RJ, et al. Adv Exp Med Biol 44:367-81, Jun 74
 The molecular biology of the steroid hormones. Tomkins GM. Adv Exp Med Biol 44:357-65, Jun 74
 Glucocorticoid tight binding in rat liver and thymus particles. Ambellan E.
 Biochem Biophys Res Commun 57:520-5, 25 Mar 74
 Stimulation by thyrotropin of horse thyroid plasma membranes adenylate cyclase: evidence of cooperativity. Boeynaems JM, et al.
 Biochem Biophys Res Commun 58:446-53, 20 May 74
 The subunit-structure of the uterine "oestradiol-receptor". Erdos T, et al.
 Biochem Biophys Res Commun 58:932-9, 18 Jun 74
 (3H)norepinephrine binding: unrelated to catechol-O-methyl transferase. Lefkowitz RJ.
 Biochem Biophys Res Commun 58:1110-8, 18 Jun 74
 Insulin and non-suppressible insulin-like activity (NSILA-s): evidence for separate plasma membrane receptor sites. Megyesi K, et al.
 Biochem Biophys Res Commun 57:307-15, 15 Mar 74
 Binding of receptor-hydrocortisone complexes to isolated nuclei from embryonic neural retina cells. Sarkar PK, et al.
 Biochem Biophys Res Commun 57:980-6, 23 Apr 74
 In vitro tritiodothyronine binding to non-histone proteins from rat liver nuclei. Thomopoulos P, et al.
 Biochem Biophys Res Commun 58:499-506, 20 May 74
 Characterization of the interaction between 17 beta-estradiol and its cytoplasmic receptor in the rat anterior pituitary gland. Korach KS, et al.
 Biochemistry 13:1932-8, 23 Apr 74
 Hormone-receptor interactions. Adrenocorticotrophic hormone binding site increase in isolated fat cells by phenoxazones. Lang U, et al.
 Biochemistry 13:2626-33, 4 Jun 74
 Insulin receptors in murine mammary cells: comparison in pregnant and nonpregnant animals. O'Keefe E, et al.
 Biochim Biophys Acta 343:64-77, 20 Mar 74
 Antiestrogens in treatment of breast cancer. Br Med J 2:500, 1 Jun 74
 Cytoplasmic glucocorticoid-binding proteins in glucocorticoid-unresponsive human and mouse leukemic cell lines. Lippman ME, et al.
 Cancer Res 34:1572-6, Jul 74
 Chromatin-associated receptors for estrogen, progesterone, and dihydrotestosterone and the induction of egg white protein synthesis in chick magnum. Palmiter RD, et al. Cell Differ 2:163-70, Jul 73
 Luteinizing hormone and human chorionic gonadotropin: structure and activity. Jutisz M, et al. Curr Top Exp Endocrinol 2:195-246, 1974
 Receptor-binding assay of chemically modified insulins. Comparison with in vitro and in vivo

- bioassays. Freychet P, et al.
 Diabetologia 10:1-5, Feb 74
 Nuclear receptor estradiol complex: a requirement for uterotrophic responses. Anderson JN, et al.
 Endocrinology 95:174-8, Jul 74
 Mineralocorticoid receptors in salt-susceptible and salt-resistant rats. Funder JW, et al.
 Endocrinology 94:1739-43, Jun 74
 Thyrotropin-binding properties of isolated thyroid cells and their purified plasma membranes. Relation of thyrotropin-specific binding to adenylate-cyclase activation. Verrier B, et al.
 Eur J Biochem 42:355-65, 1 Mar 74
 Studies on a specific glucocorticoid-hormone receptor in the developing chick retina. Wiggert BO, et al.
 Exp Eye Res 18:477-84, May 74
 A comparison of the properties of FSH from several species as determined by a rat testis tubule receptor assay. Reichert LE Jr, et al.
 Gen Comp Endocrinol 23:111-7, May 74
 Studies on hormone-cytostatic complexes in the cytoplasm of rat prostatic gland. Holtsaeter PA. Invest Urol 12:33-7, Jul 74
 Synthesis and morphogenetic activity of derivatives and analogs of arylgeranyl ether juvenoids. Hammock BD, et al. J Agric Food Chem 22:379-85, May-Jun 74
 Properties of gonadotropin receptors in the cell membranes of bovine corpus luteum. Rao CV.
 J Biol Chem 249:2864-72, 10 May 74
 Oxytocin receptors in human uterus. Soloff MS, et al. J Clin Endocrinol Metab 38:1052-6, Jun 74
 Hormones and neoplasia. Forrest AP.
 J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)
 Proceedings: Cytoplasmic steroid hormone 'receptors' in reproductive organs. Green B.
 J Endocrinol 61:2-3, Apr 74
 The thyrotropin receptor in guinea-pig thyroid homogenate: general properties. Manley SW, et al. J Endocrinol 61:419-36, Jun 74
 The thyrotropin receptor in guinea-pig thyroid homogenate: interaction with the long-acting thyroid stimulator. Manley SW, et al.
 J Endocrinol 61:437-45, Jun 74
 Genetic study of the effects of (8-arginine)- and (8-lysine)-vasopressins on adenyl cyclase activity of mouse kidney. Stewart AD.
 J Endocrinol 61:447-54, Jun 74
 Proceedings: Hormones and other factors controlling growth in the mammary gland: a review. Ceriani RL. J Invest Dermatol 63:93-108, Jul 74 (215 ref.)
 Editorial: Problems in receptor identification: catecholamines. Cuatrecasas P.
 N Engl J Med 291:206, 25 Jul 74
 Binding of luteinizing hormone and human chorionic gonadotropin to ovarian cells and activation of adenylate cyclase. Koch Y, et al.
 N Engl J Med 291:179-91, 11 Jun 74
 Proceedings: Characterization of adrenocortical cell receptors for adrenocorticotrophin. McIlhinney RA, et al. N Engl J Med 291:58-9, 11 Jun 74
 Proceedings: Thyroid-stimulating hormone binding to human thyroid membranes and solubilized receptors. Nussey SS, et al. N Engl J Med 291:1vii, 11 Jun 74
 Proceedings: Investigation of steroid-receptor interaction in pregnant sheep myometrium. Rossier G, et al. N Engl J Med 291:1ixix, 11 Jun 74
 Solubilisation of angiotensin II receptors in rabbit aortae membranes. Devynck MA, et al.
 Nature 249:87-9, 3 May 74
 Regulation of melanocyte stimulating hormone action at the receptor level: discontinuous binding of hormone to synchronized mouse melanoma cells during the cell cycle. Varga JM, et al.
 Proc Natl Acad Sci USA 71:1590-3, May 74
 Endogenously blocked high affinity estradiol receptors in the immature and mature rat uterus. Daehnfeldt JL. Proc Soc Exp Biol Med 146:159-62, May 74
 125I-glucagon binding and adenylate cyclase activation in the fetal rat heart. Levey GS, et al.
 Proc Soc Exp Biol Med 146:425-31, Jun 74
 Estrogen receptors in bone. An evaluation of the uptake of estrogen into bone cells. Nutik G, et al.
 Proc Soc Exp Biol Med 146:265-8, May 74
 Effect of hypophysectomy and pretreatment on uptake and retention of estradiol by the ovary. Saiduddin S, et al. Proc Soc Exp Biol Med 146:513-7, Jun 74
 Input to releasing factor cells. Cramer OM, et al. Prog Brain Res 39:73-85, 1973
 Glucocorticoid binding sites in rat brain: subcellular

APPENDIX

and anatomical localizations. McEwen BS.
Prog Brain Res 39:87-97, 1973
 Androgen receptors in rat testis. Hansson V, et al.
Steroids 23:823-32, Jun 74
 Affinities of progesterone and estrogen receptors in
 rabbit uterus for synthetic progestogens. Terenius L.
Steroids 23:909-19, Jun 74
 [Gastrointestinal hormones and regulation of the
 processes of digestion, absorption, and utilization of
 nutrients] Skala I, et al.
Vopr Pitani 33:28-37, May-Jun 74 (Rus)

DRUG EFFECTS

Incorporation of 131-I-labeled androgen-receptor into
 nuclei of rat prostates. Nozu K, et al.
Biochem Biophys Res Commun 58:145-50, 7 May 74
 Acidophilic activation of steroid hormone receptors.
 Milgrom E, et al. *Biochemistry* 12:5198-205, 4 Dec 73
 The role of estradiol in the equilibrium binding of
 estrogen receptor to rabbit uterine chromatin.
 Chatkoff ML, et al.
Biochim Biophys Acta 343:480-91, 24 May 74
 Inhibitors of glucagon inactivation. Effect on
 glucagon-receptor interactions and
 glucagon-stimulated adenylate cyclase activity in
 liver cell membranes. Desbuquois B, et al.
Biochim Biophys Acta 343:101-20, 20 Mar 74
 Disulphide groups of gonadotropin receptors are
 essential for specific binding of human chorionic
 gonadotropin. Dufau ML, et al.
Biochim Biophys Acta 343:417-22, 22 Apr 74
 Testosterone-estradiol-binding globulin of human
 plasma: denaturation and protection. Rosner W, et al.
Biochim Biophys Acta 351:92-8, 10 May 74
 Studies on corticosterone-receptor complexes from
 mouse placenta. Wong MD, et al.
Can J Biochem 52:190-5, Mar 74
 Prostaglandin receptors in the human, monkey and
 hamster uterus. Wakeling AE, et al.
Endocrinology 95:55-64, Jul 74
 The cyclic AMP response to noradrenalin in young
 adult rat brain following post-natal injections of
 6-hydroxydopamine. Palmer GC, et al.
Experientia 30:520-1, 15 May 74
 Receptor-binding affinities and biological activities of
 analogs of thyrotropin-releasing hormone in
 prolactin-producing pituitary cells in culture. Hinkle
 PM, et al. *J Clin Invest* 53:3085-90, Jun 74
 The thyrotrophin receptor in guinea-pig thyroid
 homogenate: interaction with the long-acting thyroid
 stimulator. Manley SW, et al.
J Endocrinol 61:437-45, Jun 74
 Proceedings: An explanation of the antiandrogenic
 properties of a non-steroidal compound, SCH 13521.
 Mainwaring WI, et al. *N Engl J Med* 291:53, 11 Jun 74
 Regulation of the corticosteroid inducibility of
 tyrosine aminotransferase in interspecific hybrid
 cells. Croce CM, et al. *Nature* 249:839-41, 28 Jun 74
 Renal aldosterone receptors: studies with
 (3H)aldosterone and the anti-mineralocorticoid
 (3H)spiro lactone (SC-26304). Marver D, et al.
Proc Natl Acad Sci USA 71:1431-5, Apr 74
 Thyroid hormone action: in vitro demonstration of
 putative receptors in isolated nuclei and soluble
 nuclear extracts. Samuels HH, et al.
Science 184:1188-91, 14 Jun 74

HORMONES, ECTOPIC con't.

New thoughts about the cause and
 treatment of the severe ocular
 manifestations of Graves' dis-
 ease. McDougall IR, et al.
Scott Med J 19:165-9 Jul 74
 (36 ref.)

Multiple Hormones in a bronchial
 tumor. Rees LH, et al. *J Clin*
Endocrinol Metab 38:1090-7,
 Jan 74

Oat cell tumor of small bowel.
 Toker C. *Am J Gastroenterol*
 61:481-3, Jun 74

REVIEW SECTION

ADDISON'S DISEASE

IMMUNOLOGY

[Idiopathic Addison's disease] Demura H.
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)

ADRENAL CORTEX HORMONES

PHYSIOLOGY

Proceedings: Neuroendocrinology of lactation. Meites
J. J Invest Dermatol 63:119-24, Jul 74 (27 ref.)

THERAPEUTIC USE

[Therapy of lupus-nephritis using corticosteroids and immunosuppressive agents] Kampf D, et al.
Dtsch Med Wochenschr 99:1420-3, 28 Jun 74 (65 ref.) (Ger)

[Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hannemann HR.
Med Klin 69:513-24, 29 Mar 74 (136 ref.) (Ger)

[Present-day principles of cytostatic therapy of acute leukemia] Kovaleva LG.
Sov Med 36:111-6, Aug 73 (34 ref.) (Rus)

ADRENAL GLAND DISEASES

COMPLICATIONS

Adrenal causes of hypertension. Kaplan NN.
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)

ADRENAL GLAND NEOPLASMS

DIAGNOSIS

Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1:59, Jun 74 (161 ref.)

PATHOLOGY

Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al.
Pathol Annu 8:205-30, 1973 (62 ref.)

ADRENAL GLANDS

Riboflavin and adrenal cortex.
Nutr Rev 31:95-6, Mar 73 (6 ref.)

PHYSIOLOGY

Adrenal function and macromolecular transport across rat intestine. Nutr Rev 32:185-8, Jun 74 (12 ref.)

PHYSIOPATHOLOGY

[Glucocorticoid activity of adrenal cortex and uroporphyrinogen content after surgical intervention in complicated ulcer disease] Mordvinkina TN.
Vestn Khir 112:137-41, May 74 (98 ref.) (Rus)

ALDOSTERONE

SECRETION

Renin and aldosterone and the pathogenesis of

hypertensive vascular damage. Gavras H, et al.
Prog Cardiovasc Dis 17:39-49, Jul-Aug 74 (65 ref.)

BONE AND BONES

ANATOMY & HISTOLOGY

Reaction of bone to implanted materials. Peters WJ, et al.
Oral Sci Rev 5:56-67, 1974 (73 ref.)

METABOLISM

Bone matrix in the solid state: geometric influence on differentiation of fibroblasts. Reddi AH.
Adv Biol Med Phys 15:1-18, Jun 74 (44 ref.)
Metabolic and clinical effects of pure crystalline 1 alpha-hydroxyvitamin D3 and 1 alpha,25-dihydroxyvitamin D3. Studies of intestinal calcium transport, renal tubular function and bone metabolism. Pechet MM, et al.
Am J Med 57:13-20, Jul 74 (31 ref.)
Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. Am J Med 56:751-8, Jun 74 (30 ref.)
Calcium and phosphate metabolism and the bone. Morgan DB. Prog Surg 10:24-75, 1972 (111 ref.)

PHYSIOLOGY

Role of diet, gastrointestinal tract and bone in acid-base homeostasis. Lemann J Jr, et al.
Kidney Int 1:275-9, May 72 (26 ref.)

CALCITONIN

METABOLISM

Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. Am J Med 56:751-8, Jun 74 (30 ref.)

PHYSIOLOGY

Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I.
Curr Top Exp Endocrinol 2:179-93, 1974 (57 ref.)

CALCIUM

ANTAGONISTS & INHIBITORS

Drug-induced changes in cardiac energy. Fleckenstein A. Adv Cardiol 12:183-97, 1974 (23 ref.)

METABOLISM

Coupling calcium in mammalian myocardium: its source and control. Langer GA, et al.
Adv Cardiol 12:162-73, 1974 (21 ref.)
Cardiac glycosides and contractility. Lüllmann H, et al.
Adv Cardiol 12:174-82, 1974 (11 ref.)
A recognition of the interrelationship of calcium with various dietary components. McBean LD, et al.
Am J Clin Nutr 27:603-9, Jun 74 (47 ref.)
1,25-dihydroxyvitamin D3: a kidney-produced steroid hormone essential to calcium homeostasis. Norman AW. Am J Med 57:21-7, Jul 74 (43 ref.)
Metabolic and clinical effects of pure crystalline 1 alpha-hydroxyvitamin D3 and 1 alpha,25-dihydroxyvitamin D3. Studies of intestinal calcium transport, renal tubular function and bone

metabolism. Pechet MM, et al.
Am J Med 57:13-20, Jul 74 (31 ref.)
 Hormonal control of skeletal and mineral homeostasis.
 Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)
 Parathyroid hormone, calcitonin, and vitamin D.
 MacIntyre I.
Curr Top Exp Endocrinol 2:179-93, 1974 (57 ref.)
 Editorial: Vitamin D, the kidney and calcium
 homeostasis. Avioli LV.
Kidney Int 2:241-6, Nov 72 (62 ref.)
 Intestinal absorption of calcium and the effect of renal
 insufficiency. Coburn JW, et al.
Kidney Int 4:96-104, Aug 73 (93 ref.)
 The kidney as an endocrine organ involved in calcium
 homeostasis. DeLuca HF.
Kidney Int 4:80-8, Aug 73 (65 ref.)
 Disordered divalent ion metabolism in kidney disease:
 comments on pathogenesis and treatment. Kleeman
 CR, et al. *Kidney Int* 4:73-9, Aug 73 (53 ref.)
 Calcium and phosphate metabolism and the bone.
 Morgan DB. *Prog Surg* 10:24-75, 1972 (111 ref.)
 [Kidney and calcium metabolism. Physiology and
 pathophysiology of renal calcium excretion]
 Heldbreder E, et al.
Dtsch Med Wochenschr 99:537-41, 15 Mar 74 (40 ref.)
 (Ger)

[Calcification in bacteria] Takazoe I.
Jap J Bacteriol 28:489-97, Nov 73 (37 ref.) (Jap)

PHYSIOLOGY

Regulation of myocardial contraction. Nayler WG, et al.
Adv Cardiol 12:45-58, 1974 (23 ref.)

URINE

[Hypercalciuria--nephrocalcinosis-- and calcium calculi
 of the kidney. Differential diagnosis and clinical
 aspects of pathological renal calcium transport]
 Heldbreder E, et al.
Dtsch Med Wochenschr 99:586-590, 22 Mar 74 (29 ref.)
 (Ger)

CONTRACEPTIVES, ORAL

PHARMACODYNAMICS

Metabolic effects of oral contraceptives in monkeys fed
 on adequate and low protein diets.
Nutr Rev 32:149-52, May 74 (8 ref.)

CORPUS LUTEUM

The evolutionary history of the corpus luteum.
 Browning HC. *Biol Reprod* 8:128-57, Mar 73 (156 ref.)

PHYSIOLOGY

Luteotrophic factors in the sheep. Denamur R.
J Reprod Fertil 38:251-9, Jun 74 (65 ref.)
 The demonstration that PGF₂α is the uterine
 luteolysin in the ewe. Goding JR.
J Reprod Fertil 38:261-71, Jun 74 (54 ref.)

CORTICOTROPIN

PHARMACODYNAMICS

Antagonism between morphine and the polypeptides
 ACTH, ACTH1-24 and beta-MSH in the nervous
 system. Zimmermann E, et al.
Prog Brain Res 39:383-94, 1973 (31 ref.)

PHYSIOLOGY

Effects of morphine and related drugs on the
 corticotrophin (ACTH)-stress reaction. Munson PL.
Prog Brain Res 39:361-72, 1973 (33 ref.)

THERAPEUTIC USE

[Steroid therapy using ACTH or corticoids?
 Indications, effectiveness, and adverse effects of
 ACTH-therapy] Hannemann HR.
Med Klin 69:513-24, 29 Mar 74 (136 ref.) (Ger)

ENDOCRINE DISEASES

DIAGNOSIS

Endocrine profiles in the clinical laboratory. Bacchus
 H. *Prog Clin Pathol* 4:1-110, 1972 (217 ref.)

ENDOCRINE GLANDS

INNERVATION

Involvement of pineal indoles and polypeptides with the
 neuroendocrine axis. Reiter RJ.
Prog Brain Res 39:281-7, 1973 (42 ref.)

PHYSIOLOGY

The neuroendocrine design of the gut. The play of
 chemicals in a chemical playground. Makhlof GM.
Gastroenterology 67:159-84, Jul 74 (257 ref.)

PHYSIOPATHOLOGY

Review: The endocrine glands in infantile malnutrition.
 Godard C. *Helv Paediatr Acta* 29:5-26, Apr 74 (113 ref.)

ESTROGENS

PHARMACODYNAMICS

Hormonal control of oviduct growth and
 differentiation. O'Malley BW, et al.
Symp Soc Dev Biol 30:53-77, 1974 (32 ref.)

PHYSIOLOGY

Hormones and neoplasia. Forrest AP.
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)
 Further analysis of the CNS regulation of
 adenohipophysial LH release: facilitation of the
 ovulatory LH surge by oestrogen and progesterone.
 Barraclough CA, et al.
J Reprod Fertil [Suppl] 20:61-96, Dec 73 (40 ref.)

ESTRUS

DRUG EFFECTS

Control of the estrous cycle with prostaglandins.
 Downey BR.
Vet Med Small Anim Clin 69:380 passim, Jul 74
 (49 ref.)

FSH

PHYSIOLOGY

The gonadotrophins and their releasing factors. Greep
 RO. *J Reprod Fertil [Suppl]* 20:1-9, Dec 73 (25 ref.)

GLUCOCORTICOIDS

THERAPEUTIC USE

Clinical trial design in studies of corticosteroids for
 bacterial infections. Weltzman S, et al.
Ann Intern Med 81:36-42, Jul 74 (49 ref.)
 Use of corticosteroids in the treatment of infectious
 diseases. Krober M.
South Med J 67:728-32, Jun 74 (79 ref.)

URINE

[Glucocorticoid activity of adrenal cortex and
 uropepsinogen content after surgical intervention in
 complicated ulcer disease] Mordvinkina TN.
Vestn Khir 112:137-41, May 74 (98 ref.) (Rus)

GOITER, EXOPHTHALMIC

New thoughts about the cause and treatment of the
 severe ocular manifestations of Graves' disease.
 McDougall IR, et al.
Scott Med J 19:165-9, Jul 74 (36 ref.)

IMMUNOLOGY

The pathogenesis of Graves' disease and Hashimoto's
 thyroiditis. Volpé R, et al.
Clin Endocrinol (Oxf) 3:239-61, Jul 74 (134 ref.)

GONADOTROPINS, REVIEW SECTION

GONADOTROPINS, PITUITARY

PHYSIOLOGY

Gonadotropins and preantral follicular maturation in women. Ross GT.
Fertil Steril 25:522-43, Jun 74 (85 ref.)

SECRETION

Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al.
J Reprod Fertil [Suppl] 20:43-59, Dec 73 (32 ref.)
New findings on the central control of gonadotrophin secretion. Motta M, et al.
J Reprod Fertil [Suppl] 20:27-52, Dec 73 (35 ref.)

GONADS

GROWTH & DEVELOPMENT

[Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al.
Dtsch Tierärztl Wochenschr 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)

HORMONES

ANALYSIS

Fluorometric analysis. Weissler A.
Anal Chem 46:500R-521R, Apr 74 (999 ref.)

PHYSIOLOGY

Proceedings: Hormones and other factors controlling growth in the mammary gland: a review. Ceriani RL.
J Invest Dermatol 63:93-108, Jul 74 (215 ref.)
Proceedings: Hormonal regulation of breast development and activity. Porter JC.
J Invest Dermatol 63:85-92, Jul 74 (77 ref.)

SECRETION

[Senescence and hormones] Ibayashi H, et al.
Jap J Clin Med 32:20-9, Jan 74 (40 ref.) (Jap)

HORMONES, ECTOPIC

SECRETION

Ectopic hormone production by non-endocrine tumours. Rees LH, et al.
Clin Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)
Tumour-associated hormonal products. Landon J, et al.
J Clin Pathol [Suppl] 7:127-34, 1974 (58 ref.)

HYPERALDOSTERONISM

DIAGNOSIS

[Present trends in the diagnosis of primary hyperaldosteronism] Ripa R.
G Ital Cardiol 4:270-6, 1974 (72 ref.) (Ita)

HYPERCALCEMIA

ETIOLOGY

Hypercalcemia associated with chronic renal failure: a unifying hypothesis. David DS.
Perspect Biol Med 17:361-70, Spring 74 (71 ref.)

HYPERPARATHYROIDISM, SECONDARY

ETIOLOGY

Hyperparathyroidism and renal failure. Arnaud CD.
Kidney Int 4:89-95, Aug 73 (56 ref.)

HYPERTHYROIDISM

DRUG THERAPY

Beta-adrenergic receptor blocking drugs in

hyperthyroidism. Turner P.
Drugs 7:48-54, 1974 (39 ref.)

HYPOPARATHYROIDISM

COMPLICATIONS

[Oral manifestations of hypoparathyroidism] Raczew Z.
Czas Stomatol 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)

DRUG THERAPY

The therapeutic approach to hypoparathyroidism. Avioli LV.
Am J Med 57:34-42, Jul 74 (103 ref.)

HYPOPHYSECTOMY

[Stereotaxic surgery of the pituitary gland] Rusu M.
Rev Med Chir Soc Med Nat Iasi 77:423-32, Jul-Sep 73 (53 ref.) (Rum)

HYPOTHALAMO-HYPOPHYSEAL SYSTEM

INNERVATION

How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WW.
Prog Brain Res 39:21-39, 1973 (80 ref.)

HYPOTHALAMUS

Chemistry of hypothalamic releasing factors. Burgus R, et al.
Prog Brain Res 39:41-51, 1973 (37 ref.)

PHYSIOLOGY

Hypothalamic regulation of energy balance and feeding behavior. Panksepp J.
Fed Proc 33:1150-65, May 74 (164 ref.)
Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. Anand Kumar TC.
J Reprod Fertil [Suppl] 20:11-25, Dec 73 (44 ref.)
Towards a neurophysiological basis for ovulation. Cross BA.
J Reprod Fertil [Suppl] 20:97-117, Dec 73 (48 ref.)
Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al.
J Reprod Fertil [Suppl] 20:43-59, Dec 73 (32 ref.)
[Hypothalamic monoamine nerve fiber and sexual mechanism control] Ajika K.
Clin Endocrinol (Tokyo) 22:381-9, Mar 74 (64 ref.) (Jap)

PHYSIOPATHOLOGY

Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Upton GV, et al.
Yale J Biol Med 46:314-23, Oct 73 (43 ref.)

SECRETION

Hypothalamic regulatory hormones: a review. Besser GM, et al.
J Clin Pathol 27:173-84, Mar 74 (99 ref.)

HYPOTHYROIDISM

[Aging and diseases: anomaly of thyroid gland function] Ogata E.
Jap J Clin Med 32:124-9, Jan 74 (13 ref.) (Jap)

LACTATION

Protein-energy interrelationships in growth and lactation of cattle and sheep. Broster WH.
Proc Nutr Soc 32:115-22, Sep 73 (54 ref.)
[Current knowledge on the endocrinology of reproduction in domestic animals. 5. Endocrinology of sex development] König A, et al.
Dtsch Tierärztl Wochenschr 81:273-8, 15 Jun 74 (44 ref.) (Eng. Abstr.) (Ger)

REVIEW SECTION

PITUITARY GLAND

DRUG EFFECTS

Proceedings: Neuroendocrinology of lactation. Meltes
J. J Invest Dermatol 63:119-24, Jul 74 (27 ref.)

LH

PHYSIOLOGY

The gonadotrophins and their releasing factors. Greep
RO. J Reprod Fertil [Suppl] 20:1-9, Dec 73 (25 ref.)

SECRETION

Further analysis of the CNS regulation of
adenohypophysial LH release: facilitation of the
ovulatory LH surge by oestrogen and progesterone.
Barraclough CA, et al.
J Reprod Fertil [Suppl] 20:61-96, Dec 73 (40 ref.)

LIPOTROPIN

ISOLATION & PURIFICATION

[The lipotropins (author's transl)] Schwandt P.
Klin Wochenschr 52:153-65, 15 Feb 74 (105 ref.) (Eng.
Abstr.) (Ger)

LONG-ACTING THYROID STIMULATOR

PHYSIOLOGY

[Study of human thyroid stimulator (HTS):
comparison with LATS] Onaya T, et al.
Clin Endocrinol (Tokyo) 22:394-6, Mar 74 (10 ref.)
(Jap)

MELATONIN

BIOSYNTHESIS

The pineal gland: a neurochemical transducer. Axelrod
J. Science 184:1341-8, 28 Jun 74 (62 ref.)

MSH

PHARMACODYNAMICS

Antagonism between morphine and the polypeptides
ACTH, ACTH1-24 and beta-MSH in the nervous
system. Zimmermann E, et al.
Prog Brain Res 39:383-94, 1973 (31 ref.)

PHYSIOLOGY

Behavioral aspects of melanocyte-stimulating hormone
(MSH). Kastin AJ, et al.
Prog Brain Res 39:461-70, 1973 (38 ref.)

NEOPLASTIC ENDOCRINE-LIKE SYNDROMES

METABOLISM

Ectopic hormone production by non-endocrine
tumours. Rees LH, et al.
Clin Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)

NEUROPHYSINS

METABOLISM

The neurophysins. Breslow E.
Adv Enzymol 40:271-333, 1974 (139 ref.)

OSTEOPOROSIS

ETIOLOGY

[Aging and diseases: osteoporosis] Okamoto T, et al.
Jap J Clin Med 32:130-3, Jan 74 (16 ref.) (Jap)

OVARY

GROWTH & DEVELOPMENT

Gonadotropins and preantral follicular maturation in

women. Ross GT.
Fertil Steril 25:522-43, Jun 74 (85 ref.)

OVULATION

Morphology, histochemistry, and biochemistry of
human oogenesis and ovulation. Guraya SS.
Int Rev Cytol 37:121-51, 1974
Further analysis of the CNS regulation of
adenohypophysial LH release: facilitation of the
ovulatory LH surge by oestrogen and progesterone.
Barraclough CA, et al.
J Reprod Fertil [Suppl] 20:61-96, Dec 73 (40 ref.)
Towards a neurophysiological basis for ovulation. Cross
BA. J Reprod Fertil [Suppl] 20:97-117, Dec 73 (48 ref.)

PARATHYROID HORMONE

CHEMICAL SYNTHESIS

Recent studies on the chemistry of human, bovine and
porcine parathyroid hormones. Brewer HB Jr, et al.
Am J Med 56:759-66, Jun 74 (33 ref.)

METABOLISM

Hormonal control of skeletal and mineral homeostasis.
Rasmussen H, et al. Am J Med 56:751-8, Jun 74 (30 ref.)
Metabolism of parathyroid hormone: physiologic and
clinical significance. Segre GV, et al.
Am J Med 56:774-84, Jun 74 (30 ref.)

PHARMACODYNAMICS

Parathormone, cyclic AMP and neonatal kidneys.
Natr Rev 31:86-8, Mar 73 (7 ref.)

PHYSIOLOGY

Parathyroid hormone, calcitonin, and vitamin D.
MacIntyre I.
Curr Top Exp Endocrinol 2:179-93, 1974 (57 ref.)

PHEOCHROMOCYTOMA

DIAGNOSIS

Pheochromocytoma. Van Way CW 3d, et al.
Curr Probl Surg 1:59, Jun 74 (161 ref.)

PATHOLOGY

Ultrastructural and functional relationships of some
human endocrine tumors. Gould VE, et al.
Pathol Annu 8:205-30, 1973 (62 ref.)

PINEAL BODY

PHYSIOLOGY

Cellular and humoral pathways in the neuroendocrine
regulation of reproductive function. Anand Kumar
TC. J Reprod Fertil [Suppl] 20:11-25, Dec 73 (44 ref.)
Involvement of pineal indoles and polypeptides with the
neuroendocrine axis. Reller RJ.
Prog Brain Res 39:281-7, 1973 (42 ref.)
The pineal gland: a neurochemical transducer. Axelrod
J. Science 184:1341-8, 28 Jun 74 (62 ref.)

PITUITARY GLAND

DRUG EFFECTS

Sex hormones--effects on prolactin cells. el Etreby MF,
et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)

METABOLISM

Distribution of biogenic amines in the pituitary gland.
Jacobowitz DM.
Prog Brain Res 39:199-209, 1973 (22 ref.)

PHYSIOLOGY

Cellular and humoral pathways in the neuroendocrine
regulation of reproductive function. Anand Kumar
TC. J Reprod Fertil [Suppl] 20:11-25, Dec 73 (44 ref.)
Biogenic amines in the pituitary gland: what is their

PITUITARY GLANDS REVIEW SECTION

origin and function? Pituitary indolamines. Hyyppä M, et al. *Prog Brain Res* 39:211-5, 1973 (29 ref.)

PLACENTA

BLOOD SUPPLY

[The uteroplacental circulation (author's transl)] Moll W, et al.
Z Geburtshilfe Perinatol 178:1-18, Feb 74 (82 ref.) (Eng. Abstr.) (Ger)

PROGESTERONE

PHYSIOLOGY

Hormones and neoplasia. Forrest AP.
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)
Further analysis of the CNS regulation of adenohipophysial LH release: facilitation of the ovulatory LH surge by oestrogen and progesterone. Barraclough CA, et al.
J Reprod Fertil [Suppl] 20:61-96, Dec 73 (40 ref.)

PROLACTIN

BLOOD

[Dynamics of prolactin in human blood] Inoue K, et al.
Clin Endocrinol (Tokyo) 22:358-72, Mar 74 (42 ref.) (Jap)
[Determination of prolactin] Kato Y, et al.
Clin Endocrinol (Tokyo) 22:333-41, Mar 74 (25 ref.) (Jap)

PHYSIOLOGY

Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review. Fournier PJ, et al.
Am J Obstet Gynecol 118:337-43, 1 Feb 74 (43 ref.)
Hormones and neoplasia. Forrest AP.
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)
Proceedings: Neuroendocrinology of lactation. Meltes J. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)
[Chemical aspects and function of prolactin] Matsuzaki F.
Clin Endocrinol (Tokyo) 22:323-31, Mar 74 (30 ref.) (Jap)

SECRETION

Sex hormones--effects on prolactin cells. el Etreby MF, et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control. McCann SM, et al.
J Reprod Fertil [Suppl] 20:43-59, Dec 73 (32 ref.)
[Normal and abnormal secretion dynamics of prolactin in the fields of gynecology and obstetrics] Ebara Y, et al.
Clin Endocrinol (Tokyo) 22:352-60, Mar 74 (67 ref.) (Jap)
[Secretion dynamics of prolactin in livestock] Kamiya T.
Clin Endocrinol (Tokyo) 22:343-51, Mar 74 (60 ref.) (Jap)
[Significance of prolactin in man] Kumamoto E, et al.
Clin Endocrinol (Tokyo) 22:361-7, Mar 74 (36 ref.) (Jap)
[Relation between prolactin and breast cancer] Nagasawa H.
Clin Endocrinol (Tokyo) 22:373-9, Mar 74 (54 ref.) (Jap)

RENAL OSTEODYSTROPHY

DRUG THERAPY

Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al.
Kidney Int 4:161-7, Aug 73 (73 ref.)

METABOLISM

Collagen metabolism, uremia and bone. Avioli LV.
Kidney Int 4:105-15, Aug 73 (102 ref.)

RENIN

BLOOD

[Primary hypo- and hyperreninism] Werning C.
Internist (Berlin) 15:174-6, Mar 74 (21 ref.) (Ger)

SECRETION

Renin and aldosterone and the pathogenesis of hypertensive vascular damage. Gavras H, et al.
Prog Cardiovasc Dis 17:39-49, Jul-Aug 74 (65 ref.)

RICKETS, VITAMIN D RESISTANT

COMPLICATIONS

Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. Scriver CR.
Am J Med 57:43-9, Jul 74 (44 ref.)

SEX CHROMOSOME ABNORMALITIES

DIAGNOSIS

[Study of metaphasic chromosomes by the method of fluorescence (review of the literature)] Korenevskala MI.
Probl Gematol Pereliv Krovi 19:56-60, Mar 74 (85 ref.) (Rus)

ETIOLOGY

[Theoretical principles of disorders of sex differentiation and sexual development] László J.
Orv Hetil 114:1403-11, 17 Jun 73 (21 ref.) (Hun)

SEX CHROMOSOMES

[Study of metaphasic chromosomes by the method of fluorescence (review of the literature)] Korenevskala MI.
Probl Gematol Pereliv Krovi 19:56-60, Mar 74 (85 ref.) (Rus)

SEX DIFFERENTIATION DISORDERS

ETIOLOGY

[Theoretical principles of disorders of sex differentiation and sexual development] László J.
Orv Hetil 114:1403-11, 17 Jun 73 (21 ref.) (Hun)

SEX HORMONES

BLOOD

Sex-hormone-binding globulin. Anderson DC.
Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)

PHARMACODYNAMICS

Sex hormones--effects on prolactin cells. el Etreby MF, et al.
Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
The neoplastic cell. The effects of steroid hormones and carcinogens on the interaction of membranes with polysomes. Rabin BR, et al.
J Clin Pathol [Suppl] 7:51-9, 1974 (26 ref.)

SOMATOTROPIN

PHARMACODYNAMICS

Effects of inhibitors and stimulators of protein synthesis on the cerebral actions of L-dopa. Cotzias GC, et al. *Neurosci Res* 5:97-108, 1973 (28 ref.)

STEIN-LEVENTHAL SYNDROME

DIAGNOSIS

[Stein-Leventhal syndrome] Stoppelli I, et al.
Minerva Ginecol 26:255-61, May 74 (204 ref.) (Eng. Abstr.) (Ita)

TESTICULAR FEMINIZATION

FAMILIAL & GENETIC

Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. Bardin CW, et al. *J Invest Dermatol* 63:75-84, Jul 74 (57 ref.)

THYROID DISEASES

PATHOLOGY

Aspiration biopsy cytology. I. Cytology of supradiaphragmatic organs. 3 Thyroid. Lowhagen T. *Monogr Clin Cytol* 4:67-89, 1974 (8 ref.)

RADIOTHERAPY

Treatment with unsealed radioisotopes. Greig WR, et al. *Br Med Bull* 29:63-8, Jan 73 (50 ref.)

THYROID GLAND

PATHOLOGY

Aspiration biopsy cytology. I. Cytology of supradiaphragmatic organs. 3 Thyroid. Lowhagen T. *Monogr Clin Cytol* 4:67-89, 1974 (8 ref.)

PHYSIOLOGY

Thyroid physiology in health and disease. *Ann Intern Med* 81:68-81, Jul 74 (94 ref.)
Thyroid thermogenesis. Edelman IS. *N Engl J Med* 290:1303-8, 6 Jun 74 (12 ref.)

THYROID GLAND FUNCTION TESTS

A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74 (17 ref.)

THYROID NEOPLASMS

PATHOLOGY

Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al. *Pathol Annu* 8:205-30, 1973 (62 ref.)

THYROIDITIS

IMMUNOLOGY

Experimental autoimmune thyroiditis. Weigle WO. *Pathol Annu* 8:329-47, 1973 (70 ref.)

THYROIDITIS, LYMPHOMATOUS

IMMUNOLOGY

The pathogenesis of Graves' disease and Hashimoto's thyroiditis. Volpé R, et al. *Clin Endocrinol (Oxf)* 3:239-61, Jul 74 (134 ref.)

THYROTROPIN

PHYSIOLOGY

[Study of human thyroid stimulator (HTS):

comparison with LATS] Onaya T, et al. *Clin Endocrinol (Tokyo)* 22:394-6, Mar 74 (10 ref.) (Jap)

THYROTROPIN RELEASING HORMONE

Chemistry of hypothalamic releasing factors. Burgus R, et al. *Prog Brain Res* 39:41-51, 1973 (37 ref.)

THYROXINE

BLOOD

A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74 (17 ref.)

THYROXINE-BINDING PROTEIN

METABOLISM

A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74 (17 ref.)

VITAMIN D

Metabolism and action of the hormone vitamin D. Its relation to diseases of calcium homeostasis. Coburn JW, et al. *West J Med* 121:22-44, Jul 74 (212 ref.)
[Metabolism and mechanism of vitamin D] Pietrek J. *Pol Arch Med Wewn* 51:425-32, Apr 74 (20 ref.) (Pol)

BLOOD

The physiologic significance of plasma transport of vitamin D and metabolites. Belsey R, et al. *Am J Med* 57:50-6, Jul 74 (24 ref.)

METABOLISM

Third F. Raymond Keating, Jr., Memorial Symposium-parathyroid hormone, calcitonin and vitamin D: clinical considerations. II. Vitamin D--1973. DeLuca HF. *Am J Med* 57:1-12, Jul 74 (79 ref.)
Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)
Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I. *Curr Top Exp Endocrinol* 2:179-93, 1974 (57 ref.)

PHYSIOLOGY

Editorial: Vitamin D, the kidney and calcium homeostasis. Avioli LV. *Kidney Int* 2:241-6, Nov 72 (62 ref.)

THERAPEUTIC USE

The therapeutic approach to hypoparathyroidism. Avioli LV. *Am J Med* 57:34-42, Jul 74 (103 ref.)
Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. *Kidney Int* 4:161-7, Aug 73 (73 ref.)

METHOD SECTION

This section is meant to be an alerting device for articles which describe: 1) new methods or techniques, 2) modifications of existing methods or 3) comparisons of different methods. For methods on a particular substance or for a specific type of method, see the subject index or the subject section (particularly the sub-headings: analysis, blood, cerebrospinal fluid, chemical synthesis, isolation and purification, and urine).

ACTIVATION ANALYSIS

Determination of iodine in urine by neutron activation analysis. Application of the Szilard-Chalmers effect. Blotcky AJ, et al. *Anal Chem* 46:838-42, Jun 74
*ACTIVATION ANALYSIS/ HUMAN/ *IODINE, urine/ IODINE RADIOISOTOPES/ METHODS

AUTOANALYSIS

Continuous nephelometric monitoring of glycosaminoglycans eluted from chromatographic columns. Blau K, et al. *Anal Biochem* 58:650-4, Apr 74
AUTOANALYSIS/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ DENSITOMETRY/ EVALUATION STUDIES/ FEMALE/ HUMAN/ LIPOCHONDRODYSTROPHY, urine/ METHODS/ *MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, urine/ SPECTROMETRY, FLUORESCENCE

Use of co-current dialysis in an improved estimation of free thyroxine in serum. Strickler HS, et al. *Clin Chem* 20:695-7, Jun 74
AUTOANALYSIS/ COMPARATIVE STUDY/ DIALYSIS/ HUMAN/ IODINE RADIOISOTOPES/ METHODS/ PROTEIN BINDING/ *THYROXINE, blood

Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al. *Clin Endocrinol (Oxf)* 3:175-86, Apr 74
ACROMEGALY, metabolism/ AUTOANALYSIS/ BLOOD SUGAR, metabolism/ CORTICOTROPIN, blood/ CORTICOTROPIN, metabolism/ *CORTICOTROPIN, secretion/ EVALUATION STUDIES/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *GLUCAGON, diagnostic use/ GLYCERIN, blood/ HUMAN/ HYDROCORTISONE, blood/ HYPOGLYCEMIA, metabolism/ INSULIN, diagnostic use/ MALE/ METHODS/ PITUITARY GLAND, metabolism/ *PITUITARY GLAND, secretion/ PITUITARY NEOPLASMS, metabolism/ PROTEIN BINDING/ RADIOLIGAND ASSAY/ SOMATOTROPIN, blood/ SOMATOTROPIN, metabolism/ *SOMATOTROPIN, secretion/ TIME FACTORS

Proceedings: Are 24-h urine collections necessary for oestrogen determinations in pregnancy? Rao LG. *J Endocrinol* 61:xxix-xxx, Apr 74
AUTOANALYSIS/ CREATININE, urine/ *ESTRIOL, urine/ *ESTROGENS, urine/ FEMALE/ HUMAN/ METHODS/ PREGNANCY/ TIME FACTORS

BIOLOGICAL ASSAY

The cytochemical section assay for corticotrophin. Alaghband-Zadeh J, et al. *Clin Endocrinol (Oxf)* 3:319-27, Jul 74
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ *CORTICOTROPIN, blood/ *HISTOCYTOCHEMISTRY/ IN VITRO/ METHODS

The redox bioassay technique for the direct assessment of pituitary adrenocorticotrophic activity in the rat. Buckingham JC, et al. *Clin Endocrinol (Oxf)* 3:347-8, Jul 74
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ CORTICOSTERONE, blood/ *CORTICOTROPIN, analysis/ CORTICOTROPIN, blood/ MALE/ METHODS/ *PITUITARY GLAND, metabolism/ REGENERATION/ STRESS/ TIME FACTORS

Plasma corticotrophin levels during insulin-hypoglycaemia: comparison of radioimmunoassay and cytochemical bioassay. Fleisher MR, et al. *Clin Endocrinol (Oxf)* 3:203-8, Apr 74
ADRENAL GLANDS, physiology/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ *CORTICOTROPIN, blood/ CROSS REACTIONS/ EVALUATION STUDIES/ FASTING/ HUMAN/ *HYPOGLYCEMIA, blood/ HYPOGLYCEMIA, chemically induced/ HYPOTHALAMUS, physiology/ INSULIN/ IODINE RADIOISOTOPES/ METHODS/ PITUITARY GLAND, physiology/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ TIME FACTORS

Validation of the redox cytochemical assay for corticotrophin. Holdaway IM, et al. *Clin Endocrinol (Oxf)* 3:329-34, Jul 74
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ *CORTICOTROPIN, blood/ CROSS REACTIONS/ HALF-LIFE/ HISTOCYTOCHEMISTRY/ HUMAN/ METHODS/ NEUTRALIZATION TESTS/ OXIDATION-REDUCTION/ RABBITS, immunology/ RADIOIMMUNOASSAY

Technical aspects of the redox bioassay for luteinizing hormone. Kramer RM, et al. *Clin Endocrinol (Oxf)* 3:375-81, Jul 74
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ EVALUATION STUDIES/ FEMALE/ IN VITRO/ *LH, blood/ METHODS/ ORGAN WEIGHT/ OVARY, drug effects/ TIME FACTORS

A re-examination of the tadpole in metamorphic stasis as a recipient in a bioassay for thyroid-stimulating hormone. Ching M. *J Endocrinol* 61:15-9, Apr 74
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ FROGS/ HINDLIMB, drug effects/ IMMUNE SERUMS/ IODINE RADIOISOTOPES/ LARVA, drug effects/ LH, analysis/ *METAMORPHOSIS, BIOLOGICAL, drug effects/ METHODS/ RADIOIMMUNOASSAY/ RANA PIPIENS/ SOMATOTROPIN, analysis/ *THYROTROPIN, analysis/ THYROTROPIN, pharmacodynamics

Prostaglandins in rat tissues. Papanicolaou N, et al. *J Pharm Pharmacol* 26:270-2, Apr 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD PRESSURE/ BRAIN CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ COLON, drug effects/ KIDNEY CORTEX, analysis/ KIDNEY MEDULLA,

METHOD SECTION CHROMATOGRAPHY

analysis/ LIVER, analysis/ LUNG, analysis/
METHODS/ NEPHRECTOMY/
PROSTAGLANDINS, blood/
*PROSTAGLANDINS, isolation & purification/
PROSTAGLANDINS, pharmacodynamics/ RATS/
SPLEEN, analysis/ STOMACH, drug effects

Proceedings: Fundamental studies on the superfusion
technique for bioassay of prostaglandins. Harada Y, et
al. Jap J Pharmacol 24:Suppl:31, 1974

ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ IN VITRO/ METHODS/ PERFUSION/
*PROSTAGLANDINS, analysis

Proceedings: Modifications of the redox bioassay of
luteinizing hormones. Kramer RM, et al.
N Engl J Med 291:ix, 11 Jun 74

ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ COMPARATIVE STUDY/ CORPUS
LUTEUM/ FEMALE/ *LH, analysis/
METHODS/ SPECIES SPECIFICITY/ TIME
FACTORS

Estrogenic and anti-estrogenic characteristics of
common Finnish fodders. Kallela K.

Nord Vet Med 26:97-107, Feb 74

ANIMAL EXPERIMENTS/ *ANIMAL FEED,
analysis/ BIOLOGICAL ASSAY/
CHROMATOGRAPHY, THIN LAYER/
DEPRESSION, CHEMICAL/ ESTRADIOL,
pharmacodynamics/ *ESTROGENS, analysis/
ESTROGENS, antagonists & inhibitors/
FEMALE/ FINLAND/ *FLAVONES, analysis/
FLAVONES, pharmacodynamics/ *GRASSES,
analysis/ LACTONES, analysis/ METHODS/
ORGAN WEIGHT/ PLANT EXTRACTS,
analysis/ PLANT EXTRACTS,
pharmacodynamics/ SILAGE, analysis/
STIMULATION, CHEMICAL/ UTERUS,
anatomy & histology/ UTERUS, drug effects

Fluctuation of hypothalamic luteinizing hormone
releasing hormone and pituitary gonadotropins in
laying and non-laying hens. Harrison PC, et al.
Poult Sci 53:554-9, Mar 74

ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ *CHICKENS, physiology/ CIRCADIAN
RHYTHM/ FEMALE/ GONADOTROPINS,
PITUITARY, analysis/ *GONADOTROPINS,
PITUITARY, secretion/ HYPOTHALAMUS,
analysis/ *HYPOTHALAMUS, secretion/ LH,
blood/ LH-FSH RELEASING HORMONE,
analysis/ *LH-FSH RELEASING HORMONE,
secretion/ MALE/ METHODS/ *OVIPOSITION/
PHOSPHORUS RADIOISOTOPES/ PITUITARY
GLAND, analysis/ RATS/ TESTIS, metabolism

BODY WEIGHT

[Treatment of primary lipoproteinemia type IIa and IIb
with highly purified dextro-thyroxine (D-T4).
Controlled study in ambulant conditions] Klemens
UH, et al.

Dtsch Med Wochenschr 99:487-93, 15 Mar 74 (Eng.
Abstr.) (Ger)

ADMINISTRATION, ORAL/ *AMBULATORY
CARE/ ANGINA PECTORIS, drug therapy/
ANIMAL EXPERIMENTS/ BODY WEIGHT/
CHOLESTEROL, blood/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA,
drug therapy/ HYPERCHOLESTEREMIA,
pathology/ *LIPOPROTEINS, LDL, blood/
MALE/ METHODS/ PLACEBOS/ STATISTICS/
THYROXINE, administration & dosage/
THYROXINE, isolation & purification/
*THYROXINE, therapeutic use/ TIME
FACTORS/ TRIGLYCERIDES, blood

CENTRIFUGATION

[Determination of steroid hormones by protein
binding. Determination of cortisol and testosterone]
Fonzo D, et al.

Minerva Med 65:1749-64, 28 Apr 74 (Eng. Abstr.) (Ita)

BUFFERS/ CENTRIFUGATION/
CHROMATOGRAPHY/ CORTICOSTERONE,
blood/ ELECTROMAGNETICS/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/
*HYDROCORTISONE, blood/ HYDROGEN-ION
CONCENTRATION/ INDICATORS AND

REAGENTS/ MALE/ METHODS/ PROTEIN
BINDING/ SCINTILLATION COUNTERS/
*TESTOSTERONE, blood

CHEMISTRY

[The lipotropins (author's transl)] Schwandt P.
Klin Wochenschr 52:153-65, 15 Feb 74 (105 ref.) (Eng.
Abstr.) (Ger)

ADENYL CYCLASE, analysis/ ADIPOSE
TISSUE, drug effects/ ADIPOSE TISSUE,
enzymology/ ADIPOSE TISSUE, metabolism/
AMINO ACIDS, analysis/ ANIMAL
EXPERIMENTS/ CALCIUM, metabolism/
CHEMISTRY/ CROSS REACTIONS/ DUCKS/
ENGLISH ABSTRACT/ GLUCOSE, metabolism/
HUMAN/ IMMUNE SERUMS/ LIPID
MOBILIZATION/ LIPOTROPIN, analysis/
*LIPOTROPIN, isolation & purification/
LIPOTROPIN, metabolism/ LIPOTROPIN,
pharmacodynamics/ MAGNESIUM, metabolism/
METHODS/ MOLECULAR WEIGHT/
PHOSPHATES, metabolism/
PHOSPHODIESTERASES, analysis/ PITUITARY
HORMONES, ANTERIOR, physiology/
PROTEINS, metabolism/
RADIOIMMUNOASSAY/ REVIEW/ SHEEP/
SWINE

CHROMATOGRAPHY

Letter: Boric acid interference with alumina extraction
of urinary catecholamines. Raymond LW, et al.
Clin Chem 20:917, Jul 74

ALUMINUM/ BORATES/ *CATECHOLAMINES,
urine/ CHELATING AGENTS/
CHROMATOGRAPHY/ COMPARATIVE
STUDY/ DISPOSABLE EQUIPMENT/
EVALUATION STUDIES/ HUMAN/
INDICATORS AND REAGENTS/ METHODS/
TIME FACTORS

Identification and determination of synthetic
estrogens in pharmaceuticals by high-speed,
reversed-phase partition chromatography. Roos RW.
J Pharm Sci 63:594-9, Apr 74

CHLOROTRIANISENE, analysis/
CHROMATOGRAPHY/ DIETHYLSTILBESTROL,
analysis/ DOSAGE FORMS/ *ESTROGENS,
analysis/ ESTROGENS, radiation effects/
HEXESTROL, analysis/ HYDROLYSIS/
METHODS/ PHOTOCHEMISTRY/ SOLVENTS/
SPECTROPHOTOMETRY, ULTRAVIOLET/
STILBENES, analysis/ SUPPOSITORIES,
analysis/ TABLETS, analysis/ ULTRAVIOLET
RAYS

Prostaglandins of rat testis. Carpenter MP.
Lipids 9:397-406, Jun 74

ANIMAL EXPERIMENTS/ BUFFERS/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
GAS/ CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/ MALE/
METHODS/ PHOSPHATES/
*PROSTAGLANDINS, analysis/ SILICA/
SPECTROPHOTOMETRY, ULTRAVIOLET/
*TESTIS, analysis/ TIME FACTORS/ TRITIUM

Simultaneous radioimmunoassay of testosterone and
dihydrotestosterone. Barberia JM, et al.
Steroids 23:757-66, May 74

ADRENAL GLANDS, physiology/
ADRENALECTOMY/ CASTRATION/
CHROMATOGRAPHY/ COMPARATIVE
STUDY/ CROSS REACTIONS/ EVALUATION
STUDIES/ FEMALE/ HUMAN/ MALE/
MENOPAUSE/ MENSTRUATION/ METHODS/
MICROCHEMISTRY/ OVARY, physiology/
OVULATION/ RABBITS, immunology/
RADIOIMMUNOASSAY/ SILICA/
*STANOLONE, blood/ *TESTOSTERONE,
blood/ TIME FACTORS/ TRITIUM

A simple radioimmunoassay of plasma testosterone
without column chromatography. Castro A, et al.
Steroids 23:625-38, May 74

ALUMINUM/ CHROMATOGRAPHY/
COMPARATIVE STUDY/ CROSS REACTIONS/
EVALUATION STUDIES/ FEMALE/ HUMAN/

METHOD SECTION

MALE/ METHODS/ MICROCHEMISTRY/
OXIMES/ PROTEIN BINDING/ RABBITS,
immunology/ RADIOIMMUNOASSAY/ SERUM
ALBUMIN, BOVINE/ *TESTOSTERONE, blood/
TRITIUM

Measurement of a progestational and antiandrogenic
compound by a competitive protein binding assay.
Jagarinec N, et al. *Steroids* 23:561-78, Apr 74
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ BINDING, COMPETITIVE/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
THIN LAYER/ COMPARATIVE STUDY/
CROSS REACTIONS/ DOGS/ DRUG
STABILITY/ EVALUATION STUDIES/
FEMALE/ GUINEA PIGS/ HUMAN/ MALE/
MEDROGESTONE, administration and dosage/
MEDROGESTONE, blood/ METHODS/
*PREGNADIENES, blood/ PREGNANCY/
*PROGESTATIONAL HORMONES, blood/
PROGESTERONE/ PROTEIN BINDING/
RADIOLIGAND ASSAY/ SILICA/
TEMPERATURE/ TIME FACTORS/ TRITIUM

[Determination of steroid hormones by protein
binding. Determination of cortisol and testosterone]
Fonzo D, et al.

Minerva Med 65:1749-64, 28 Apr 74 (Eng. Abstr.) (Ita)
BUFFERS/ CENTRIFUGATION/
CHROMATOGRAPHY/ CORTICOSTERONE,
blood/ ELECTROMAGNETICS/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/
*HYDROCORTISONE, blood/ HYDROGEN-ION
CONCENTRATION/ INDICATORS AND
REAGENTS/ MALE/ METHODS/ PROTEIN
BINDING/ SCINTILLATION COUNTERS/
*TESTOSTERONE, blood

[Application of the radioimmunoassay method to the
determination of insulin in human plasma] Toledo E
Souza IT de, et al.

Rev Assoc Med Bras 20:41-6, Jan 74 (Eng. Abstr.)
(Por)

CHROMATOGRAPHY/ ELECTROPHORESIS,
STARCH GEL/ ENGLISH ABSTRACT/
HUMAN/ *INSULIN, blood/ IODINE
RADIOISOTOPES/ METHODS/
*RADIOIMMUNOASSAY

CHROMATOGRAPHY, DEAE-CELLULOSE

An improved protein binding assay for cyclic AMP.
Brostrom CO, et al. *Anal Biochem* 58:459-68, Apr 74

*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ AMMONIUM
SULFATE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ ASTROCYTOMA/ CATIONS,
DIVALENT/ CATTLE/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ CLONE CELLS/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/
HYDROGEN-ION CONCENTRATION/
HYDROXYAPATITE/ IRON,
pharmacodynamics/ LANTHANUM,
pharmacodynamics/ METHODS/ MUSCLES,
enzymology/ PHOSPHORUS RADIOISOTOPES/
PROTEIN BINDING/ PROTEIN KINASE,
antagonists & inhibitors/ RATS/
RIBONUCLEOTIDES, pharmacodynamics/
SODIUM CHLORIDE, pharmacodynamics/ TIME
FACTORS/ TRITIUM

CHROMATOGRAPHY, GAS

Simultaneous estimation of pregnenolone,
17-hydroxypregnenolone and

dehydroepiandrosterone by gas-liquid
radiochromatography. Nice E, et al.

Anal Biochem 59:399-406, Jun 74

*ADRENAL GLANDS, analysis/
ADRENALECTOMY/ BREAST NEOPLASMS,
therapy/ CARBON RADIOISOTOPES/
CHROMATOGRAPHY, GAS/
*DEHYDROEPIANDROSTERONE, analysis/
EVALUATION STUDIES/ FEMALE/ HUMAN/
*HYDROXYPREGNENOLONE, analysis/
METHODS/ MICROSOMES, metabolism/

*PREGNENOLONE, analysis/ PREGNENOLONE,
metabolism/ TRITIUM

3-Methoxy-4-hydroxyphenethylene glycol in plasma.
Dekirmenjian H, et al.

Clin Chim Acta 52:203-10, Apr 74

ANIMAL EXPERIMENTS/
CATECHOLAMINES, blood/
CHROMATOGRAPHY, GAS/ COMPARATIVE
STUDY/ *ETHYLENE, blood/ EVALUATION
STUDIES/ *GLYCOLS, blood/ HUMAN/
MACACA/ METHODS/ MONKEYS/ PLASMA,
analysis/ RATS/ SPECIES SPECIFICITY/
TIME FACTORS/ TRITIUM

Prostaglandins of rat testis. Carpenter MP.

Lipids 9:397-406, Jun 74

ANIMAL EXPERIMENTS/ BUFFERS/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
GAS/ CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/ MALE/
METHODS/ PHOSPHATES/
*PROSTAGLANDINS, analysis/ SILICA/
SPECTROPHOTOMETRY, ULTRAVIOLET/
*TESTIS, analysis/ TIME FACTORS/ TRITIUM

Variations in the excretion patterns of some
metabolites of cortisol as affecting measurement of
its secretion rate. Beale RN, et al.

Steroids 23:455-67, Mar 74

ADULT/ AMMONIA/ AMMONIUM SULFATE/
CHROMATES/ CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, ION EXCHANGE/
FEMALE/ HUMAN/ HYDROCORTISONE,
secretion/ *HYDROCORTISONE, urine/
HYDROLYSIS/ MALE/ METHODS/ MIDDLE
AGE/ NITROGEN/ OXIDATION-REDUCTION/
SECRETORY RATE/ STEREOISOMERS/ TIME
FACTORS

The quantitative measurement of steroids secreted by
isolated adrenals from sodium depleted rats.

Zuccarello WA, et al. *Steroids* 23:443-54, Mar 74

ACETYLATION/ ADRENAL CORTEX
HORMONES, analysis/ ADRENAL CORTEX
HORMONES, biosynthesis/ *ADRENAL
CORTEX HORMONES, secretion/ ADRENAL
GLANDS, drug effects/ ADRENAL GLANDS,
metabolism/ *ADRENAL GLANDS, secretion/
ALDOSTERONE, biosynthesis/ ALDOSTERONE,
secretion/ ALKANES/ ANILINE COMPOUNDS,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BUTANONES, pharmacodynamics/
CHROMATOGRAPHY, GAS/
CORTICOSTERONE, secretion/ DEPRESSION,
CHEMICAL/ DESOXYCORTICOSTERONE,
isolation & purification/
DESOXYCORTICOSTERONE, secretion/ DIET/
HYDROXYCORTICOSTEROIDS, secretion/ IN
VITRO/ KINETICS/ LACTONES, metabolism/
MALE/ METHODS/ NAPHTHALENES,
pharmacodynamics/ PHENETHYLAMINES,
pharmacodynamics/ PYRIDINES,
pharmacodynamics/ RATS/ *SODIUM,
physiology/ SOLVENTS/ SPECTROMETRY,
FLUORESCENCE/ TIME FACTORS

[Qualitative and quantitative analysis of
17-ketosteroids and 20-hydroxy-21-deoxysteroids in
urine by gas-liquid chromatography and mass
spectrum analysis] Desgres J, et al.

Clin Chim Acta 52:381-405, 17 May 74 (Eng. Abstr.)
(Fre)

*ANDROSTANES, urine/ ANDROSTERONE,
urine/ CHROMATOGRAPHY, GAS/
COMPARATIVE STUDY/
DEHYDROEPIANDROSTERONE, urine/
ENGLISH ABSTRACT/ EVALUATION
STUDIES/ HUMAN/ HYDROXYSTERIODS,
urine/ *17-KETOSTEROIDS, urine/
KETOSTEROIDS, isolation & purification/
METHODS/ PREGNANEDIOL, urine/
*PREGNANES, urine/ PREGNANETRIOL,
urine/ SNAILS, enzymology/ SPECTRUM
ANALYSIS, MASS/ STEREOISOMERS

INSTRUMENTATION

Gas phase analytical methods for the study of human

METHOD SECTION

metabolites. Metabolic profiles obtained by open tubular capillary chromatography. Horning EC, et al. *J Chromatogr* 91:367-78, 24 Apr 74

ALKANES, urine/ *CARBOHYDRATES, urine/ *CHROMATOGRAPHY, GAS, instrumentation/ *DRUGS, analysis/ DRUGS, metabolism/ FEMALE/ GLASS/ HUMAN/ IMIDES, urine/ INFANT, NEWBORN/ MALE/ METHODS/ SILICA/ *STEROIDS, urine/ *SUGAR ALCOHOLS, urine

CHROMATOGRAPHY, ION EXCHANGE

Continuous nephelometric monitoring of glycosaminoglycans eluted from chromatographic columns. Blau K, et al. *Anal Biochem* 58:650-4, Apr 74
AUTOANALYSIS/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ DENSITOMETRY/ EVALUATION STUDIES/ FEMALE/ HUMAN/ LIPOCHONDRODYSTROPHY, urine/ METHODS/ *MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, urine/ SPECTROMETRY, FLUORESCENCE

Separation of prostaglandin A2 and prostaglandin B2 by ion-exchange liquid chromatography. Morozowich W. *J Pharm Sci* 63:800-2, May 74
CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ METHODS/ *PROSTAGLANDINS, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET

Rate of inactivation of adenylyl cyclase and phosphodiesterase: determinants of brain cyclic AMP. Jones DJ, et al. *Life Sci* 14:1577-85, 16 Apr 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, enzymology/ *BRAIN CHEMISTRY/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FLUORIDES, pharmacodynamics/ FREEZING/ INSECTS, enzymology/ LUCIFERASE/ LUMINESCENCE/ MALE/ METHODS/ MICROWAVES/ NITROGEN/ *PHOSPHODIESTERASES, metabolism/ RADIOIMMUNOASSAY/ RATS/ TIME FACTORS/ TRITIUM

Variations in the excretion patterns of some metabolites of cortisol as affecting measurement of its secretion rate. Beale RN, et al. *Steroids* 23:455-67, Mar 74
ADULT/ AMMONIA/ AMMONIUM SULFATE/ CHROMATES/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ HUMAN/ HYDROCORTISONE, secretion/ *HYDROCORTISONE, urine/ HYDROLYSIS/ MALE/ METHODS/ MIDDLE AGE/ NITROGEN/ OXIDATION-REDUCTION/ SECRETORY RATE/ STEREOISOMERS/ TIME FACTORS

CHROMATOGRAPHY, PAPER

The "effective thyroxine ratio"--new in vitro test of thyroid function and its correlation with free thyroxine. Nauman J, et al. *Acta Endocrinol (Kbh)* 76:83-8, May 74
CHROMATOGRAPHY, PAPER/ FEMALE/ HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ IODINE RADIOISOTOPES/ MALE/ METHODS/ PREGNANCY/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood

Iodine metabolism in leukocytes: effect of graded iodide concentrations. Stolt V. *Biochem Med* 10:293-9, Jul 74
BINDING SITES/ CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ EVALUATION STUDIES/ HUMAN/ *IODIDES, pharmacodynamics/ *IODINE, blood/ IODINE, metabolism/ IODINE RADIOISOTOPES/

LEUKOCYTES, analysis/ LEUKOCYTES, drug effects/ *LEUKOCYTES, metabolism/ METHODS/ PROTEIN BINDING/ STAINS AND STAINING/ ULTRASONICS

Radioimmunoassay of plasma testosterone. Forti G, et al. *Chin Endocrinol (Oxf)* 3:5-17, Jan 74
AGE FACTORS/ BINDING SITES/ CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FEMALE/ HUMAN/ HYPOGONADISM, blood/ IMPOTENCE, blood/ MALE/ MATHEMATICS/ MENSTRUATION/ METHODS/ MICROCHEMISTRY/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN/ *TESTOSTERONE, blood/ TIME FACTORS/ TRITIUM

Solid phase radioimmunoassay of plasma aldosterone. Bizollon CA, et al. *Steroids* 23:809-21, Jun 74
*ALDOSTERONE, blood/ CELLULOSE/ CHROMATOGRAPHY, PAPER/ CROSS REACTIONS/ EVALUATION STUDIES/ HUMAN/ METHODS/ OXIMES/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ TRITIUM

Radioimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74
ADDISON'S DISEASE, blood/ ADRENAL CORTEX HORMONES, pharmacodynamics/ *ADRENAL GLANDS, secretion/ ADRENALECTOMY/ ADULT/ ANTIBODY SPECIFICITY/ CATTLE/ CHROMATOGRAPHY, PAPER/ CIRCADIAN RHYTHM/ *CORTICOSTERONE, blood/ CORTICOSTERONE, metabolism/ CORTICOSTERONE, secretion/ CROSS REACTIONS/ DEXAMETHASONE, pharmacodynamics/ FEMALE/ FLUOROMETRY/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, secretion/ MALE/ METHODS/ MIDDLE AGE/ PROTEIN BINDING/ RABBITS, immunology/ *RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE, metabolism/ SUCCINATES, metabolism/ TIME FACTORS/ TRITIUM

[Determination of low testosterone and androstenedione plasmatic levels (author's transl)] Hampl R, et al. *Cas Lek Cesk* 113:459-65, 19 Apr 74 (Eng. Abstr.) (Cze)
*ANDROSTENEDIONE, blood/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MALE/ METHODS/ PREGNANCY/ PROTEIN BINDING/ *TESTOSTERONE, blood

[Identification of the hydroxylated derivatives of pregnenolone synthesized in the adrenal mitochondria of swine] Pivnitskii KK, et al. *Vopr Med Khim* 20:314-8, May 74 (Eng. Abstr.) (Rus)
ACETYLATION/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CHROMATES, metabolism/ CHROMATOGRAPHY, PAPER/ COLORIMETRY/ ENGLISH ABSTRACT/ HYDROLYSIS/ HYDROXY-PREGNENOLONE, biosynthesis/ HYDROXY-PREGNENOLONE, metabolism/ IN VITRO/ METHODS/ *MITOCHONDRIA, metabolism/ OXIDATION-REDUCTION/ *PREGNENOLONE, analysis/ PREGNENOLONE, biosynthesis/ STEROIDS, analysis/ SWINE

CHROMATOGRAPHY, THIN LAYER

Development of a radioimmunoassay for 5 alpha-androst-16-en-3-one in pig peripheral plasma. Andresen O. *Acta Endocrinol (Kbh)* 76:377-87, Jun 74
ANDROSTENEDIONE/ *ANDROSTENES, blood/ ANIMAL EXPERIMENTS/ ANTIBODIES/ BINDING SITES, ANTIBODY/ CASTRATION/ CHROMATOGRAPHY, THIN LAYER/ CROSS REACTIONS/ FEMALE/ IMMUNE SERUMS/ MALE/ METHODS/ RABBITS, immunology/

METHOD SECTION

RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ SWINE/ TIME FACTORS/ TRITIUM

Improved plasma testosterone assay by competitive protein binding and clinical availability. Frick J. *Invest Urol* 12:27-9, Jul 74

AGE FACTORS/ BINDING, COMPETITIVE/
CHROMATOGRAPHY, THIN LAYER/
ESTRADIOL, blood/ ETHINYL ESTRADIOL,
therapeutic use/ FEMALE/ HEXESTROL,
therapeutic use/ HUMAN/ KLINEFELTER'S
SYNDROME, blood/ MALE/ METHODS/
PROSTATIC NEOPLASMS, blood/ PROSTATIC
NEOPLASMS, drug therapy/ *PROTEIN
BINDING/ PUBERTY/ SEX FACTORS/
TESTIS, blood supply/ TESTIS, surgery/
*TESTOSTERONE, blood/ TRITIUM/
VARICOCELE, blood/ VEINS

Prostaglandins in rat tissues. Papanicolaou N, et al. *J Pharm Pharmacol* 26:270-2, Apr 74

ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ BLOOD PRESSURE/ BRAIN
CHEMISTRY/ CHROMATOGRAPHY, THIN
LAYER/ COLON, drug effects/ KIDNEY
CORTEX, analysis/ KIDNEY MEDULLA,
analysis/ LIVER, analysis/ LUNG, analysis/
METHODS/ NEPHRECTOMY/
PROSTAGLANDINS, blood/
*PROSTAGLANDINS, isolation & purification/
PROSTAGLANDINS, pharmacodynamics/ RATS/
SPLEEN, analysis/ STOMACH, drug effects

Prostaglandins of rat testis. Carpenter MP. *Lipids* 9:397-406, Jun 74

ANIMAL EXPERIMENTS/ BUFFERS/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
GAS/ CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/ MALE/
METHODS/ PHOSPHATES/
*PROSTAGLANDINS, analysis/ SILICA/
SPECTROPHOTOMETRY, ULTRAVIOLET/
*TESTIS, analysis/ TIME FACTORS/ TRITIUM

Estrogenic and anti-estrogenic characteristics of common Finnish fodders. Kallela K. *Nord Vet Med* 26:97-107, Feb 74

ANIMAL EXPERIMENTS/ *ANIMAL FEED,
analysis/ BIOLOGICAL ASSAY/
CHROMATOGRAPHY, THIN LAYER/
DEPRESSION, CHEMICAL/ ESTRADIOL,
pharmacodynamics/ *ESTROGENS, analysis/
ESTROGENS, antagonists & inhibitors/
FEMALE/ FINLAND/ *FLAVONES, analysis/
FLAVONES, pharmacodynamics/ *GRASSES,
analysis/ LACTONES, analysis/ METHODS/
ORGAN WEIGHT/ PLANT EXTRACTS,
analysis/ PLANT EXTRACTS,
pharmacodynamics/ SILAGE, analysis/
STIMULATION, CHEMICAL/ UTERUS,
anatomy & histology/ UTERUS, drug effects

Measurement of a progestational and antiandrogenic compound by a competitive protein binding assay. Jagarinec N, et al. *Steroids* 23:561-78, Apr 74

ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ BINDING, COMPETITIVE/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
THIN LAYER/ COMPARATIVE STUDY/
CROSS REACTIONS/ DOGS/ DRUG
STABILITY/ EVALUATION STUDIES/
FEMALE/ GUINEA PIGS/ HUMAN/ MALE/
MEDROGESTONE, administration & dosage/
MEDROGESTONE, blood/ METHODS/
*PREGNADIENES, blood/ PREGNANCY/
*PROGESTATIONAL HORMONES, blood/
PROGESTERONE/ PROTEIN BINDING/
RADIOLIGAND ASSAY/ SILICA/
TEMPERATURE/ TIME FACTORS/ TRITIUM

A non-chromatographic radioimmunoassay of estrone and estradiol-17beta serum. Kushinsky S, et al. *Steroids* 23:535-48, Apr 74

CHARCOAL/ CHROMATOGRAPHY, THIN
LAYER/ COMPARATIVE STUDY/ DEXTRAN/
*ESTRADIOL, blood/ ESTRIOL, blood/
*ESTRONE, blood/ EVALUATION STUDIES/
FEMALE/ HUMAN/ INDICATORS AND
REAGENTS/ MALE/ METHODS/

MICROCHEMISTRY/ RADIOIMMUNOASSAY/ TIME FACTORS/ TRITIUM

Changes in plasma levels of estrone sulfate and estrone in the pregnant ewe around parturition. Tsang CP. *Steroids* 23:855-68, Jun 74

ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, THIN LAYER/
*ESTROGENIC SUBSTANCES, CONJUGATED,
blood/ *ESTRONE, blood/ ESTRONE, isolation
& purification/ FEMALE/ GEL FILTRATION/
*LABOR/ MALE/ METHODS/
RADIOIMMUNOASSAY/ SHEEP, immunology/
SHEEP, metabolism/ SULFURIC ACIDS,
blood/ TRITIUM

[Thin layer chromatography determination of picogram amounts of estradiol] Pollow K, et al. *J Chromatogr* 90:402-4, 10 Apr 74 (Ger)

*CHROMATOGRAPHY, THIN LAYER/
*ESTRADIOL, analysis/ METHODS/
MICROCHEMISTRY

[Use of thin-layer chromatography in the determination of insulin] Smyk W, et al. *Acta Pol Pharm* 31:77-80, 1974 (Eng. Abstr.) (Pol)

ACETATES/ ACETIC ACIDS/
CHROMATOGRAPHY, THIN LAYER/
ENGLISH ABSTRACT/ *INSULIN, analysis/
METHODS

COLORIMETRY

[Identification of the hydroxylated derivatives of pregnenolone synthesized in the adrenal mitochondria of swine] Pivnitakif KK, et al. *Vopr Med Khim* 20:314-8, May 74 (Eng. Abstr.) (Rus)

ACETYLATION/ *ADRENAL GLANDS,
metabolism/ ANIMAL EXPERIMENTS/
CARBON RADIOISOTOPES/ CHROMATES,
metabolism/ CHROMATOGRAPHY, PAPER/
COLORIMETRY/ ENGLISH ABSTRACT/
HYDROLYSIS/ HYDROXY-PREGNENOLONE,
biosynthesis/ HYDROXY-PREGNENOLONE,
metabolism/ IN VITRO/ METHODS/
*MITOCHONDRIA, metabolism/
OXIDATION-REDUCTION/ *PREGNENOLONE,
analysis/ PREGNENOLONE, biosynthesis/
STEROIDS, analysis/ SWINE

COMPARATIVE STUDY

A cost reductive method for the radioimmunoassay of plasma androstenedione. A comparison of antisera and the effects of chromatography. Hennem JF, et al. *Acta Endocrinol (Kbh)* 76:597-607, Jul 74

AMMONIUM SULFATE/ *ANDROSTENEDIONE,
blood/ AZO COMPOUNDS/ CALCIUM/
COMPARATIVE STUDY/ CROSS REACTIONS/
ETHERS/ EVALUATION STUDIES/ GEL
FILTRATION/ HUMAN/ IMMUNE SERUMS/
METHODS/ *RADIOIMMUNOASSAY/ SERUM
ALBUMIN, BOVINE/ SUCCINATES/
SULFATES/ TRITIUM

Continuous nephelometric monitoring of glycosaminoglycans eluted from chromatographic columns. Blau K, et al. *Anal Biochem* 58:650-4, Apr 74

AUTOANALYSIS/ CHILD, PRESCHOOL/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ DENSITOMETRY/
EVALUATION STUDIES/ FEMALE/ HUMAN/
LIPOCHONDRODYSTROPHY, urine/
METHODS/ *MUCOPOLYSACCHARIDES,
analysis/ MUCOPOLYSACCHARIDES, urine/
SPECTROMETRY, FLUORESCENCE

An improved protein binding assay for cyclic AMP. Brostrom CO, et al. *Anal Biochem* 58:459-68, Apr 74

*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ AMMONIUM
SULFATE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ ASTROCYTOMA/ CATIONS,
Divalent/ CATTLE/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ CLONE CELLS/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/
HYDROGEN-ION CONCENTRATION/
HYDROXYAPATITE/ IRON,
pharmacodynamics/ LANTHANUM,

METHOD SECTION

COMPARATIVE

pharmacodynamics/ METHODS/ MUSCLES, enzymology/ PHOSPHORUS RADIOISOTOPES/ PROTEIN BINDING/ PROTEIN KINASE, antagonists & inhibitors/ RATS/ RIBONUCLEOTIDES, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ TIME FACTORS/ TRITIUM

Modification of the competitive protein-binding assay for corticosterone: serial measurements in the rat. Sparagana M, et al. *Biochem Med* 9:363-7, Apr 74
ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ CATHETERIZATION/ CIRCADIAN RHYTHM/ COMPARATIVE STUDY/ *CORTICOSTERONE, blood/ EVALUATION STUDIES/ JUGULAR VEIN/ MALE/ METHODS/ MICROCHEMISTRY/ PROTEIN BINDING/ RATS/ TIME FACTORS/ TRITIUM

Iodine metabolism in leukocytes: effect of graded iodide concentrations. Stole V. *Biochem Med* 10:293-9, Jul 74
BINDING SITES/ CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ EVALUATION STUDIES/ HUMAN/ *IODIDES, pharmacodynamics/ *IODINE, blood/ IODINE, metabolism/ IODINE RADIOISOTOPES/ LEUKOCYTES, analysis/ LEUKOCYTES, drug effects/ *LEUKOCYTES, metabolism/ METHODS/ PROTEIN BINDING/ STAINS AND STAINING/ ULTRASONICS

Letter: Use of alkaline Sephadex G-25 for extraction and measurement of thyroxine. Bauer R. *Clin Chem* 20:917-8, Jul 74
COMPARATIVE STUDY/ EVALUATION STUDIES/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IODINE RADIOISOTOPES/ METHODS/ *THYROXINE, blood

Letter: Potential source of error in fluorometric analysis of dopamine. Greenland RD, et al. *Clin Chem* 20:915, Jul 74
BUFFERS/ COMPARATIVE STUDY/ *DOPAMINE, analysis/ EVALUATION STUDIES/ METHODS/ PHOSPHATES/ POTASSIUM/ SODIUM/ SPECTROMETRY, FLUORESCENCE

Letter: Boric acid interference with alumina extraction of urinary catecholamines. Raymond LW, et al. *Clin Chem* 20:917, Jul 74
ALUMINUM/ BORATES/ *CATECHOLAMINES, urine/ CHELATING AGENTS/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ DISPOSABLE EQUIPMENT/ EVALUATION STUDIES/ HUMAN/ INDICATORS AND REAGENTS/ METHODS/ TIME FACTORS

Use of co-current dialysis in an improved estimation of free thyroxine in serum. Strickler HS, et al. *Clin Chem* 20:695-7, Jun 74
AUTOANALYSIS/ COMPARATIVE STUDY/ DIALYSIS/ HUMAN/ IODINE RADIOISOTOPES/ METHODS/ PROTEIN BINDING/ *THYROXINE, blood

3-Methoxy-4-hydroxyphenethylene glycol in plasma. Dekirmenjian H, et al. *Clin Chim Acta* 52:203-10, Apr 74
ANIMAL EXPERIMENTS/ CATECHOLAMINES, blood/ CHROMATOGRAPHY, GAS/ COMPARATIVE STUDY/ *ETHYLENE, blood/ EVALUATION STUDIES/ *GLYCOLS, blood/ HUMAN/ MACACA/ METHODS/ MONKEYS/ PLASMA, analysis/ RATS/ SPECIES SPECIFICITY/ TIME FACTORS/ TRITIUM

The measurement of total plasma insulin and insulin antibody levels in diabetic children. Dunlop M, et al. *Clin Chim Acta* 52:353-9, 17 May 74
CHARCOAL/ COMPARATIVE STUDY/ *DIABETES MELLITUS, JUVENILE, blood/ EVALUATION STUDIES/ FASTING/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *INSULIN, blood/ *INSULIN ANTIBODIES, analysis/

IODINE RADIOISOTOPES/ MALE/ METHODS/ RADIOIMMUNOASSAY

Triiodothyronine radioimmunoassay: a study of the interactions of T3 with anti-T3 antisera and with thyroxine binding globulin in the presence of ANS (ammonium-8-anilino naphthalene-1-sulfonate). Malkus H, et al. *Clin Chim Acta* 51:191-8, 15 Mar 74
ANILINO NAPHTHALENESULFONATES/ CATTLE/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FEMALE/ GOATS, immunology/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOTHYROIDISM, diagnosis/ IODINE RADIOISOTOPES/ KINETICS/ METHODS/ PREGNANCY/ PROTEIN BINDING/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ *THYROXINE-BINDING PROTEIN, analysis/ *TRIIODOTHYRONINE, analysis

Plasma corticotrophin levels during insulin-hypoglycaemia: comparison of radioimmunoassay and cytochemical bioassay. Fleisher MR, et al. *Clin Endocrinol (Oxf)* 3:203-8, Apr 74
ADRENAL GLANDS, physiology/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ *CORTICOTROPIN, blood/ CROSS REACTIONS/ EVALUATION STUDIES/ FASTING/ HUMAN/ *HYPOGLYCEMIA, blood/ HYPOGLYCEMIA, chemically induced/ HYPOTHALAMUS, physiology/ INSULIN/ IODINE RADIOISOTOPES/ METHODS/ PITUITARY GLAND, physiology/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ TIME FACTORS

Radioimmunoassay of plasma testosterone. Forti G, et al. *Clin Endocrinol (Oxf)* 3:5-17, Jan 74
AGE FACTORS/ BINDING SITES/ CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FEMALE/ HUMAN/ HYPOGONADISM, blood/ IMPOTENCE, blood/ MALE/ MATHEMATICS/ MENSTRUATION/ METHODS/ MICROCHEMISTRY/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN/ *TESTOSTERONE, blood/ TIME FACTORS/ TRITIUM

Validation of the redox cytochemical assay for corticotrophin. Holdaway IM, et al. *Clin Endocrinol (Oxf)* 3:329-34, Jul 74
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ *CORTICOTROPIN, blood/ CROSS REACTIONS/ HALF-LIFE/ HISTOCYTOCHEMISTRY/ HUMAN/ METHODS/ NEUTRALIZATION TESTS/ OXIDATION-REDUCTION/ RABBITS, immunology/ RADIOIMMUNOASSAY

A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. Wellby ML, et al. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74
COMPARATIVE STUDY/ EVALUATION STUDIES/ GEL FILTRATION/ HUMAN/ IODINE, blood/ IODINE RADIOISOTOPES/ METHODS/ *PROTEIN-BOUND IODINE TEST/ RESINS/ SERUM ALBUMIN, blood/ *THYROID DISEASES, diagnosis/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ *THYROXINE-BINDING PROTEIN, metabolism

Radioimmunoassay of thyroxine in unextracted serum. Meinhold H, et al. *Horm Metab Res* 6:169-70, Mar 74
ANILINO NAPHTHALENESULFONATES/ BINDING, COMPETITIVE/ BINDING SITES/ CATTLE/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ HUMAN/ IODINE RADIOISOTOPES/ METHODS/ OVALBUMIN/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ RADIOLIGAND ASSAY/ SERUM ALBUMIN/ SERUM ALBUMIN, BOVINE/ *THYROXINE, blood/ TRIIODOTHYRONINE, blood

Porcine corticosteroid-binding globulin: binding properties and levels in stress-susceptible swine. Marple DN, et al. *J Anim Sci* 38:1224-8, Jun 74
 ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ FEMALE/ HYDROCORTISONE, blood/ HYDROGEN-ION CONCENTRATION/ MALE/ METHODS/ PROTEIN BINDING/ STRESS, familial & genetic/ STRESS, physiopathology/ *STRESS, veterinary/ *SWINE, physiology/ SWINE DISEASES, familial & genetic/ *SWINE DISEASES, physiopathology/ TEMPERATURE/ *TRANSCORTIN, analysis/ TRITIUM

Measurement of prolactin in milk by radioimmunoassay. Malven PV, et al. *J Dairy Sci* 57:411-5, Apr 74

ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ FEMALE/ FREEZING/ GOATS/ IODINE RADIOISOTOPES/ METHODS/ *MILK, analysis/ *PROLACTIN, analysis/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SHEEP/ SPECIES SPECIFICITY/ SPECIMEN HANDLING/ TIME FACTORS

Rate of inactivation of adenylyl cyclase and phosphodiesterase: determinants of brain cyclic AMP. Jones DJ, et al. *Life Sci* 14:1577-85, 16 Apr 74

*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, enzymology/ *BRAIN CHEMISTRY/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FLUORIDES, pharmacodynamics/ FREEZING/ INSECTS, enzymology/ LUCIFERASE/ LUMINESCENCE/ MALE/ METHODS/ MICROWAVES/ NITROGEN/ *PHOSPHODIESTERASES, metabolism/ RADIOIMMUNOASSAY/ RATS/ TIME FACTORS/ TRITIUM

Prostaglandins of rat testis. Carpenter MP.

Lipids 9:397-406, Jun 74
 ANIMAL EXPERIMENTS/ BUFFERS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ EVALUATION STUDIES/ GEL FILTRATION/ MALE/ METHODS/ PHOSPHATES/ *PROSTAGLANDINS, analysis/ SILICA/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TESTIS, analysis/ TIME FACTORS/ TRITIUM

Proceedings: Modifications of the redox bioassay of luteinizing hormones. Kramer RM, et al.

N Engl J Med 291:ix, 11 Jun 74
 ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ CORPUS LUTEUM/ FEMALE/ *LH, analysis/ METHODS/ SPECIES SPECIFICITY/ TIME FACTORS

An ultra-micro immunoassay for insulin. Blanks MC, et al. *Proc Soc Exp Biol Med* 146:448-52, Jun 74

*ANTIGENS, analysis/ COMPARATIVE STUDY/ GUINEA PIGS, immunology/ *IMMUNOASSAY/ *INSULIN, analysis/ IODINE RADIOISOTOPES/ METHODS/ RABBITS, immunology/ SERUM ALBUMIN, BOVINE

Simultaneous radioimmunoassay of testosterone and dihydrotestosterone. Barberia JM, et al.

Steroids 23:757-66, May 74
 ADRENAL GLANDS, physiology/ ADRENALECTOMY/ CASTRATION/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ MENOPAUSE/ MENSTRUATION/ METHODS/ MICROCHEMISTRY/ OVARY, physiology/ OVULATION/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SILICA/ *STANOLONE, blood/ *TESTOSTERONE, blood/ TIME FACTORS/ TRITIUM

A simple radioimmunoassay of plasma testosterone

without column chromatography. Castro A, et al. *Steroids* 23:625-36, May 74

ALUMINUM/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ METHODS/ MICROCHEMISTRY/ OXIMES/ PROTEIN BINDING/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ *TESTOSTERONE, blood/ TRITIUM

Measurement of a progestational and antiandrogenic compound by a competitive protein binding assay.

Jagarinec N, et al. *Steroids* 23:561-78, Apr 74
 ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ CROSS REACTIONS/ DOGS/ DRUG STABILITY/ EVALUATION STUDIES/ FEMALE/ GUINEA PIGS/ HUMAN/ MALE/ MEDROGESTONE, administration & dosage/ MEDROGESTONE, blood/ METHODS/ *PREGNADIENES, blood/ PREGNANCY/ *PROGESTATIONAL HORMONES, blood/ PROGESTERONE/ PROTEIN BINDING/ RADIOLOGIC ASSAY/ SILICA/ TEMPERATURE/ TIME FACTORS/ TRITIUM

A non-chromatographic radioimmunoassay of estrone and estradiol-17 β serum. Kushinsky S, et al.

Steroids 23:535-48, Apr 74
 CHARCOAL/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ DEXTRAN/ *ESTRADIOL, blood/ ESTRIOL, blood/ *ESTRONE, blood/ EVALUATION STUDIES/ FEMALE/ HUMAN/ INDICATORS AND REAGENTS/ MALE/ METHODS/ MICROCHEMISTRY/ RADIOIMMUNOASSAY/ TIME FACTORS/ TRITIUM

Production of antisera specific to aldosterone: effect of hapten density and of carrier proteins. Vetter W, et al.

Steroids 23:741-56, May 74
 *ALDOSTERONE/ ALDOSTERONE, analysis/ ANTIBODIES/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ HAPTENS/ *IMMUNE SERUMS/ METHODS/ MOLECULAR WEIGHT/ OXIMES/ PROTEIN BINDING/ RABBITS, immunology/ SERUM ALBUMIN, BOVINE/ TIME FACTORS/ TRITIUM

[Qualitative and quantitative analysis of 17-ketosteroids and 20-hydroxy-21-deoxysteroids in urine by gas-liquid chromatography and mass spectrum analysis] Desgres J, et al.

Clin Chim Acta 52:381-405, 17 May 74 (Eng. Abstr.) (Fre)

*ANDROSTANES, urine/ ANDROSTERONE, urine/ CHROMATOGRAPHY, GAS/ COMPARATIVE STUDY/ DEHYDROEPIANDROSTERONE, urine/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HUMAN/ HYDROXYSTERIODS, urine/ *17-KETOSTEROIDS, urine/ KETOSTEROIDS, isolation & purification/ METHODS/ PREGNANEDIOL, urine/ *PREGNANES, urine/ PREGNANETRIOL, urine/ SNAILS, enzymology/ SPECTRUM ANALYSIS, MASS/ STEREOISOMERS

[Thyroxine (T4) determination by radioimmunological method in dried blood eluate: new diagnostic method of neonatal hypothyroidism?] Dussault JH, et al.

Union Med Can 102:2062-4, Oct 73 (Eng. Abstr.) (Fre)
 ANALYSIS OF VARIANCE/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, diagnosis/ IN VITRO/ INFANT, NEWBORN, DISEASES, diagnosis/ METHODS/ RADIOIMMUNOASSAY/ *THYROXINE, blood/ TIME FACTORS

[Improvement of fluorimetric estimation of delta 4-3-ketosteroids by means of lithium hydroxide reaction for analysis at the nanogram level (author's transl)] Kaplan HG, et al.

Clin Chim Acta 51:113-7, 15 Mar 74 (Eng. Abstr.) (Ger)

METHOD SECTION

COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ EVALUATION STUDIES/
HYDROCORTISONE, analysis/
*KETOSTEROIDS, analysis/ LITHIUM/
METHODS/ MICROCHEMISTRY/
PROGESTERONE, analysis/ SPECTROMETRY,
FLUORESCENCE/ SPECTROMETRY,
FLUORESCENCE, instrumentation/
TESTOSTERONE, analysis

[T4 determination using "Oxford T4 column" test and
Murphy-Pattee method. Amethodical comparison]
Dürr HK, et al.
Verh Dtsch Ges Inn Med 79:1227-9, 1973 (Ger)
COMPARATIVE STUDY/ HUMAN/ METHODS/
*THYROXINE, analysis

[Do extra-adrenal pheochromocytomas excrete
adrenaline? Study on fluorimetric interference in the
differential measurement of catecholamines] Chávez
Lara B, et al.
Arch Inst Cardiol Mex 44:263-6, Mar-Apr 74 (Eng.
Abstr.) (Spa)

COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ *EPINEPHRINE, secretion/
EPINEPHRINE, urine/ FLUOROMETRY/
*HORMONES, ECTOPIC, secretion/ HUMAN/
METHODS/ NOREPINEPHRINE, urine/
*PHEOCHROMOCYTOMA, physiology/pathology/
PHEOCHROMOCYTOMA, urine

DENSITOMETRY

Continuous nephelometric monitoring of
glycosaminoglycans eluted from chromatographic
columns. Blau K, et al. Anal Biochem 58:650-4, Apr 74
AUTOANALYSIS/ CHILD, PRESCHOOL/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ DENSITOMETRY/
EVALUATION STUDIES/ FEMALE/ HUMAN/
LIPOCHONDRODYSROPHY, urine/
METHODS/ *MUCOPOLYSACCHARIDES,
analysis/ MUCOPOLYSACCHARIDES, urine/
SPECTROMETRY, FLUORESCENCE

DENSITOMETRY, X-RAY

[Diagnosis of pathological changes at the
cement-bone-bond by equidensitometry (author's
transl)] Oest O, et al.
Arch Orthop Unfallchir 78:147-56, 30 Apr 74 (Eng.
Abstr.) (Ger)

*BONE AND BONES, radiography/ *BONE
CEMENTS/ *DENSITOMETRY, X-RAY/
ENGLISH ABSTRACT/ FEMALE/ FEMUR/
HIP JOINT/ HUMAN/ *JOINT PROSTHESIS/
MALE/ METHODS/ *POSTOPERATIVE
COMPLICATIONS, radiography

DIALYSIS

Use of co-current dialysis in an improved estimation of
free thyroxine in serum. Strickler HS, et al.
Clin Chem 20:695-7, Jun 74
AUTOANALYSIS/ COMPARATIVE STUDY/
DIALYSIS/ HUMAN/ IODINE
RADIOISOTOPES/ METHODS/ PROTEIN
BINDING/ *THYROXINE, blood

ELECTROPHORESIS,

POLYACRYLAMIDE GEL

Radioimmunoassay of rabbit growth hormone.
McIntyre HB, et al. Endocrinology 94:1568-76, Jun 74
ANIMAL EXPERIMENTS/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ GEL FILTRATION/ HYDROGEN
PEROXIDE/ IODINE RADIOISOTOPES/
MACACA, immunology/ METHODS/
MOLECULAR WEIGHT/ PEROXIDASES/
RABBITS/ RADIOIMMUNOASSAY/
*SOMATOTROPIN, blood

Proceedings: Stimulation of melanocyte-stimulating
hormone release in vitro by cyclic AMP. Baker BI.
N Engl J Med 291:ixxv, 11 Jun 74
ANIMAL EXPERIMENTS/ *DIBUTYRYL
CYCLIC AMP, pharmacodynamics/
ELECTROPHORESIS, POLYACRYLAMIDE

GEL/ IN VITRO/ METHODS/ *MSH,
secretion/ PITUITARY GLAND, drug effects/
*PITUITARY GLAND, secretion/
STIMULATION, CHEMICAL

[Use of electrophoresis in soluble polyacrylamide gel
for determining the specific radioactivity of protein
fractions] Martinenko FP, et al.
Ukr Biokhim Zh 46:252-4, Mar-Apr 74 (Eng. Abstr.)
(Ukr)

ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ ENGLISH
ABSTRACT/ METHODS/ *PITUITARY GLAND,
analysis/ *PROTEINS, analysis/ RATS/
*SOMATOTROPIN, analysis

ELECTROPHORESIS, STARCH GEL

[Application of the radioimmunoassay method to the
determination of insulin in human plasma] Toledo e
Souza IT de, et al.
Rev Assoc Med Bras 20:41-6, Jan 74 (Eng. Abstr.)
(Por)

CHROMATOGRAPHY/ ELECTROPHORESIS,
STARCH GEL/ ENGLISH ABSTRACT/
HUMAN/ *INSULIN, blood/ IODINE
RADIOISOTOPES/ METHODS/
*RADIOIMMUNOASSAY

FLUOROMETRY

Radioimmunoassay of human plasma corticosterone:
method, measurement of episodic secretion and
adrenal suppression and stimulation. Nabors CJ Jr, et
al. Steroids 23:363-78, Mar 74

ADDISON'S DISEASE, blood/ ADRENAL
CORTEX HORMONES, pharmacodynamics/
*ADRENAL GLANDS, secretion/
ADRENALECTOMY/ ADULT/ ANTIBODY
SPECIFICITY/ CATTLE/ CHROMATOGRAPHY,
PAPER/ CIRCADIAN RHYTHM/
*CORTICOSTERONE, blood/
CORTICOSTERONE, metabolism/
CORTICOSTERONE, secretion/ CROSS
REACTIONS/ DEXAMETHASONE,
pharmacodynamics/ FEMALE/
FLUOROMETRY/ HUMAN/
HYDROCORTISONE, blood/
HYDROCORTISONE, secretion/ MALE/
METHODS/ MIDDLE AGE/ PROTEIN
BINDING/ RABBITS, immunology/
*RADIOIMMUNOASSAY/ SERUM ALBUMIN,
BOVINE, metabolism/ SUCCINATES,
metabolism/ TIME FACTORS/ TRITIUM

[Fluorometric determination of plasma
catecholamines] Mäurer W, et al.
Verh Dtsch Ges Inn Med 79:817-20, 1973 (Ger)
*CATECHOLAMINES, blood/ EPINEPHRINE,
blood/ *FLUOROMETRY/ METHODS/
NOREPINEPHRINE, blood

[Do extra-adrenal pheochromocytomas excrete
adrenaline? Study on fluorimetric interference in the
differential measurement of catecholamines] Chávez
Lara B, et al.
Arch Inst Cardiol Mex 44:263-6, Mar-Apr 74 (Eng.
Abstr.) (Spa)

COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ *EPINEPHRINE, secretion/
EPINEPHRINE, urine/ FLUOROMETRY/
*HORMONES, ECTOPIC, secretion/ HUMAN/
METHODS/ NOREPINEPHRINE, urine/
*PHEOCHROMOCYTOMA, physiology/pathology/
PHEOCHROMOCYTOMA, urine

GEL FILTRATION

A cost reductive method for the radioimmunoassay of
plasma androstenedione. A comparison of antisera
and the effects of chromatography. Hennam JF, et al.
Acta Endocrinol (Kbh) 76:597-607, Jul 74
AMMONIUM SULFATE/ *ANDROSTENEDIONE,
blood/ AZO COMPOUNDS/ CALCIUM/
COMPARATIVE STUDY/ CROSS REACTIONS/
ETHERS/ EVALUATION STUDIES/ GEL
FILTRATION/ HUMAN/ IMMUNE SERUMS/
METHODS/ *RADIOIMMUNOASSAY/ SERUM

METHOD SECTION

ALBUMIN, BOVINE/ SUCCINATES/
SULFATES/ TRITIUM

Homologous radioimmunoassay of thyrotrophin in rat plasma. Kleffer JD, et al.

Acta Endocrinol (Kbh) 76:495-505, Jul 74
ANIMAL EXPERIMENTS/ ANTIBODIES/
CROSS REACTIONS/ DEPRESSION,
CHEMICAL/ FSH, blood/ GAMMA GLOBULIN/
GEL FILTRATION/ GOATS, immunology/
GONADS, physiology/ IODINE
RADIOISOTOPES/ LH, blood/ MALE/
METHODS/ PROLACTIN, blood/ RABBITS,
immunology/ RADIOIMMUNOASSAY/
STIMULATION, CHEMICAL/ *THYROTROPIN,
blood/ *THYROTROPIN RELEASING
HORMONE, pharmacodynamics/ *THYROXINE,
pharmacodynamics

An improved protein binding assay for cyclic AMP.
Brostrom CO, et al. Anal Biochem 58:459-68, Apr 74

*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ AMMONIUM
SULFATE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ ASTROCYTOMA/ CATIONS,
DVALENT/ CATTLE/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ CLONE CELLS/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/
HYDROGEN-ION CONCENTRATION/
HYDROXYAPATITE/ IRON,
pharmacodynamics/ LANTHANUM,
pharmacodynamics/ METHODS/ MUSCLES,
enzymology/ PHOSPHORUS RADIOISOTOPES/
PROTEIN BINDING/ PROTEIN KINASE,
antagonists & inhibitors/ RATS/
RIBONUCLEOTIDES, pharmacodynamics/
SODIUM CHLORIDE, pharmacodynamics/ TIME
FACTORS/ TRITIUM

Letter: Use of alkaline Sephadex G-25 for extraction
and measurement of thyroxine. Bauer R.

Clin Chem 20:917-8, Jul 74
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/ HUMAN/
HYDROGEN-ION CONCENTRATION/ IODINE
RADIOISOTOPES/ METHODS/ *THYROXINE,
blood

Plasma corticotropin radioimmunoassay, with use of
fuller's earth for extraction. Horgan ED, et al.

Clin Chem 20:682-6, Jun 74
ADDISON'S DISEASE, blood/ *ALUMINUM
SILICATES/ *CORTICOTROPIN, blood/
DEXAMETHASONE, therapeutic use/ GEL
FILTRATION/ HYPOPHYSECTOMY/ IODINE
RADIOISOTOPES/ KAOLIN/ *MAGNESIUM/
METHODS/ RADIOIMMUNOASSAY/
THYMOMA, blood

A comparison of effective thyroxine ratio, free
thyroxine index and free thyroxine concentration in
correcting for thyroxine-binding abnormalities in
serum. Wellby ML, et al.

Clin Endocrinol (Oxf) 3:63-8, Jan 74
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/ HUMAN/
IODINE, blood/ IODINE RADIOISOTOPES/
METHODS/ *PROTEIN-BOUND IODINE TEST/
RESINS/ SERUM ALBUMIN, blood/
*THYROID DISEASES, diagnosis/ *THYROID
GLAND FUNCTION TESTS/ *THYROXINE,
blood/ *THYROXINE-BINDING PROTEIN,
metabolism

Radioimmunoassay of rabbit growth hormone.

McIntyre HB, et al. Endocrinology 94:1568-76, Jun 74
ANIMAL EXPERIMENTS/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ GEL FILTRATION/ HYDROGEN
PEROXIDE/ IODINE RADIOISOTOPES/
MACACA, immunology/ METHODS/
MOLECULAR WEIGHT/ PEROXIDASES/
RABBITS/ RADIOIMMUNOASSAY/
*SOMATOTROPIN, blood

Prostaglandins of rat testis. Carpenter MP.

Lipids 9:397-406, Jun 74
ANIMAL EXPERIMENTS/ BUFFERS/
CHROMATOGRAPHY/ CHROMATOGRAPHY,

GAS/ CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/ MALE/
METHODS/ PHOSPHATES/
*PROTAGLANDINS, analysis/ SILICA/
SPECTROPHOTOMETRY, ULTRAVIOLET/
*TESTIS, analysis/ TIME FACTORS/ TRITIUM

Competitive protein-binding assay for corticoids in the
peripheral plasma of the immature chicken. Buckland
RB, et al. Poultr Sci 53:241-5, Jan 74

*ADRENAL CORTEX HORMONES, blood/ AGE
FACTORS/ ANIMAL EXPERIMENTS/
BINDING, COMPETITIVE/ *CHICKENS,
physiology/ COLD/ CORTICOSTERONE, blood/
CORTICOTROPIN, administration & dosage/
CORTICOTROPIN, pharmacodynamics/
DEXAMETHASONE, administration & dosage/
DEXAMETHASONE, pharmacodynamics/
FEMALE/ GEL FILTRATION/ INJECTIONS,
INTRAMUSCULAR/ MALE/ METHODS/
POULTRY DISEASES, physiopathology/
PROTEIN BINDING/ STRESS, physiopathology/
STRESS, veterinary/ TRANCORTIN/ WATER
DEPRIVATION

An improved method for the study of high-affinity
steroid binding: oestradiol binding in brain and
pituitary. Glnsburg M, et al. Steroids 23:773-92, Jun 74

AMYGDALOID BODY, metabolism/ ANIMAL
EXPERIMENTS/ BINDING SITES/ *BRAIN,
metabolism/ CEREBRAL CORTEX, metabolism/
CYTOSOL, metabolism/
DIETHYLSTILBESTROL/ *ESTRADIOL,
analysis/ FEMALE/ GEL FILTRATION/
HYPOTHALAMUS, metabolism/ METHODS/
*PITUITARY GLAND, metabolism/
PROGESTERONE, analysis/ STANOLONE,
analysis/ TESTOSTERONE, analysis/
THERMODYNAMICS/ TIME FACTORS/
TRITIUM/ UTERUS, metabolism

Changes in plasma levels of estrone sulfate and estrone
in the pregnant ewe around parturition. Tsang CP.
Steroids 23:855-68, Jun 74

ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, THIN LAYER/
*ESTROGENIC SUBSTANCES, CONJUGATED,
blood/ *ESTRONE, blood/ ESTRONE, isolation
& purification/ FEMALE/ GEL FILTRATION/
*LABOR/ MALE/ METHODS/
RADIOIMMUNOASSAY/ SHEEP, immunology/
SHEEP, metabolism/ SULFURIC ACIDS,
blood/ TRITIUM

HISTOCYTOCHEMISTRY

The cytochemical section assay for corticotrophin.

Alaghband-Zadeh J, et al.
Clin Endocrinol (Oxf) 3:319-27, Jul 74
ADRENAL GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ *BIOLOGICAL ASSAY/
*CORTICOTROPIN, blood/
*HISTOCYTOCHEMISTRY/ IN VITRO/
METHODS

Validation of the redox cytochemical assay for
corticotrophin. Holdaway IM, et al.

Clin Endocrinol (Oxf) 3:329-34, Jul 74
ADRENAL GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ *BIOLOGICAL ASSAY/
COMPARATIVE STUDY/ *CORTICOTROPIN,
blood/ CROSS REACTIONS/ HALF-LIFE/
HISTOCYTOCHEMISTRY/ HUMAN/
METHODS/ NEUTRALIZATION TESTS/
OXIDATION-REDUCTION/ RABBITS,
immunology/ RADIOIMMUNOASSAY

Localization of gonadotropin-releasing hormone
(Gn-RH) in the hypothalamus of the mouse by
immunoperoxidase technique. Zimmerman EA, et al.
Endocrinology 95:1-8, Jul 74

ANIMAL EXPERIMENTS/ BIPHENYL
COMPOUNDS/ FEMALE/
HISTOCYTOCHEMISTRY/ *HYPOTHALAMUS,
analysis/ IMMUNE SERUMS/ *LH-FSH
RELEASING HORMONE, analysis/ MALE/
METHODS/ PEROXIDASES/ RABBITS,
immunology/ STAINS AND STAINING

METHOD SECTION

PROTEIN BINDING

IMMUNOASSAY

An ultra-micro immunoassay for insulin. Blanks MC, et al. *Proc Soc Exp Biol Med* 146:448-52, Jun 74
 *ANTIGENS, analysis/ COMPARATIVE STUDY/ GUINEA PIGS, immunology/
 *IMMUNOASSAY/ *INSULIN, analysis/ IODINE RADIOISOTOPES/ METHODS/ RABBITS, immunology/ SERUM ALBUMIN, BOVINE

IMMUNOELECTROPHORESIS

Serum human placental lactogen hormone concentration in the second half of pregnancy determined by a simple immunoelectrophoretic technique. Gaede P, et al.

Acta Endocrinol (Kbh) 76:369-76, Jun 74
 ANTIBODIES/ BINDING, COMPETITIVE/ CIRCADIAN RHYTHM/ FEMALE/ HALF-LIFE/ HUMAN/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS/ METHODS/ *PLACENTAL LACTOGEN, blood/ PREGNANCY/ *PROGESTERONE, blood/ PROTEIN BINDING/ RABBITS, immunology/ TIME FACTORS

Immunoelectrophoretic quantitation of human placental lactogen hormone (HPL). Norgaard-Pedersen B, et al.

Scand J Immunol 2:Suppl 1:129-31, 1973
 ANTIGENS/ FEMALE/ FETAL DEATH/ HALF-LIFE/ HUMAN/ IMMUNOELECTROPHORESIS/ LABOR/ METHODS/ *PLACENTAL LACTOGEN, blood/ POLYSACCHARIDES/ PREGNANCY/ PREGNANCY COMPLICATIONS, blood/ RABBITS, immunology/ TIME FACTORS

MICROCHEMISTRY

Modification of the competitive protein-binding assay for corticosterone: serial measurements in the rat. Sparagana M, et al. *Biochem Med* 9:363-7, Apr 74
 ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ CATHETERIZATION/ CIRCADIAN RHYTHM/ COMPARATIVE STUDY/ *CORTICOSTERONE, blood/ EVALUATION STUDIES/ JUGULAR VEIN/ MALE/ METHODS/ MICROCHEMISTRY/ PROTEIN BINDING/ RATS/ TIME FACTORS/ TRITIUM

Radioimmunoassay of plasma testosterone. Forti G, et al. *Clin Endocrinol (Oxf)* 3:5-17, Jan 74
 AGE FACTORS/ BINDING SITES/ CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FEMALE/ HUMAN/ HYPOGONADISM, blood/ IMPOTENCE, blood/ MALE/ MATHEMATICS/ MENSTRUATION/ METHODS/ MICROCHEMISTRY/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN/ *TESTOSTERONE, blood/ TIME FACTORS/ TRITIUM

Simultaneous radioimmunoassay of testosterone and dihydrotestosterone. Barberia JM, et al. *Steroids* 23:757-66, May 74
 ADRENAL GLANDS, physiology/ ADRENALECTOMY/ CASTRATION/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ MENOPAUSE/ MENSTRUATION/ METHODS/ MICROCHEMISTRY/ OVARY, physiology/ OVULATION/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SILICA/ *STANOLONE, blood/ *TESTOSTERONE, blood/ TIME FACTORS/ TRITIUM

A simple radioimmunoassay of plasma testosterone without column chromatography. Castro A, et al. *Steroids* 23:625-38, May 74
 ALUMINUM/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ METHODS/ MICROCHEMISTRY/ OXIMES/ PROTEIN BINDING/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM

ALBUMIN, BOVINE/ *TESTOSTERONE, blood/ TRITIUM

A non-chromatographic radioimmunoassay of estrone and estradiol-17beta serum. Kushinsky S, et al. *Steroids* 23:535-48, Apr 74
 CHARCOAL/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ DEXTRAN/ *ESTRADIOL, blood/ ESTRIOL, blood/ *ESTRONE, blood/ EVALUATION STUDIES/ FEMALE/ HUMAN/ INDICATORS AND REAGENTS/ MALE/ METHODS/ MICROCHEMISTRY/ RADIOIMMUNOASSAY/ TIME FACTORS/ TRITIUM

[Improvement of fluorimetric estimation of delta 4-3-ketosteroids by means of lithium hydroxide reaction for analysis at the nanogram level (author's transl)] Kaplan HG, et al.

Clin Chim Acta 51:113-7, 15 Mar 74 (Eng. Abstr.) (Ger)
 COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HYDROCORTISONE, analysis/ *KETOSTEROIDS, analysis/ LITHIUM/ METHODS/ MICROCHEMISTRY/ PROGESTERONE, analysis/ SPECTROMETRY, FLUORESCENCE/ SPECTROMETRY, FLUORESCENCE, instrumentation/ TESTOSTERONE, analysis

[Thin layer chromatography determination of picogram amounts of estradiol] Pollow K, et al. *J Chromatogr* 90:402-4, 10 Apr 74 (Ger)
 *CHROMATOGRAPHY, THIN LAYER/ *ESTRADIOL, analysis/ METHODS/ MICROCHEMISTRY

NUCLEAR MAGNETIC RESONANCE

Preparation of 6 alpha- and 6 beta-carboxymethyl steroid conjugates and their use in radioimmunoassay for progesterone. Jones CD, et al.

Steroids 23:323-36, Mar 74
 AMIDES, chem synthesis/ ANTIBODY SPECIFICITY/ CATTLE/ CROSS REACTIONS/ ISOMERISM/ METHODS/ NUCLEAR MAGNETIC RESONANCE/ *PROGESTERONE, blood/ PROGESTERONE, metabolism/ PROTEIN BINDING/ RABBITS, immunology/ *RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE, metabolism/ SPECTRUM ANALYSIS, MASS/ TRITIUM

ORGAN WEIGHT

Technical aspects of the redox bioassay for luteinizing hormone. Kramer RM, et al.

Clin Endocrinol (Oxf) 3:375-81, Jul 74
 ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ EVALUATION STUDIES/ FEMALE/ IN VITRO/ *LH, blood/ METHODS/ ORGAN WEIGHT/ OVARY, drug effects/ TIME FACTORS

Estrogenic and anti-estrogenic characteristics of common Finnish fodders. Kallela K.

Nord Vet Med 26:97-107, Feb 74
 ANIMAL EXPERIMENTS/ *ANIMAL FEED, analysis/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, THIN LAYER/ DEPRESSION, CHEMICAL/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, analysis/ ESTROGENS, antagonists & inhibitors/ FEMALE/ FINLAND/ *FLAVONES, analysis/ FLAVONES, pharmacodynamics/ *GRASSES, analysis/ LACTONES, analysis/ METHODS/ ORGAN WEIGHT/ PLANT EXTRACTS, analysis/ PLANT EXTRACTS, pharmacodynamics/ SILAGE, analysis/ STIMULATION, CHEMICAL/ UTERUS, anatomy & histology/ UTERUS, drug effects

PROTEIN BINDING

Serum human placental lactogen hormone concentration in the second half of pregnancy determined by a simple immunoelectrophoretic technique. Gaede P, et al.

Acta Endocrinol (Kbh) 76:369-76, Jun 74
 ANTIBODIES/ BINDING, COMPETITIVE/

PROTEIN BINDING METHOD SECTION

CIRCADIAN RHYTHM/ FEMALE/
HALF-LIFE/ HUMAN/
IMMUNOELECTROPHORESIS/
IMMUNOGLOBULINS/ METHODS/
*PLACENTAL LACTOGEN, blood/
PREGNANCY/ *PROGESTERONE, blood/
PROTEIN BINDING/ RABBITS, immunology/
TIME FACTORS

A new approach for investigating
hypothalamo-pituitary-gonadal and adrenal feedback
control mechanisms: active immunization with
steroids. Nieschlag E, et al.

Acta Endocrinol (Kbh) 76:556-69, Jul 74

*ADRENAL GLANDS, drug effects/
ADRENALECTOMY/ ALDOSTERONE, blood/
*ALDOSTERONE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BINDING, COMPETITIVE/
CELL NUCLEUS/
*DEHYDROEPIANDROSTERONE,
pharmacodynamics/ ESTRADIOL, blood/
*ESTRADIOL, pharmacodynamics/ FEEDBACK/
*GONADS, drug effects/ HYDROCORTISONE,
blood/ *HYDROCORTISONE,
pharmacodynamics/ *HYPOTHALAMUS, drug
effects/ IMMUNIZATION/ LEYDIG CELLS,
cytology/ MALE/ METHODS/ *PITUITARY
GLAND, drug effects/ PROTEIN BINDING/
RADIOIMMUNOASSAY/ STANOLONE, blood/
*STANOLONE, pharmacodynamics/
TESTOSTERONE, blood/ *TESTOSTERONE,
pharmacodynamics

An improved protein binding assay for cyclic AMP.
Brostrom CO, et al. Anal Biochem 58:459-68, Apr 74

*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ AMMONIUM
SULFATE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ ASTROCYTOMA/ CATIONS,
DIVALENT/ CATTLE/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ CLONE CELLS/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/
HYDROGEN-ION CONCENTRATION/
HYDROXYAPATITE/ IRON,
pharmacodynamics/ LANTHANUM,
pharmacodynamics/ METHODS/ MUSCLES,
enzymology/ PHOSPHORUS RADIOISOTOPES/
PROTEIN BINDING/ PROTEIN KINASE,
antagonists & inhibitors/ RATS/
RIBONUCLEOTIDES, pharmacodynamics/
SODIUM CHLORIDE, pharmacodynamics/ TIME
FACTORS/ TRITIUM

Assay of cyclic AMP by an isotope dilution test with
binding protein. Wunderwald P, et al.

Anal Biochem 59:488-81, Jun 74

*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE, metabolism/
ANIMAL EXPERIMENTS/ BINDING SITES/
COMPUTERS, DIGITAL/ EVALUATION
STUDIES/ MATHEMATICS/ METHODS/
MODELS, CHEMICAL/ *MUSCLE PROTEINS,
metabolism/ PROTEIN BINDING/ PROTEIN
KINASE, metabolism/ RADIOISOTOPE
DILUTION TECHNIC/ TRITIUM

Modification of the competitive protein-binding assay
for corticosterone: serial measurements in the rat.

Sparagana M, et al. Biochem Med 9:363-7, Apr 74

ANIMAL EXPERIMENTS/ BINDING,
COMPETITIVE/ CATHETERIZATION/
CIRCADIAN RHYTHM/ COMPARATIVE
STUDY/ *CORTICOSTERONE, blood/
EVALUATION STUDIES/ JUGULAR VEIN/
MALE/ METHODS/ MICROCHEMISTRY/
PROTEIN BINDING/ RATS/ TIME FACTORS/
TRITIUM

Iodine metabolism in leukocytes: effect of graded
iodide concentrations. Stole V.

Biochem Med 10:293-9, Jul 74

BINDING SITES/ CHROMATOGRAPHY,
PAPER/ COMPARATIVE STUDY/
EVALUATION STUDIES/ HUMAN/ *IODIDES,
pharmacodynamics/ *IODINE, blood/ IODINE,
metabolism/ IODINE RADIOISOTOPES/
LEUKOCYTES, analysis/ LEUKOCYTES, drug
effects/ *LEUKOCYTES, metabolism/

METHODS/ PROTEIN BINDING/ STAINS AND
STAINING/ ULTRASONICS

Use of co-current dialysis in an improved estimation of
free thyroxine in serum. Strickler HS, et al.
Clin Chem 20:895-7, Jun 74

AUTOANALYSIS/ COMPARATIVE STUDY/
DIALYSIS/ HUMAN/ IODINE
RADIOISOTOPES/ METHODS/ PROTEIN
BINDING/ *THYROXINE, blood

Triiodothyronine radioimmunoassay: a study of the
interactions of T3 with anti-T3 antisera and with
thyroxine binding globulin in the presence of ANS
(ammonium-8-anilino naphthalene-1-sulfonate).

Malkus H, et al. Clin Chim Acta 51:191-8, 15 Mar 74

ANILINO NAPHTHALENESULFONATES/
CATTLE/ COMPARATIVE STUDY/
EVALUATION STUDIES/ FEMALE/ GOATS,
immunology/ HUMAN/ HYPERTHYROIDISM,
diagnosis/ HYPOTHYROIDISM, diagnosis/
IODINE RADIOISOTOPES/ KINETICS/
METHODS/ PREGNANCY/ PROTEIN
BINDING/ RABBITS, immunology/
RADIOIMMUNOASSAY/ SERUM ALBUMIN,
BOVINE/ *THYROXINE-BINDING PROTEIN,
analysis/ *TRIIODOTHYRONINE, analysis

Plasma corticotrophin levels during
insulin-hypoglycaemia: comparison of
radioimmunoassay and cytochemical bioassay.
Fleisher MR, et al.

Clin Endocrinol (Oxf) 3:203-8, Apr 74

ADRENAL GLANDS, physiology/ BIOLOGICAL
ASSAY/ COMPARATIVE STUDY/
*CORTICOTROPIN, blood/ CROSS
REACTIONS/ EVALUATION STUDIES/
FASTING/ HUMAN/ *HYPOGLYCEMIA, blood/
HYPOGLYCEMIA, chemically induced/
HYPOTHALAMUS, physiology/ INSULIN/
IODINE RADIOISOTOPES/ METHODS/
PITUITARY GLAND, physiology/ PROTEIN
BINDING/ RADIOIMMUNOASSAY/ TIME
FACTORS

Subcutaneous glucagon as a test of the ability of the
pituitary to secrete GH and ACTH. Spathis GS, et al.

Clin Endocrinol (Oxf) 3:175-86, Apr 74

ACROMEGALY, metabolism/ AUTOANALYSIS/
BLOOD SUGAR, metabolism/
CORTICOTROPIN, blood/ CORTICOTROPIN,
metabolism/ *CORTICOTROPIN, secretion/
EVALUATION STUDIES/ FATTY ACIDS,
NONESTERIFIED, blood/ FEMALE/
*GLUCAGON, diagnostic use/ GLYCERIN,
blood/ HUMAN/ HYDROCORTISONE, blood/
HYPOGLYCEMIA, metabolism/ INSULIN,
diagnostic use/ MALE/ METHODS/
PITUITARY GLAND, metabolism/
*PITUITARY GLAND, secretion/ PITUITARY
NEOPLASMS, metabolism/ PROTEIN
BINDING/ RADIOLIGAND ASSAY/
SOMATOTROPIN, blood/ SOMATOTROPIN,
metabolism/ *SOMATOTROPIN, secretion/
TIME FACTORS

Radioimmunoassay of thyroxine in unextracted serum.

Meinhold H, et al. Horm Metab Res 6:169-70, Mar 74

ANILINO NAPHTHALENESULFONATES/
BINDING, COMPETITIVE/ BINDING SITES/
CATTLE/ COMPARATIVE STUDY/ CROSS
REACTIONS/ EVALUATION STUDIES/
HUMAN/ IODINE RADIOISOTOPES/
METHODS/ OVALBUMIN/ PROTEIN
BINDING/ RADIOIMMUNOASSAY/
RADIOLIGAND ASSAY/ SERUM ALBUMIN/
SERUM ALBUMIN, BOVINE/ *THYROXINE,
blood/ TRIIODOTHYRONINE, blood

Improved plasma testosterone assay by competitive
protein binding and clinical availability. Frick J.

Invest Urol 12:27-9, Jul 74

AGE FACTORS/ BINDING, COMPETITIVE/
CHROMATOGRAPHY, THIN LAYER/
ESTRADIOL, blood/ ETHINYL ESTRADIOL,
therapeutic use/ FEMALE/ HEXESTROL,
therapeutic use/ HUMAN/ KLINEFELTER'S
SYNDROME, blood/ MALE/ METHODS/
PROSTATIC NEOPLASMS, blood/ PROSTATIC
NEOPLASMS, drug therapy/ *PROTEIN

METHOD SECTION

PROTEIN BINDING

BINDING/ PUBERTY/ SEX FACTORS/
TESTIS, blood supply/ TESTIS, surgery/
*TESTOSTERONE, blood/ TRITIUM/
VARICOCELE, blood/ VEINS

Porcine corticosteroid-binding globulin: binding properties and levels in stress-susceptible swine. Marple DN, et al. *J Anim Sci* 38:1224-8, Jun 74
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ FEMALE/ HYDROCORTISONE, blood/ HYDROGEN-ION CONCENTRATION/ MALE/ METHODS/ PROTEIN BINDING/ STRESS, familial & genetic/ STRESS, physiopathology/ *STRESS, veterinary/ *SWINE, physiology/ SWINE DISEASES, familial & genetic/ *SWINE DISEASES, physiopathology/ TEMPERATURE/ *TRANSCORTIN, analysis/ TRITIUM

Protein bound iodine--pre-treatment of sera. Stephens JR, et al. *Med Lab Technol* 30:291-2, Jul 73
*BLOOD PROTEINS/ *IODINE, blood/ METHODS/ *PROTEIN BINDING/ PROTEIN-BOUND IODINE TEST

Competitive protein-binding assay for corticoids in the peripheral plasma of the immature chicken. Buckland RB, et al. *Poult Sci* 53:241-5, Jan 74
*ADRENAL CORTEX HORMONES, blood/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ *CHICKENS, physiology/ COLD/ CORTICOSTERONE, blood/ CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, pharmacodynamics/ DEXAMETHASONE, administration & dosage/ DEXAMETHASONE, pharmacodynamics/ FEMALE/ GEL FILTRATION/ INJECTIONS, INTRAMUSCULAR/ MALE/ METHODS/ POULTRY DISEASES, physiopathology/ PROTEIN BINDING/ STRESS, physiopathology/ STRESS, veterinary/ TRANSCORTIN/ WATER DEPRIVATION

Protein binding of 3',5'-adenosine cyclic monophosphate acid. Mato JM, et al. *Rev Esp Fisiol* 29:233-8, Sept 73
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, urine/ ADENOSINE TRIPHOSPHATE, analysis/ ADRENAL GLANDS/ ANIMAL EXPERIMENTS/ CATTLE/ CHARCOAL/ CROSS REACTIONS/ GUANOSINE TRIPHOSPHATE, analysis/ METHODS/ *PROTEIN BINDING/ PROTEINS, isolation & purification/ TIME FACTORS/ TRITIUM

A simple radioimmunoassay of plasma testosterone without column chromatography. Castro A, et al. *Steroids* 23:625-38, May 74
ALUMINUM/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ METHODS/ MICROCHEMISTRY/ OXIMES/ PROTEIN BINDING/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ *TESTOSTERONE, blood/ TRITIUM

The determination in human males of specific testosterone and 5alpha-dihydrotestosterone binding to sex hormone binding globulin by a differential dissociation technique. Horst HJ, et al. *Steroids* 23:833-44, Jun 74
AGING/ ANDROGENS, metabolism/ BINDING, COMPETITIVE/ CARCINOMA, drug therapy/ CARCINOMA, metabolism/ ESTROGENS, metabolism/ ESTROGENS, therapeutic use/ HUMAN/ HYDROCORTISONE, metabolism/ MALE/ METHODS/ PROSTATECTOMY/ PROSTATIC HYPERTROPHY, metabolism/ PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, metabolism/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ SERUM GLOBULINS, metabolism/ *STANOLONE, blood/ *TESTOSTERONE, blood/ TIME FACTORS/ TRITIUM

Measurement of a progestational and antiandrogenic

compound by a competitive protein binding assay. Jagarinec N, et al. *Steroids* 23:561-78, Apr 74
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ CROSS REACTIONS/ DOGS/ DRUG STABILITY/ EVALUATION STUDIES/ FEMALE/ GUINEA PIGS/ HUMAN/ MALE/ MEDROGESTONE, administration & dosage/ MEDROGESTONE, blood/ METHODS/ *PREGNADIENES, blood/ PREGNANCY/ *PROGESTATIONAL HORMONES, blood/ PROGESTERONE/ PROTEIN BINDING/ RADIOLIGAND ASSAY/ SILICA/ TEMPERATURE/ TIME FACTORS/ TRITIUM

Preparation of 6 alpha- and 6 beta-carboxymethyl steroid conjugates and their use in radioimmunoassay for progesterone. Jones CD, et al. *Steroids* 23:323-36, Mar 74
AMIDES, chem synthesis/ ANTIBODY SPECIFICITY/ CATTLE/ CROSS REACTIONS/ ISOMERISM/ METHODS/ NUCLEAR MAGNETIC RESONANCE/ *PROGESTERONE, blood/ PROGESTERONE, metabolism/ PROTEIN BINDING/ RABBITS, immunology/ *RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE, metabolism/ SPECTRUM ANALYSIS, MASS/ TRITIUM

Radioimmunoassay of human plasma corticosterone: method, measurement of episodic secretion and adrenal suppression and stimulation. Nabors CJ Jr, et al. *Steroids* 23:363-78, Mar 74
ADDISON'S DISEASE, blood/ ADRENAL CORTEX HORMONES, pharmacodynamics/ *ADRENAL GLANDS, secretion/ ADRENALLECTOMY/ ADULT/ ANTIBODY SPECIFICITY/ CATTLE/ CHROMATOGRAPHY, PAPER/ CIRCADIAN RHYTHM/ *CORTICOSTERONE, blood/ CORTICOSTERONE, metabolism/ CORTICOSTERONE, secretion/ CROSS REACTIONS/ DEXAMETHASONE, pharmacodynamics/ FEMALE/ FLUOROMETRY/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, secretion/ MALE/ METHODS/ MIDDLE AGE/ PROTEIN BINDING/ RABBITS, immunology/ *RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE, metabolism/ SUCCINATES, metabolism/ TIME FACTORS/ TRITIUM

Production of antisera specific to aldosterone: effect of hapten density and of carrier proteins. Vetter W, et al. *Steroids* 23:741-58, May 74
*ALDOSTERONE/ ALDOSTERONE, analysis/ ANTIBODIES/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ HAPTENS/ *IMMUNE SERUMS/ METHODS/ MOLECULAR WEIGHT/ OXIMES/ PROTEIN BINDING/ RABBITS, immunology/ SERUM ALBUMIN, BOVINE/ TIME FACTORS/ TRITIUM

[Determination of low testosterone and androstenedione plasmatic levels (author's transl)] Hampl R, et al. *Cas Lek Cesk* 113:459-65, 19 Apr 74 (Eng. Abstr.) (Cze)
*ANDROSTENEDIONE, blood/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MALE/ METHODS/ PREGNANCY/ PROTEIN BINDING/ *TESTOSTERONE, blood

[Determination of 17-alpha hydroxyprogesterone in plasma using competitive protein binding] Roux H, et al. *Ann Biol Clin (Paris)* 32:65-9, 1974 (Eng. Abstr.) (Fre)
BINDING, COMPETITIVE/ CORTICOSTERONE/ CORTICOTROPIN, administration & dosage/ DEXAMETHASONE, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROXYPROGESTERONE, blood/ MALE/ METHODS/ PROTEIN BINDING/ TRANSCORTIN

[Radioimmunoassay for serum triiodothyronine and

METHOD SECTION

thyroxine, and its use in hyperthyroidism] Hehrmann R, et al. *Radiologie* 14:156-60, Apr 74 (Ger)
 ANTIBODIES, analysis/ BINDING, COMPETITIVE/ HUMAN/
 *HYPERTHYROIDISM, blood/
 HYPERTHYROIDISM, immunology/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ PROTEIN BINDING/ *RADIOIMMUNOASSAY/
 *THYROXINE, blood/ *TRIIODOTHYRONINE, blood

[Determination of steroid hormones by protein binding. Determination of cortisol and testosterone] Fonzo D, et al.

Minerva Med 65:1749-64, 28 Apr 74 (Eng. Abstr.) (Ita)
 BUFFERS/ CENTRIFUGATION/
 CHROMATOGRAPHY/ CORTICOSTERONE, blood/ ELECTROMAGNETICS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/
 *HYDROCORTISONE, blood/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ MALE/ METHODS/ PROTEIN BINDING/ SCINTILLATION COUNTERS/
 *TESTOSTERONE, blood

RADIOIMMUNOASSAY

Development of a radioimmunoassay for 5 alpha-androst-16-en-3-one in pig peripheral plasma. Andresen O. *Acta Endocrinol (Kbh)* 76:377-87, Jun 74
 ANDROSTENEDIONE/ *ANDROSTENES, blood/
 ANIMAL EXPERIMENTS/ ANTIBODIES/
 BINDING SITES, ANTIBODY/ CASTRATION/
 CHROMATOGRAPHY, THIN LAYER/ CROSS REACTIONS/ FEMALE/ IMMUNE SERUMS/
 MALE/ METHODS/ RABBITS, immunology/
 RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ SWINE/ TIME FACTORS/ TRITIUM

A cost reductive method for the radioimmunoassay of plasma androstenedione. A comparison of antisera and the effects of chromatography. Hennam JF, et al. *Acta Endocrinol (Kbh)* 76:597-607, Jul 74
 AMMONIUM SULFATE/ *ANDROSTENEDIONE, blood/ AZO COMPOUNDS/ CALCIUM/
 COMPARATIVE STUDY/ CROSS REACTIONS/
 ETHERS/ EVALUATION STUDIES/ GEL FILTRATION/ HUMAN/ IMMUNE SERUMS/
 METHODS/ *RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ SUCCINATES/
 SULFATES/ TRITIUM

Homologous radioimmunoassay of thyrotrophin in rat plasma. Kieffer JD, et al.
Acta Endocrinol (Kbh) 76:495-505, Jul 74
 ANIMAL EXPERIMENTS/ ANTIBODIES/
 CROSS REACTIONS/ DEPRESSION,
 CHEMICAL/ FSH, blood/ GAMMA GLOBULIN/
 GEL FILTRATION/ GOATS, immunology/
 GONADS, physiology/ IODINE RADIOISOTOPES/ LH, blood/ MALE/
 METHODS/ PROLACTIN, blood/ RABBITS, immunology/
 RADIOIMMUNOASSAY/
 STIMULATION, CHEMICAL/ *THYROTROPIN, blood/ *THYROTROPIN RELEASING HORMONE, pharmacodynamics/ *THYROXINE, pharmacodynamics

A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids. Nieschlag E, et al.
Acta Endocrinol (Kbh) 76:556-69, Jul 74
 *ADRENAL GLANDS, drug effects/
 ADRENALECTOMY/ ALDOSTERONE, blood/
 *ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/
 CELL NUCLEUS/
 *DEHYDROEPIANDROSTERONE, pharmacodynamics/ ESTRADIOL, blood/
 *ESTRADIOL, pharmacodynamics/ FEEDBACK/
 *GONADS, drug effects/ HYDROCORTISONE, blood/ *HYDROCORTISONE, pharmacodynamics/
 *HYPOTHALAMUS, drug effects/ IMMUNIZATION/ LEYDIG CELLS, cytology/ MALE/ METHODS/ *PITUITARY GLAND, drug effects/ PROTEIN BINDING/
 RADIOIMMUNOASSAY/ STANOLONE, blood/
 *STANOLONE, pharmacodynamics/

TESTOSTERONE, blood/ *TESTOSTERONE, pharmacodynamics

A simplified and rapid direct method for the determination of triiodothyronine in human serum. Vasiliades J, et al. *Ala J Med Sci* 10:439-44, Oct 73
 ANILINO NAPHTHALENESULFONATES/
 HUMAN/ METHODS/ RADIOIMMUNOASSAY/
 THYROXINE-BINDING PROTEIN/
 *TRIIODOTHYRONINE, blood

Plasma corticotropin radioimmunoassay, with use of fuller's earth for extraction. Horgan ED, et al.

Clin Chem 20:682-6, Jun 74
 ADDISON'S DISEASE, blood/ *ALUMINUM SILICATES/ *CORTICOTROPIN, blood/
 DEXAMETHASONE, therapeutic use/ GEL FILTRATION/ HYPOPHYSECTOMY/ IODINE RADIOISOTOPES/ KAOLIN/ *MAGNESIUM/
 METHODS/ RADIOIMMUNOASSAY/
 THYMOMA, blood

Radioimmunoassay of insulin, with use of an immunosorbent. Velasco CA, et al.

Clin Chem 20:700-2, Jun 74
 ANTIGEN-ANTIBODY REACTIONS/
 DEXTRAN/ *INSULIN, analysis/ IODINE RADIOISOTOPES/ METHODS/
 RADIOIMMUNOASSAY

The measurement of total plasma insulin and insulin antibody levels in diabetic children. Dunlop M, et al. *Clin Chim Acta* 52:353-9, 17 May 74

CHARCOAL/ COMPARATIVE STUDY/
 *DIABETES MELLITUS, JUVENILE, blood/
 EVALUATION STUDIES/ FASTING/ FEMALE/
 FOLLOW-UP STUDIES/ HUMAN/ *INSULIN, blood/
 *INSULIN ANTIBODIES, analysis/
 IODINE RADIOISOTOPES/ MALE/ METHODS/
 RADIOIMMUNOASSAY

Triiodothyronine radioimmunoassay: a study of the interactions of T3 with anti-T3 antisera and with thyroxine binding globulin in the presence of ANS (ammonium-8-anilino naphthalene-1-sulfonate).

Malkus H, et al. *Clin Chim Acta* 51:191-8, 15 Mar 74
 ANILINO NAPHTHALENESULFONATES/
 CATTLE/ COMPARATIVE STUDY/
 EVALUATION STUDIES/ FEMALE/ GOATS, immunology/
 HUMAN/ HYPERTHYROIDISM, diagnosis/
 HYPOTHYROIDISM, diagnosis/
 IODINE RADIOISOTOPES/ KINETICS/
 METHODS/ PREGNANCY/ PROTEIN BINDING/ RABBITS, immunology/
 RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ *THYROXINE-BINDING PROTEIN, analysis/
 *TRIIODOTHYRONINE, analysis

Plasma corticotrophin levels during insulin-hypoglycaemia: comparison of radioimmunoassay and cytochemical bioassay.

Fleisher MR, et al.
Clin Endocrinol (Oxf) 3:203-8, Apr 74
 ADRENAL GLANDS, physiology/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/
 *CORTICOTROPIN, blood/ CROSS REACTIONS/ EVALUATION STUDIES/
 FASTING/ HUMAN/ *HYPOGLYCEMIA, blood/
 HYPOGLYCEMIA, chemically induced/
 HYPOTHALAMUS, physiology/ INSULIN/
 IODINE RADIOISOTOPES/ METHODS/
 PITUITARY GLAND, physiology/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ TIME FACTORS

Radioimmunoassay of plasma testosterone. Forti G, et al. *Clin Endocrinol (Oxf)* 3:5-17, Jan 74

AGE FACTORS/ BINDING SITES/
 CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FEMALE/
 HUMAN/ HYPOGONADISM, blood/
 IMPOTENCE, blood/ MALE/ MATHEMATICS/
 MENSTRUATION/ METHODS/
 MICROCHEMISTRY/ RABBITS, immunology/
 RADIOIMMUNOASSAY/ SERUM ALBUMIN/
 *TESTOSTERONE, blood/ TIME FACTORS/
 TRITIUM

Validation of the redox cytochemical assay for corticotrophin. Holdaway IM, et al.

METHOD SECTION

- Clin Endocrinol (Oxf)** 3:329-34, Jul 74
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ *CORTICOTROPIN, blood/ CROSS REACTIONS/ HALF-LIFE/ HISTOCYTOCHEMISTRY/ HUMAN/ METHODS/ NEUTRALIZATION TESTS/ OXIDATION-REDUCTION/ RABBITS, immunology/ RADIOIMMUNOASSAY
- Radioimmunoassay of rabbit growth hormone. McIntyre HB, et al. **Endocrinology** 94:1568-76, Jun 74
ANIMAL EXPERIMENTS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDROGEN PEROXIDE/ IODINE RADIOISOTOPES/ MACACA, immunology/ METHODS/ MOLECULAR WEIGHT/ PEROXIDASES/ RABBITS/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood
- Measurement of and correction for incubation damage in radioimmunoassay. Orskov H, et al. **Eur J Clin Invest** 4:207-11, Jun 74
HUMAN/ *INSULIN, blood/ METHODS/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood
- Radioimmunoassay of thyroxine in unextracted serum. Meinhold H, et al. **Horm Metab Res** 6:169-70, Mar 74
ANILINO NAPHTHALENESULFONATES/ BINDING, COMPETITIVE/ BINDING SITES/ CATTLE/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ HUMAN/ IODINE RADIOISOTOPES/ METHODS/ OVALBUMIN/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ RADIOLIGAND ASSAY/ SERUM ALBUMIN/ SERUM ALBUMIN, BOVINE/ *THYROXINE, blood/ TRIIODOTHYRONINE, blood
- Report of the National Pituitary Agency. Collaborative study of the radioimmunoassay of human prolactin. Aubert ML, et al. **J Clin Endocrinol Metab** 38:1115-20, Jun 74
CHLORAMINES/ IMMUNE SERUMS/ INDICATORS AND REAGENTS/ IODINE/ IODINE RADIOISOTOPES/ METHODS/ *PROLACTIN, analysis/ RADIOIMMUNOASSAY
- Measurement of prolactin in milk by radioimmunoassay. Malven PV, et al. **J Dairy Sci** 57:411-5, Apr 74
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ FEMALE/ FREEZING/ GOATS/ IODINE RADIOISOTOPES/ METHODS/ *MILK, analysis/ *PROLACTIN, analysis/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SHEEP/ SPECIES SPECIFICITY/ SPECIMEN HANDLING/ TIME FACTORS
- A re-examination of the tadpole in metamorphic stasis as a recipient in a bioassay for thyroid-stimulating hormone. Ching M. **J Endocrinol** 61:15-9, Apr 74
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ FROGS/ HINDLIMB, drug effects/ IMMUNE SERUMS/ IODINE RADIOISOTOPES/ LARVA, drug effects/ LH, analysis/ *METAMORPHOSIS, BIOLOGICAL, drug effects/ METHODS/ RADIOIMMUNOASSAY/ RANA PIPIENS/ SOMATOTROPIN, analysis/ *THYROTROPIN, analysis/ THYROTROPIN, pharmacodynamics
- Ultrastructural immunocytochemical localization of prolactin in rat anterior pituitary by use of the unlabeled antibody enzyme method. Parsons JA, et al. **J Histochem Cytochem** 22:340-51, May 74
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ ESTRADIOL/ EVALUATION STUDIES/ FEMALE/ GOATS, immunology/ IMMUNE SERUMS/ IODINE ISOTOPES, DIAGNOSTIC/ LH/ METHODS/ MICROSCOPY, ELECTRON/ PEROXIDASES/ *PITUITARY GLAND, analysis/ PITUITARY GLAND, cytology/ *PROLACTIN, analysis/ RABBITS, immunology/ RADIOIMMUNOASSAY/ RATS/ SHEEP, immunology/ STAINS AND STAINING
- An overnight radioimmunoassay for human luteinizing hormone. Brown LP, et al. **J Lab Clin Med** 84:129-33, Jul 74
FEMALE/ HUMAN/ IMMUNE SERUMS/ IODINE RADIOISOTOPES/ *LH, blood/ METHODS/ RABBITS, immunology/ *RADIOIMMUNOASSAY/ TEMPERATURE/ TIME FACTORS
- Determination of progesterone in human plasma by radioimmunoassay. Calabresi E, et al. **J Nucl Biol Med** 18:30-7, Jan-Mar 74
FEMALE/ HUMAN/ MALE/ MENSTRUATION/ METHODS/ *PROGESTERONE, blood/ *RADIOIMMUNOASSAY
- Rate of inactivation of adenylyl cyclase and phosphodiesterase: determinants of brain cyclic AMP. Jones DJ, et al. **Life Sci** 14:1577-85, 16 Apr 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, enzymology/ *BRAIN CHEMISTRY/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FLUORIDES, pharmacodynamics/ FREEZING/ INSECTS, enzymology/ LUCIFERASE/ LUMINESCENCE/ MALE/ METHODS/ MICROWAVES/ NITROGEN/ *PHOSPHODIESTERASES, metabolism/ RADIOIMMUNOASSAY/ RATS/ TIME FACTORS/ TRITIUM
- The distribution of prostaglandins A, E, and F in the human kidney. Spector D, et al. **Prostaglandins** 6:263-70, 10 May 74
ADULT/ ANIMAL EXPERIMENTS/ CHILD/ DOGS/ FREEZING/ HUMAN/ *KIDNEY, analysis/ MALE/ METHODS/ ORGAN CULTURE/ *PROSTAGLANDINS, analysis/ RABBITS/ RADIOIMMUNOASSAY/ TIME FACTORS/ URETER, analysis
- Simultaneous radioimmunoassay of testosterone and dihydrotestosterone. Barberia JM, et al. **Steroids** 23:757-66, May 74
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ CASTRATION/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ MENOPAUSE/ MENSTRUATION/ METHODS/ MICROCHEMISTRY/ OVARY, physiology/ OVULATION/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SILICA/ *STANOLONE, blood/ *TESTOSTERONE, blood/ TIME FACTORS/ TRITIUM
- Solid phase radioimmunoassay of plasma aldosterone. Bizollon CA, et al. **Steroids** 23:809-21, Jun 74
*ALDOSTERONE, blood/ CELLULOSE/ CHROMATOGRAPHY, PAPER/ CROSS REACTIONS/ EVALUATION STUDIES/ HUMAN/ METHODS/ OXIMES/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ TRITIUM
- A simple radioimmunoassay of plasma testosterone without column chromatography. Castro A, et al. **Steroids** 23:625-38, May 74
ALUMINUM/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ METHODS/ MICROCHEMISTRY/ OXIMES/ PROTEIN BINDING/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ *TESTOSTERONE, blood/ TRITIUM
- The determination in human males of specific testosterone and 5alpha-dihydrotestosterone binding to sex hormone binding globulin by a differential dissociation technique. Horst HJ, et al. **Steroids** 23:833-44, Jun 74
AGING/ ANDROGENS, metabolism/ BINDING, COMPETITIVE/ CARCINOMA, drug therapy/ CARCINOMA, metabolism/ ESTROGENS, metabolism/ ESTROGENS, therapeutic use/

METHOD SECTION

HUMAN/ HYDROCORTISONE, metabolism/
MALE/ METHODS/ PROSTATECTOMY/
PROSTATIC HYPERTROPHY, metabolism/
PROSTATIC NEOPLASMS, drug therapy/
PROSTATIC NEOPLASMS, metabolism/
PROTEIN BINDING/ RADIOIMMUNOASSAY/
SERUM GLOBULINS, metabolism/
*STANOLONE, blood/ *TESTOSTERONE,
blood/ TIME FACTORS/ TRITIUM

Preparation of 6 alpha- and 6 beta-carboxymethyl
steroid conjugates and their use in radioimmunoassay
for progesterone. Jones CD, et al.

Steroids 23:323-36, Mar 74

AMIDES, chem synthesis/ ANTIBODY
SPECIFICITY/ CATTLE/ CROSS REACTIONS/
ISOMERISM/ METHODS/ NUCLEAR
MAGNETIC RESONANCE/ *PROGESTERONE,
blood/ PROGESTERONE, metabolism/
PROTEIN BINDING/ RABBITS, immunology/
*RADIOIMMUNOASSAY/ SERUM ALBUMIN,
BOVINE, metabolism/ SPECTRUM ANALYSIS,
MASS/ TRITIUM

A non-chromatographic radioimmunoassay of estrone
and estradiol-17beta serum. Kushinsky S, et al.

Steroids 23:535-48, Apr 74

CHARCOAL/ CHROMATOGRAPHY, THIN
LAYER/ COMPARATIVE STUDY/ DEXTRAN/
*ESTRADIOL, blood/ ESTRIOL, blood/
*ESTRONE, blood/ EVALUATION STUDIES/
FEMALE/ HUMAN/ INDICATORS AND
REAGENTS/ MALE/ METHODS/
MICROCHEMISTRY/ RADIOIMMUNOASSAY/
TIME FACTORS/ TRITIUM

Radioimmunoassay of human plasma corticosterone:
method, measurement of episodic secretion and
adrenal suppression and stimulation. Nabors CJ Jr, et
al. Steroids 23:363-78, Mar 74

ADDISON'S DISEASE, blood/ ADRENAL
CORTEX HORMONES, pharmacodynamics/
*ADRENAL GLANDS, secretion/
ADRENALECTOMY/ ADULT/ ANTIBODY
SPECIFICITY/ CATTLE/ CHROMATOGRAPHY,
PAPER/ CIRCADIAN RHYTHM/
*CORTICOSTERONE, blood/
CORTICOSTERONE, metabolism/
CORTICOSTERONE, secretion/ CROSS
REACTIONS/ DEXAMETHASONE,
pharmacodynamics/ FEMALE/
FLUOROMETRY/ HUMAN/
HYDROCORTISONE, blood/
HYDROCORTISONE, secretion/ MALE/
METHODS/ MIDDLE AGE/ PROTEIN/
BINDING/ RABBITS, immunology/
*RADIOIMMUNOASSAY/ SERUM ALBUMIN,
BOVINE, metabolism/ SUCCINATES,
metabolism/ TIME FACTORS/ TRITIUM

Changes in plasma levels of estrone sulfate and estrone
in the pregnant ewe around parturition. Tsang CP.

Steroids 23:855-68, Jun 74

ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, THIN LAYER/
*ESTROGENIC SUBSTANCES, CONJUGATED,
blood/ *ESTRONE, blood/ ESTRONE, isolation
& purification/ FEMALE/ GEL FILTRATION/
*LABOR/ MALE/ METHODS/
RADIOIMMUNOASSAY/ SHEEP, immunology/
SHEEP, metabolism/ SULFURIC ACIDS,
blood/ TRITIUM

[Variations of 17 beta-estradiol concentration in
peripheral sheep blood in the course of the estrus
cycle] Terqui M, et al.

C R Acad Sci [D] (Paris) 277:1795-8, 29 Oct 73 (Fre)

ANIMAL EXPERIMENTS/ ANTIBODY
SPECIFICITY/ ANTIGEN-ANTIBODY
COMPLEX/ *ESTRADIOL, blood/ *ESTRUS/
FEMALE/ IMMUNE SERUMS/ METHODS/
RABBITS, immunology/
RADIOIMMUNOASSAY/ SHEEP/ TIME
FACTORS

[Method of radioimmunological determination of blood
thyroxine] Bellabarba D, et al.

Union Med Can 103:647-53, Apr 74 (Eng. Abstr.) (Fre)

ANTIBODY FORMATION/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/

HYPERTHYROIDISM, blood/
HYPERTHYROIDISM, diagnosis/
HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, diagnosis/ METHODS/
*RADIOIMMUNOASSAY/
SPECTROPHOTOMETRY/ *THYROXINE, blood

[Thyroxine (T4) determination by radioimmunological
method in dried blood eluate: new diagnostic method
of neonatal hypothyroidism?] Dussault JH, et al.

Union Med Can 102:2062-4, Oct 73 (Eng. Abstr.) (Fre)

ANALYSIS OF VARIANCE/ COMPARATIVE
STUDY/ ENGLISH ABSTRACT/ HUMAN/
HYPERTHYROIDISM, blood/
HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, diagnosis/ IN VITRO/
INFANT, NEWBORN, DISEASES, diagnosis/
METHODS/ RADIOIMMUNOASSAY/
*THYROXINE, blood/ TIME FACTORS

[The lipotropins (author's transl)] Schwandt P.
Klin Wochenschr 52:153-65, 15 Feb 74 (105 ref.) (Eng.
Abstr.) (Ger)

ADENYL CYCLASE, analysis/ ADIPOSE
TISSUE, drug effects/ ADIPOSE TISSUE,
enzymology/ ADIPOSE TISSUE, metabolism/
AMINO ACIDS, analysis/ ANIMAL
EXPERIMENTS/ CALCIUM, metabolism/
CHEMISTRY/ CROSS REACTIONS/ DUCKS/
ENGLISH ABSTRACT/ GLUCOSE, metabolism/
HUMAN/ IMMUNE SERUMS/ LIPID
MOBILIZATION/ LIPOTROPIN, analysis/
*LIPOTROPIN, isolation & purification/
LIPOTROPIN, metabolism/ LIPOTROPIN,
pharmacodynamics/ MAGNESIUM, metabolism/
METHODS/ MOLECULAR WEIGHT/
PHOSPHATES, metabolism/
PHOSPHODIESTERASES, analysis/ PITUITARY
HORMONES, ANTERIOR, physiology/
PROTEINS, metabolism/
RADIOIMMUNOASSAY/ REVIEW/ SHEEP/
SWINE

[Determination of thyroid hormone-induced metabolic
conditions using the T4 and T3 tests with reference to
radiolodine therapy] Grebe SF.

Radiologie 14:161-5, Apr 74 (Ger)

DIAGNOSTIC ERRORS/ FEMALE/ HUMAN/
HYPERTHYROIDISM, blood/
HYPOTHYROIDISM, blood/ IN VITRO/
IODINE, metabolism/ IODINE,
pharmacodynamics/ IODINE ISOTOPES,
DIAGNOSTIC/ *IODINE RADIOISOTOPES,
therapeutic use/ METHODS/ PROTEIN-BOUND
IODINE TEST/ RADIOIMMUNOASSAY/
THYROID DISEASES, drug therapy/
*THYROID GLAND, metabolism/ *THYROID
HORMONES, blood/ *THYROXINE, blood/
THYROXINE-BINDING PROTEIN/
*TRIIODOTHYRONINE, blood

[Radioimmunoassay for serum triiodothyronine and
thyroxine, and its use in hyperthyroidism] Hehrmann
R, et al. Radiologie 14:156-60, Apr 74 (Ger)

ANTIBODIES, analysis/ BINDING,
COMPETITIVE/ HUMAN/
*HYPERTHYROIDISM, blood/
HYPERTHYROIDISM, immunology/ IODINE
ISOTOPES, DIAGNOSTIC/ METHODS/
PROTEIN BINDING/ *RADIOIMMUNOASSAY/
*THYROXINE, blood/ *TRIIODOTHYRONINE,
blood

[Clinical results with a radioimmunologic
determination method for triiodothyronine] Hüfner
M, et al. Verh Dtsch Ges Inn Med 79:1226-7, 1973 (Ger)

FEMALE/ HUMAN/ HYPERTHYROIDISM,
diagnosis/ HYPOTHYROIDISM, diagnosis/
METHODS/ PREGNANCY/
RADIOIMMUNOASSAY/ *TRIIODOTHYRONINE,
analysis

[Application of the radioimmunoassay method to the
determination of insulin in human plasma] Toledo e
Souza IT de, et al.

Rev Assoc Med Bras 20:41-6, Jan 74 (Eng. Abstr.)

(Por)
CHROMATOGRAPHY/ ELECTROPHORESIS,
STARCH GEL/ ENGLISH ABSTRACT/
HUMAN/ *INSULIN, blood/ IODINE

METHOD SECTION

RADIOISOTOPES/ METHODS/ *RADIOIMMUNOASSAY

[Direct radioimmunoassay of serum thyroxine (author's transl)] Beltrán M, et al.
Rev Invest Clin 26:125-31, Apr-Jun 74 (Eng. Abstr.) (Spa)

ANIMAL EXPERIMENTS/ ENGLISH
ABSTRACT/ HUMAN/ METHODS/
*RADIOIMMUNOASSAY/ *THYROID
DISEASES, blood/ *THYROXINE, blood

STANDARDS

Approximate confidence limits for the concentration of insulin in radioimmunoassay. Brown M, et al.
Diabetologia 10:23-5, Feb 74
BIOMETRY/ COMPUTERS/ *INSULIN, blood/
METHODS/ MODELS, THEORETICAL/
QUALITY CONTROL/ *RADIOIMMUNOASSAY,
standards/ STATISTICS

RADIOISOTOPE DILUTION TECHNIC

Assay of cyclic AMP by an isotope dilution test with binding protein. Wunderwald P, et al.
Anal Biochem 59:468-81, Jun 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE, metabolism/
ANIMAL EXPERIMENTS/ BINDING SITES/
COMPUTERS, DIGITAL/ EVALUATION
STUDIES/ MATHEMATICS/ METHODS/
MODELS, CHEMICAL/ *MUSCLE PROTEINS,
metabolism/ PROTEIN BINDING/ PROTEIN
KINASE, metabolism/ RADIOISOTOPE
DILUTION TECHNIC/ TRITIUM

RADIOLIGAND ASSAY

Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. Spathis GS, et al.
Clin Endocrinol (Oxf) 3:175-86, Apr 74
ACROMEGALY, metabolism/ AUTOANALYSIS/
BLOOD SUGAR, metabolism/
CORTICOTROPIN, blood/ CORTICOTROPIN,
metabolism/ *CORTICOTROPIN, secretion/
EVALUATION STUDIES/ FATTY ACIDS,
NONESTERIFIED, blood/ FEMALE/
*GLUCAGON, diagnostic use/ GLYCERIN,
blood/ HUMAN/ HYDROCORTISONE, blood/
HYPOGLYCEMIA, metabolism/ INSULIN,
diagnostic use/ MALE/ METHODS/
PITUITARY GLAND, metabolism/
*PITUITARY GLAND, secretion/ PITUITARY
NEOPLASMS, metabolism/ PROTEIN
BINDING/ RADIOLIGAND ASSAY/
SOMATOTROPIN, blood/ SOMATOTROPIN,
metabolism/ *SOMATOTROPIN, secretion/
TIME FACTORS

Radioimmunoassay of thyroxine in unextracted serum.
Meinhold H, et al. Horm Metab Res 6:169-70, Mar 74
ANILINO NAPHTHALENESULFONATES/
BINDING, COMPETITIVE/ BINDING SITES/
CATTLE/ COMPARATIVE STUDY/ CROSS
REACTIONS/ EVALUATION STUDIES/
HUMAN/ IODINE RADIOISOTOPES/
METHODS/ OVALBUMIN/ PROTEIN
BINDING/ RADIOIMMUNOASSAY/
RADIOLIGAND ASSAY/ SERUM ALBUMIN/
SERUM ALBUMIN, BOVINE/ *THYROXINE,
blood/ TRIIODOTHYRONINE, blood

Measurement of a progestational and antiandrogenic compound by a competitive protein binding assay.
Jagarinec N, et al. Steroids 23:561-78, Apr 74
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ BINDING, COMPETITIVE/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
THIN LAYER/ COMPARATIVE STUDY/
CROSS REACTIONS/ DOGS/ DRUG
STABILITY/ EVALUATION STUDIES/
FEMALE/ GUINEA PIGS/ HUMAN/ MALE/
MEDROGESTONE, administration & dosage/
MEDROGESTONE, blood/ METHODS/
*PREGNADIENES, blood/ PREGNANCY/
*PROGESTATIONAL HORMONES, blood/
PROGESTERONE/ PROTEIN BINDING/

RADIOLIGAND ASSAY/ SILICA/ TEMPERATURE/ TIME FACTORS/ TRITIUM

SECRETORY RATE

Effect of alloxan on insulin secretion in isolated rat islets perfused in vitro. Tomita T, et al.
Diabetes 23:517-24, Jun 74
ALLOXAN, antagonists & inhibitors/
*ALLOXAN, pharmacodynamics/ ANIMAL
EXPERIMENTS/ CULTURE MEDIA/
FRUCTOSE, pharmacodynamics/ GALACTOSE,
pharmacodynamics/ GLUCOSE, antagonists &
inhibitors/ GLUCOSE, pharmacodynamics/
HYDROGEN-ION CONCENTRATION/ IN
VITRO/ *INSULIN, secretion/ *ISLANDS OF
LANGERHANS, drug effects/ ISLANDS OF
LANGERHANS, secretion/ MALE/ MANNOSE,
pharmacodynamics/ METHODS/ PERFUSION/
SECRETORY RATE/ TEMPERATURE/
TOLBUTAMIDE, pharmacodynamics

Variations in the excretion patterns of some metabolites of cortisol as affecting measurement of its secretion rate. Beale RN, et al.
Steroids 23:455-67, Mar 74

ADULT/ AMMONIA/ AMMONIUM SULFATE/
CHROMATES/ CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, ION EXCHANGE/
FEMALE/ HUMAN/ HYDROCORTISONE,
secretion/ *HYDROCORTISONE, urine/
HYDROLYSIS/ MALE/ METHODS/ MIDDLE
AGE/ NITROGEN/ OXIDATION-REDUCTION/
SECRETORY RATE/ STEREOISOMERS/ TIME
FACTORS

SPECTROMETRY, FLUORESCENCE

Continuous nephelometric monitoring of glycosaminoglycans eluted from chromatographic columns. Blau K, et al. Anal Biochem 58:650-4, Apr 74
AUTOANALYSIS/ CHILD, PRESCHOOL/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ DENSITOMETRY/
EVALUATION STUDIES/ FEMALE/ HUMAN/
LIPOCHONDRODYSTROPHY, urine/
METHODS/ *MUCOPOLYSACCHARIDES,
analysis/ MUCOPOLYSACCHARIDES, urine/
SPECTROMETRY, FLUORESCENCE

Fluorometric analysis. Weissler A.
Anal Chem 46:500R-521R, Apr 74 (999 ref.)
ALKALOIDS, analysis/ AMINES, analysis/
AMINO ACIDS, analysis/ BODY FLUIDS,
analysis/ DANSYL COMPOUNDS, analysis/
DOSAGE FORMS/ ENZYMES, analysis/
*HORMONES, analysis/ METALS, analysis/
METHODS/ NUCLEIC ACIDS, analysis/
PESTICIDES, analysis/ PHARMACEUTIC AIDS,
analysis/ PROTEINS, analysis/ REVIEW/
*SPECTROMETRY, FLUORESCENCE/
SPECTROMETRY, FLUORESCENCE,
instrumentation/ STEROIDS, analysis/
VITAMINS, analysis

Letter: Potential source of error in fluorometric analysis of dopamine. Greenland RD, et al.
Clin Chem 20:915, Jul 74
BUFFERS/ COMPARATIVE STUDY/
*DOPAMINE, analysis/ EVALUATION
STUDIES/ METHODS/ PHOSPHATES/
POTASSIUM/ SODIUM/ SPECTROMETRY,
FLUORESCENCE

The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats.
Zuccarello WA, et al. Steroids 23:443-54, Mar 74
ACETYLATION/ ADRENAL CORTEX
HORMONES, analysis/ ADRENAL CORTEX
HORMONES, biosynthesis/ *ADRENAL
CORTEX HORMONES, secretion/ ADRENAL
GLANDS, drug effects/ ADRENAL GLANDS,
metabolism/ *ADRENAL GLANDS, secretion/
ALDOSTERONE, biosynthesis/ ALDOSTERONE,
secretion/ ALKANES/ ANILINE COMPOUNDS,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BUTANONES, pharmacodynamics/
CHROMATOGRAPHY, GAS/
CORTICOSTERONE, secretion/ DEPRESSION,
CHEMICAL/ DESOXYCORTICOSTERONE,

METHOD SECTION

isolation & purification/
DESOXYCORTICOSTERONE, secretion/ DIET/
HYDROXYCORTICOSTEROIDS, secretion/ IN
VITRO/ KINETICS/ LACTONES, metabolism/
MALE/ METHODS/ NAPHTHALENES,
pharmacodynamics/ PHENETHYLAMINES,
pharmacodynamics/ PYRIDINES,
pharmacodynamics/ RATS/ *SODIUM,
physiology/ SOLVENTS/ SPECTROMETRY,
FLUORESCENCE/ TIME FACTORS

[Improvement of fluorimetric estimation of delta 4-3-ketosteroids by means of lithium hydroxide reaction for analysis at the nanogram level (author's transl)] Kaplan HG, et al.

Clin Chim Acta 51:113-7, 15 Mar 74 (Eng. Abstr.) (Ger)
COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ EVALUATION STUDIES/
HYDROCORTISONE, analysis/
*KETOSTEROIDS, analysis/ LITHIUM/
METHODS/ MICROCHEMISTRY/
PROGESTERONE, analysis/ SPECTROMETRY,
FLUORESCENCE/ SPECTROMETRY,
FLUORESCENCE, instrumentation/
TESTOSTERONE, analysis

[Various applications of fluorometry in biochemical methodology] Díaz Borges JM, et al.

Acta Cient Venez 23:Suppl:97-100, 1972 (Eng. Abstr.) (Spa)

*CATECHOLAMINES, analysis/ ENGLISH
ABSTRACT/ HUMAN/ METHODS/
*MONOAMINE OXIDASE, analysis/
*SPECTROMETRY, FLUORESCENCE/
*VITAMIN A, analysis

INSTRUMENTATION

Fluorometric analysis. Weissler A.

Anal Chem 46:500R-521R, Apr 74 (999 ref.)
ALKALOIDS, analysis/ AMINES, analysis/
AMINO ACIDS, analysis/ BODY FLUIDS,
analysis/ DANSYL COMPOUNDS, analysis/
DOSAGE FORMS/ ENZYMES, analysis/
*HORMONES, analysis/ METALS, analysis/
METHODS/ NUCLEIC ACIDS, analysis/
PESTICIDES, analysis/ PHARMACEUTIC AIDS,
analysis/ PROTEINS, analysis/ REVIEW/
*SPECTROMETRY, FLUORESCENCE/
SPECTROMETRY, FLUORESCENCE,
instrumentation/ STEROIDS, analysis/
VITAMINS, analysis

[Improvement of fluorimetric estimation of delta 4-3-ketosteroids by means of lithium hydroxide reaction for analysis at the nanogram level (author's transl)] Kaplan HG, et al.

Clin Chim Acta 51:113-7, 15 Mar 74 (Eng. Abstr.) (Ger)
COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ EVALUATION STUDIES/
HYDROCORTISONE, analysis/
*KETOSTEROIDS, analysis/ LITHIUM/
METHODS/ MICROCHEMISTRY/
PROGESTERONE, analysis/ SPECTROMETRY,
FLUORESCENCE/ SPECTROMETRY,
FLUORESCENCE, instrumentation/
TESTOSTERONE, analysis

SPECTROPHOTOMETRY

[Method of radioimmunological determination of blood thyroxine] Bellabarba D, et al.

Union Med Can 103:647-53, Apr 74 (Eng. Abstr.) (Fre)
ANTIBODY FORMATION/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/
HYPERTHYROIDISM, blood/
HYPERTHYROIDISM, diagnosis/
HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, diagnosis/ METHODS/
*RADIOIMMUNOASSAY/
SPECTROPHOTOMETRY/ *THYROXINE, blood

SPECTROPHOTOMETRY, ULTRAVIOLET

Separation of prostaglandin A2 and prostaglandin B2 by ion-exchange liquid chromatography. Morozowich W.
J Pharm Sci 63:800-2, May 74
CELLULOSE/ CHROMATOGRAPHY, ION

EXCHANGE/ METHODS/ *PROSTAGLANDINS,
isolation & purification/
SPECTROPHOTOMETRY, ULTRAVIOLET

Identification and determination of synthetic estrogens in pharmaceuticals by high-speed, reversed-phase partition chromatography. Roos RW.
J Pharm Sci 63:594-9, Apr 74

CHLOROTRIANISENE, analysis/
CHROMATOGRAPHY/ DIETHYLSTILBESTROL,
analysis/ DOSAGE FORMS/ *ESTROGENS,
analysis/ ESTROGENS, radiation effects/
HEXESTROL, analysis/ HYDROLYSIS/
METHODS/ PHOTOCHEMISTRY/ SOLVENTS/
SPECTROPHOTOMETRY, ULTRAVIOLET/
STILBENES, analysis/ SUPPOSITORIES,
analysis/ TABLETS, analysis/ ULTRAVIOLET
RAYS

Prostaglandins of rat testis. Carpenter MP.
Lipids 9:397-406, Jun 74

ANIMAL EXPERIMENTS/ BUFFERS/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
GAS/ CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/ MALE/
METHODS/ PHOSPHATES/
*PROSTAGLANDINS, analysis/ SILICA/
SPECTROPHOTOMETRY, ULTRAVIOLET/
*TESTIS, analysis/ TIME FACTORS/ TRITIUM

SPECTRUM ANALYSIS, MASS

Preparation of 6 alpha- and 6 beta-carboxymethyl steroid conjugates and their use in radioimmunoassay for progesterone. Jones CD, et al.

Steroids 23:323-36, Mar 74
AMIDES, chem synthesis/ ANTIBODY
SPECIFICITY/ CATTLE/ CROSS REACTIONS/
ISOMERISM/ METHODS/ NUCLEAR
MAGNETIC RESONANCE/ *PROGESTERONE,
blood/ PROGESTERONE, metabolism/
PROTEIN BINDING/ RABBITS, immunology/
*RADIOIMMUNOASSAY/ SERUM ALBUMIN,
BOVINE, metabolism/ SPECTRUM ANALYSIS,
MASS/ TRITIUM

[Qualitative and quantitative analysis of 17-ketosteroids and 20-hydroxy-21-deoxysteroids in urine by gas-liquid chromatography and mass spectrum analysis] Desgres J, et al.

Clin Chim Acta 52:381-405, 17 May 74 (Eng. Abstr.) (Fre)

*ANDROSTANES, urine/ ANDROSTERONE,
urine/ CHROMATOGRAPHY, GAS/
COMPARATIVE STUDY/
DEHYDROEPIANDROSTERONE, urine/
ENGLISH ABSTRACT/ EVALUATION
STUDIES/ HUMAN/ HYDROXYSTEROIDS,
urine/ *17-KETOSTEROIDS, urine/
KETOSTEROIDS, isolation & purification/
METHODS/ PREGNANEDIOL, urine/
*PREGNANES, urine/ PREGNANETRIOL,
urine/ SNAILS, enzymology/ SPECTRUM
ANALYSIS, MASS/ STEREOISOMERS

STATISTICS

Approximate confidence limits for the concentration of insulin in radioimmunoassay. Brown M, et al.

Diabetologia 10:23-5, Feb 74
BIOMETRY/ COMPUTERS/ *INSULIN, blood/
METHODS/ MODELS, THEORETICAL/
QUALITY CONTROL/ *RADIOIMMUNOASSAY,
standards/ STATISTICS

[Treatment of primary lipoproteinemia type IIa and IIb with highly purified dextro-thyroxine (D-T4). Controlled study in ambulant conditions] Klemens UH, et al.

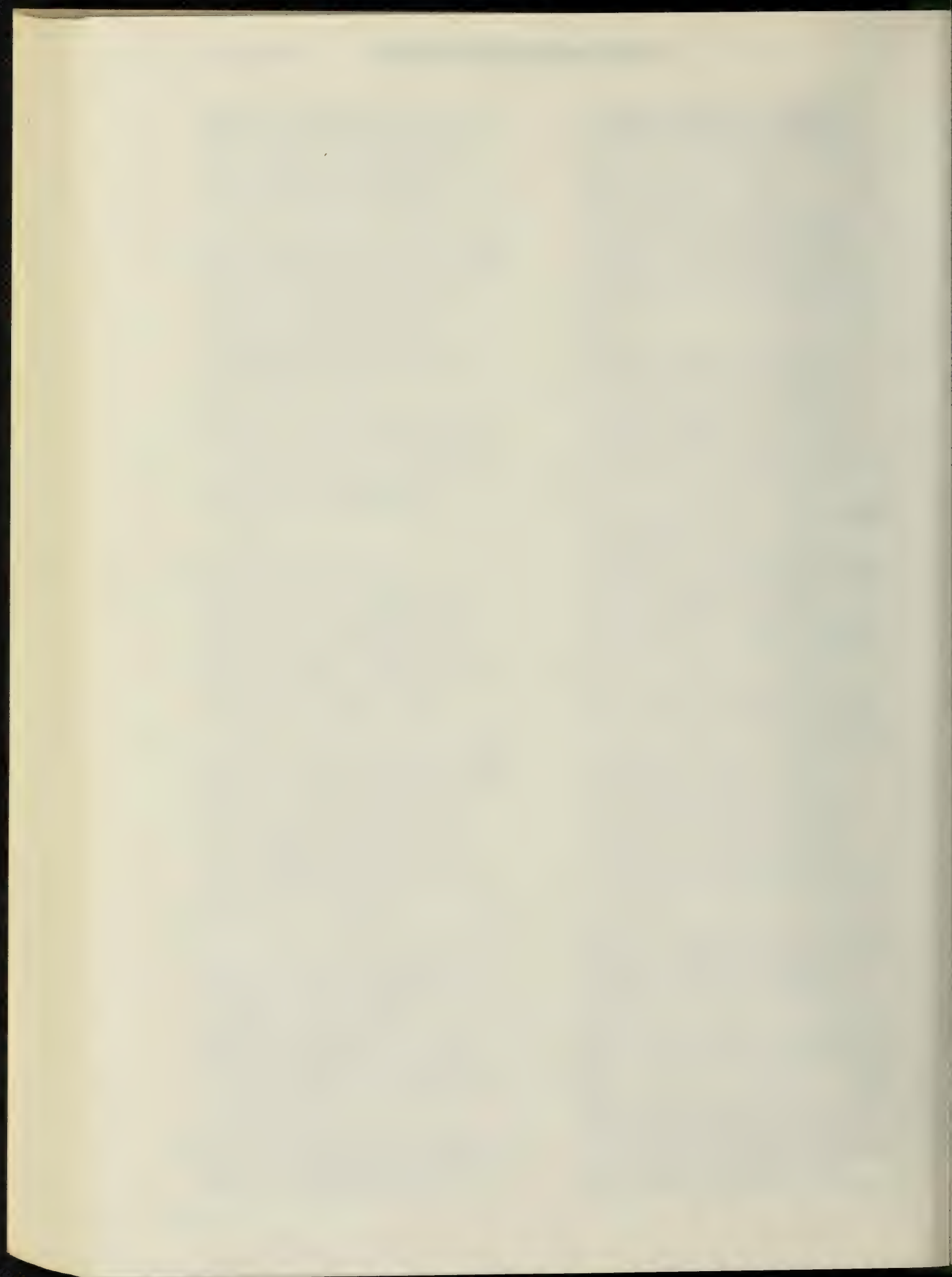
Dtsch Med Wochenschr 99:487-93, 15 Mar 74 (Eng. Abstr.) (Ger)

ADMINISTRATION, ORAL/ *AMBULATORY
CARE/ ANGINA PECTORIS, drug therapy/
ANIMAL EXPERIMENTS/ BODY WEIGHT/
CHOLESTEROL, blood/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA,
drug therapy/ HYPERCHOLESTEREMIA,
pathology/ *LIPOPROTEINS, LDL, blood/
MALE/ METHODS/ PLACEBOS/ STATISTICS/

METHOD SECTION

STATISTICS

THYROXINE, administration & dosage/
THYROXINE, isolation & purification/
*THYROXINE, therapeutic use/ TIME
FACTORS/ TRIGLYCERIDES, blood



AUTHOR SECTION

A

1. : Classic pages in Obstetrics and Gynecology. Interstitial cell stimulating hormone. II. Method of preparation and some physico-chemical studies, by Choh Hao Li, Miriam E. Simpson, and Herbert M. Evans. Endocrinology, vol. 27, pp. 803-808, 1940. Am J Obstet Gynecol 17:716, 1 Nov 73
ANIMAL EXPERIMENTS/ *ENDOCRINOLOGY, history/ GYNECOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ *LH/ *LH, pharmacodynamics/ METHODS/ OBSTETRICS, history/ UNITED STATES
2. Aalto M, Rönnemaa T, Kulonen E: Effect of neuraminidase on the synthesis of collagen and other proteins. Biochim Biophys Acta 342:247-53, 11 Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CELLULOSE/ CHICK EMBRYO/ *COLLAGEN, biosynthesis/ DACTINOMYCIN, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBROBLASTS, drug effects/ FIBROBLASTS, metabolism/ GRANULATION TISSUE, drug effects/ *GRANULATION TISSUE, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ *NEURAMINIDASE, pharmacodynamics/ PROLINE/ PROTEINS, biosynthesis/ RATS/ TENDONS, drug effects/ *TENDONS, metabolism/ TIME FACTORS/ TRITIUM/ VIBRIO COMMA, enzymology
3. Aaron J, Gallagher JC, Nordin BE: Letter: Osteomalacia. Lancet 1:939, 11 May 74
BIOPSY/ BONE AND BONES, analysis/ BONE AND BONES, pathology/ CALCIUM, analysis/ FEMORAL NECK FRACTURES, etiology/ HUMAN/ OSTEOMALACIA, metabolism/ *OSTEOMALACIA, pathology/ PHOSPHORUS, analysis
4. Abbrederis K, Michlmayr G, Schmalz F: Akute lymphatische Leukämie des Erwachsenen. Therapie und Prognose im Vergleich zur akuten myelogenen Leukämie. Med Klin 69:427-31, 8 Mar 74 (Ger)
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ASPARAGINASE, therapeutic use/ COMPARATIVE STUDY/ CYTARABINE, therapeutic use/ DAUNOMYCIN, adverse effects/ DAUNOMYCIN, therapeutic use/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LEUKEMIA, LYMPHOBLASTIC, radiotherapy/ *LEUKEMIA, LYMPHOBLASTIC, therapy/ LEUKEMIA, MYELOBLASTIC, drug therapy/ LEUKEMIA, MYELOBLASTIC, radiotherapy/ *LEUKEMIA, MYELOBLASTIC, therapy/ MALE/ MERCAPTOPYRINE, therapeutic use/ METHOTREXATE, therapeutic use/ METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ PARESIS, chemically induced/ PROGNOSIS/ RADIOTHERAPY DOSAGE/ REMISSION/ VINCRISTINE, therapeutic use
5. Abbruzzese AA: Retrograde cholangiography and sclerosing cholangitis. Am J Dig Dis 19:571-4, Jun 74
ADULT/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BARIUM SULFATE, diagnostic use/ *CHOLANGIOGRAPHY/ CHOLANGITIS, diagnosis/ CHOLANGITIS, drug therapy/ *CHOLANGITIS, radiography/ CHOLESTEROL, blood/ COLITIS, ULNERATIVE, complications/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MALE/ METHODS/ PREDNISONE, therapeutic use/ *SCLEROSIS, complications
6. Abdel-Latif AA, Yau SJ, Smith JP: Effect of neurotransmitters on phospholipid metabolism in rat cerebral-cortex slices: cellular and subcellular distribution. J Neurochem 22:383-93, Mar 74
*ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CEREBRAL CORTEX, cytology/ CEREBRAL CORTEX, drug effects/ *CEREBRAL CORTEX, metabolism/ CHOLINE, metabolism/ CHROMATOGRAPHY, THIN LAYER/ *DOPAMINE, pharmacodynamics/ IN VITRO/ LECITHINS, biosynthesis/ NEUROGLIA, drug effects/ NEUROGLIA, metabolism/ *NOREPINEPHRINE, pharmacodynamics/ PHOSPHATES, metabolism/ PHOSPHOINOSITIDES, biosynthesis/ *PHOSPHOLIPIDS, biosynthesis/ PHOSPHORUS RADIOISOTOPES/ *PHYSOSTIGMINE, pharmacodynamics/ RATS/ *SEROTONIN, pharmacodynamics/ SUBCELLULAR FRACTIONS, drug effects/ SUBCELLULAR FRACTIONS, metabolism/ SYNAPTOSOMES, drug effects/ SYNAPTOSOMES, metabolism/ TIME FACTORS
7. Abe K, Hirose T: Effect of corticosterone and cortisol on corticosteroidogenesis in isolated rat adrenal cells. Tohoku J Exp Med 112:195-6, Feb 74
*ADRENAL CORTEX HORMONES, biosynthesis/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ FEEDBACK/ *HYDROCORTISONE, pharmacodynamics/ IN VITRO/ MALE
8. Abel EL, Cooper CW, Harris LS: Effects of delta9-tetrahydrocannabinol on body weight and brain electrolytes in the chicken. Psychopharmacologia 35:335-9, 9 Mar 74
ANIMAL EXPERIMENTS/ *BODY WEIGHT, drug effects/ *BRAIN CHEMISTRY, drug effects/ CALCIUM, metabolism/ *CANNABIS, pharmacodynamics/ *CHICKENS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ MALE/ POTASSIUM, metabolism/ SODIUM, metabolism/ TETRAHYDROCANNABINOL, pharmacodynamics
9. Aberg H: Plasma renin activity after the use of a new beta-adrenergic blocking agent (I.C.I. 66,032). Int J Clin Pharmacol 9:98-100, Mar 74
ACETAMIDES, pharmacodynamics/ *ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ADULT/ ANGIOTENSIN, blood/ BLOOD PRESSURE, drug effects/ CARDIAC VOLUME, drug effects/ CREATININE, blood/ ELECTROCARDIOGRAPHY/ HUMAN/ HYPERTENSION, metabolism/ MIDDLE AGE/ PHENYL ETHERS, pharmacodynamics/ POTASSIUM, urine/ *PROPANOLAMINES, pharmacodynamics/ RADIOIMMUNOASSAY/ *RENIN, blood/ SODIUM, urine
10. Abinder AA, Smolenakif VS, Rom-Bugoslavskaja ES: Delstvie serdechnykh glikozidov na gemodinamiku i inotropizm serdechnoi myshtsy v usloviakh tireodinoi intokskatsii. Kardiologiya 14:120-2, May 74 (Rus)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CARDIAC OUTPUT/ CARDIAC VOLUME/ COMPARATIVE STUDY/ *HEART, drug effects/ *HEMODYNAMICS, drug effects/ HUMAN/ *HYPERTHYROIDISM, pathophysiology/ INJECTIONS, INTRAVENOUS/ STROPHANTHIN, administration & dosage/ *STROPHANTHIN, pharmacodynamics/ STROPHANTHIN, therapeutic use
11. Abita JP, Dorche C, Kaufman S: Further studies on the nature of phenylalanine hydroxylation in brain. Pediatr Res 8:714-7, Jul 74
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BRAIN, enzymology/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HYDROXYLATION/ IODOTYROSINE, pharmacodynamics/ LIVER, enzymology/ METHODS/ *PHENYLALANINE, metabolism/ PHENYLALANINE HYDROXYLASE, metabolism/ PROPANEDIOLS/ PTERIDINES/ TYROSINE, metabolism/ TYROSINE HYDROXYLASE, antagonists & inhibitors
12. Abou-Isa H, Kratowich N, Mendicino J: Properties of

AUTHOR SECTION

- soluble and bound protein kinases isolated from swine kidney. *Eur J Biochem* 42:461-73, 1 Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ **ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CELL MEMBRANE**, enzymology/ **CELL NUCLEUS**, enzymology/ **CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYTOSOL**, enzymology/ **ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ GLYCOGEN SYNTHETASE**, metabolism/ **KIDNEY**, cytology/ ***KIDNEY**, enzymology/ **KINETICS/ MICROSOMES**, enzymology/ **MITOCHONDRIA**, enzymology/ **MOLECULAR WEIGHT/ PHOSPHORUS RADIOISOTOPES/ PROTEIN BINDING/ PROTEIN KINASE**, isolation & purification/ ***PROTEIN KINASE**, metabolism/ **RATS/ SOLUBILITY/ SWINE/ TRITIUM**
13. Abraham R, Born HJ, Collischonn G, et al: Testosteronbiosynthese in spontan dystopen Testes von Ratten mit einer genetisch bedingten Deszensausstörung. *Endokrinologie* 62:368-75, 1973 (Ger)
ANIMAL EXPERIMENTS/ CRYPTORCHISM, familial & genetic/ **CRYPTORCHISM**, metabolism/ ***CRYPTORCHISM**, veterinary/ **ENGLISH ABSTRACT/ INBREEDING/ MALE/ ORGAN WEIGHT/ RATS/ RATS, INBRED STRAINS/ TESTIS**, growth & development/ **TESTOSTERONE**, analysis/ ***TESTOSTERONE**, biosynthesis
14. Abramovich DR: Human sexual differentiation--in utero influences. *J Obstet Gynaecol Br Commonw* 81:448-53, Jun 74
BODY HEIGHT/ COMPARATIVE STUDY/ FEMALE/ *FETUS, growth & development/ **GENITALIA, MALE**, drug effects/ **GENITALIA, MALE**, growth & development/ **GESTATIONAL AGE/ GONADOTROPINS, CHORIONIC**, pharmacodynamics/ **HUMAN/ HYPOTHALAMUS**, metabolism/ **MALE/ RADIOIMMUNOASSAY/ SEX CHARACTERISTICS/ *SEX DETERMINATION/ TESTIS**, drug effects/ **TESTIS**, growth & development/ ***TESTOSTERONE**, blood
15. Absava GI: Vlianie psikhostimulirov na soderzhanie ionov Ca i Mg v raznykh otdelakh golovnogo mozga krya. *Farmakol Toksikol* 36:176-9, Mar-Apr 73 (Rus)
***AMPHETAMINE**, pharmacodynamics/ **ANIMAL EXPERIMENTS/ *BRAIN**, metabolism/ **BRAIN STEM**, metabolism/ ***CAFFEINE**, pharmacodynamics/ ***CALCIUM**, metabolism/ **CEREBRAL CORTEX**, metabolism/ **COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *MAGNESIUM**, metabolism/ **MALE/ MEDULLA OBLONGATA**, metabolism/ ***PIPRADROL**, pharmacodynamics/ **RATS/ TIME FACTORS**
16. Abulid J, Larsen FR: Triiodothyronine and thyroxine in hyperthyroidism. Comparison of the acute changes during therapy with antithyroid agents. *J Clin Invest* 54:201-8, Jul 74
DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ HYPERTHYROIDISM, blood/ ***HYPERTHYROIDISM**, drug therapy/ **HYPERTHYROIDISM**, metabolism/ ***IODINE**, therapeutic use/ ***METHIMAZOLE**, therapeutic use/ **PROPYLTHIOURACIL**, administration & dosage/ **PROPYLTHIOURACIL**, pharmacodynamics/ ***PROPYLTHIOURACIL**, therapeutic use/ **THYROID ANTAGONISTS**, administration & dosage/ **THYROID ANTAGONISTS**, pharmacodynamics/ ***THYROID ANTAGONISTS**, therapeutic use/ **THYROID GLAND**, drug effects/ **THYROXINE**, blood/ ***THYROXINE**, metabolism/ **TRIIODOTHYRONINE**, blood/ ***TRIIODOTHYRONINE**, metabolism
17. Achazi RK, Dölling B, Haakshorst R: 5-Ht-induzierte Erschlaffung und cyclisches AMP bei einem glatten Molluskenmuskul. *Pfluegers Arch* 349:19-27, 24 May 74 (Ger)
***ADENOSINE CYCLIC 3',5' MONOPHOSPHATE**, metabolism/ **ADENOSINE CYCLIC 3',5' MONOPHOSPHATE**, pharmacodynamics/ **ANIMAL EXPERIMENTS/ CALCIUM**, metabolism/ **CYTOSOL**, metabolism/ **MUSCLE CONTRACTION/ *MUSCLE**, SMOOTH, drug effects/ **MUSCLE**, SMOOTH, metabolism/ ***MUSSELS/ *SEROTONIN**, pharmacodynamics/ **THEOPHYLLINE**, pharmacodynamics
18. Achee FM, Togulga G, Gabay S: Studies of monoamine oxidases: properties of the enzyme in bovine and rabbit brain mitochondria. *J Neurochem* 22:651-61, May 74
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ CEREBRAL CORTEX, cytology/ ***CEREBRAL CORTEX**, enzymology/ **COMPARATIVE STUDY/ DOPAMINE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ KYNURENINE/ LYSOSOMES**, enzymology/ **MICROSCOPY, ELECTRON/ MICROSOMES**, enzymology/ ***MITOCHONDRIA**, enzymology/ ***MONOAMINE OXIDASE**, metabolism/ **SEROTONIN/ SPECIES SPECIFICITY/ SPECTROMETRY, FLUORESCENCE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS/ TRYPTAMINES/ TYRAMINE**
19. Ackenhehl M, Beckmann H, Grell W, et al: Antipsychotic efficacy of clozapine in correlation to changes in catecholamine metabolism in man. *Adv Biochem Psychopharmacol* 9:647-57, 1974
CARBON RADIOISOTOPES/ *CATECHOLAMINES, metabolism/ **CHROMATOGRAPHY, GAS/ DIBENZAZEPINES**, blood/ **DIBENZAZEPINES**, pharmacodynamics/ ***DIBENZAZEPINES**, therapeutic use/ **DOPAMINE BETA HYDROXYLASE**, blood/ **HOMOVANILLIC ACID**, cerebrospinal fluid/ **HOMOVANILLIC ACID**, urine/ **HUMAN/ HYDROXYINDOLEACETIC ACID**, cerebrospinal fluid/ **HYDROXYINDOLEACETIC ACID**, urine/ **MALE/ METHOXYHYDROXYPHENYL GLYCOL**, cerebrospinal fluid/ **METHOXYHYDROXYPHENYL GLYCOL**, urine/ **PIPERAZINES**, blood/ **PIPERAZINES**, pharmacodynamics/ **PIPERAZINES**, therapeutic use/ **PSYCHIATRIC STATUS RATING SCALES/ PSYCHOSES, MANIC-DEPRESSIVE**, blood/ **PSYCHOSES, MANIC-DEPRESSIVE**, cerebrospinal fluid/ **PSYCHOSES, MANIC-DEPRESSIVE**, drug therapy/ **PSYCHOSES, MANIC-DEPRESSIVE**, urine/ **SCHIZOPHRENIA**, blood/ **SCHIZOPHRENIA**, cerebrospinal fluid/ **SCHIZOPHRENIA**, drug therapy/ **SCHIZOPHRENIA**, urine/ **TIME FACTORS/ TRANQUILIZING AGENTS**, blood/ **TRANQUILIZING AGENTS**, pharmacodynamics/ ***TRANQUILIZING AGENTS**, therapeutic use
20. Acosta AA, Kaplan AL, Kaufman RH: Mixed Müllerian tumors of the oviduct. *Obstet Gynecol* 44:84-90, Jul 74
FALLOPIAN TUBE NEOPLASMS, complications/ **FALLOPIAN TUBE NEOPLASMS**, diagnosis/ ***FALLOPIAN TUBE NEOPLASMS**, pathology/ **FALLOPIAN TUBE NEOPLASMS**, surgery/ **FALLOPIAN TUBES**, pathology/ **FEMALE/ HUMAN/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ NEOPLASMS, EMBRYONAL AND MIXED**, diagnosis/ ***NEOPLASMS, EMBRYONAL AND MIXED**, pathology/ **NEOPLASMS, EMBRYONAL AND MIXED**, surgery/ **OVARIAN NEOPLASMS**
21. Adamopoulos DA, Lorraine JA, Lunn SF, et al: Pituitary-gonadal interrelationships in pubertal female subjects. *Acta Endocrinol (Kbh)* 76:214-34, Jun 74
ADOLESCENCE/ AGE FACTORS/ CHILD/ ESTRADIOL, urine/ **ESTRIOL**, urine/ ***ESTROGENS**, urine/ **ESTRONE**, urine/ **FEMALE/ FOLLOW-UP STUDIES/ *FSH**, urine/ ***GONADOTROPINS**, urine/ **HUMAN/ *LH**, urine/ **MENARCHE/ MENSTRUATION/ OVARY**, metabolism/ **OVULATION/ PITUITARY GLAND**, metabolism

AUTHOR SECTION

- *PREGNANEDIOL, urine/ *PUBERTY/ TIME FACTORS
22. Adams DD, Kennedy TH, Stewart RD: Correlation between long-acting thyroid stimulator protector level and thyroid 131-I uptake in thyrotoxicosis. *Br Med J* 2:199-201, 27 Apr 74
ANIMAL EXPERIMENTS/ AUTOANTIBODIES, analysis/ GOITER, EXOPHTHALMIC, metabolism/ HUMAN/ HYPERTHYROIDISM, immunology/ *HYPERTHYROIDISM, metabolism/ *IMMUNOGLOBULINS, analysis/ *IODINE, metabolism/ IODINE RADIOISOTOPES/ LONG-ACTING THYROID STIMULATOR/ MICE/ RADIOLIGAND ASSAY/ TECHNETIUM/ *THYROID GLAND, metabolism/ THYROXINE, blood/ TRIIODOTHYRONINE, metabolism
 23. Adamson RH, Ablashi DV, Cicmanec JL, et al: Chemotherapy of Herpesvirus saimiri induced lymphoma-leukemia in the owl monkey. *J Med Primatol* 3:68-72, 1974
ADENINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARABINOSIDE, pharmacodynamics/ CYCLOPHOSPHAMIDE, therapeutic use/ CYTARABINE, pharmacodynamics/ CYTARABINE, therapeutic use/ *DISEASE MODELS, ANIMAL/ *HERPESVIRUS/ HERPESVIRUS, drug effects/ HYDROCORTISONE, therapeutic use/ INTERFERON, therapeutic use/ *LEUKEMIA, LYMPHOCYTIC, drug therapy/ LEUKEMIA, LYMPHOCYTIC, veterinary/ LEUKOCYTE COUNT/ *LYMPHOMA, drug therapy/ LYMPHOMA, veterinary/ MONKEY DISEASES, drug therapy/ *MONKEYS/ *ONCOGENIC VIRUSES/ ONCOGENIC VIRUSES, drug effects/ VINCRISTINE, therapeutic use/ VIRUS REPLICATION, drug effects
 24. Adar R, Saksman EW: Letter: Serotonin and the mesenteric circulation. *Br Med J* 2:444, 25 May 74
ANIMAL EXPERIMENTS/ *BLOOD CIRCULATION, drug effects/ HUMAN/ INTESTINAL NEOPLASMS, blood/ *INTESTINE, LARGE, blood supply/ INTESTINE, SMALL, secretion/ ISCHEMIA, chemically induced/ *MESENTERIC ARTERIES/ *SEROTONIN, pharmacodynamics/ SEROTONIN, secretion
 25. Ader R, Grotta LJ: Adrenocortical mediation of the effects of early life experiences. *Prog Brain Res* 39:395-406, 1973 (37 ref.)
ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, physiology/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CORTICOSTERONE, pharmacodynamics/ ELECTRIC STIMULATION/ EMOTIONS/ FEMALE/ HANDLING (PSYCHOLOGY)/ HUMAN/ INFANT, NEWBORN/ RATS/ REVIEW/ TIME FACTORS
 26. Adey EM: Population control in China. *Br Med J* 2:548-50, 8 Jun 74
ABORTION, LEGAL/ BIRTH RATE/ CHINA/ CONTRACEPTION/ CONTRACEPTIVE DEVICES/ CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, POSTCOITAL/ FAMILY PLANNING/ FEMALE/ HEALTH EDUCATION/ INTRAUTERINE DEVICES/ MALE/ MORALS/ *POPULATION CONTROL/ SEX BEHAVIOR/ SOCIAL VALUES/ STERILIZATION, SEXUAL
 27. Adikofer F, Armbrrecht U, Schleusener H: Plasma lecithin: cholesterol acyltransferase activity in hypo- and hyperthyroidism. *Horm Metab Res* 6:142-6, Mar 74
*ACYLTRANSFERASES, blood/ CARBON RADIOISOTOPES/ CHOLESTEROL/ CHOLESTEROL, blood/ COMPARATIVE STUDY/ ESTERS/ HUMAN/ *HYPERTHYROIDISM, enzymology/ *HYPOTHYROIDISM, enzymology/ LECITHINS/ LECITHINS, blood/ LIVER CIRRHOSIS, blood/ LYSOLECITHIN, blood/ PHOSPHOLIPIDS, blood/ TIME FACTORS/ TRIGLYCERIDES, blood/ ULTRACENTRIFUGATION
 28. Adkins EK, Mason F: Effects of cyproterone acetate in the male Japanese quail. *Horm Behav* 5:1-6, Mar 74
ANIMAL EXPERIMENTS/ CLOACA, anatomy & histology/ *CLOACA, drug effects/ CYPROTERONE, administration & dosage/ *CYPROTERONE, pharmacodynamics/ DEPRESSION, CHEMICAL/ INJECTIONS, INTRAMUSCULAR/ MALE/ OILS, administration & dosage/ OILS, pharmacodynamics/ QUAIL/ *SEX BEHAVIOR, ANIMAL, drug effects/ TIME FACTORS
 29. Adlard BP, De Souza SW: Influence of asphyxia and of dexamethasone on ATP concentrations in the immature rat brain. *Biol Neonate* 24:82-8, 1974
ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE MONOPHOSPHATE, metabolism/ *ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *ASPHYXIA NEONATORUM, metabolism/ BRAIN, enzymology/ BRAIN, growth & development/ *BRAIN, metabolism/ *DEXAMETHASONE, pharmacodynamics/ FEMALE/ MALE/ PHOSPHOTRANSFERASES, ATP, metabolism/ RATS
 30. Adolfsson S, Boström S, Fahlén M, et al: Enzyme activities in muscle and liver after destruction of the ventromedial hypothalamic area and administration of insulin. *Horm Metab Res* 6:222-6, May 74
ANIMAL EXPERIMENTS/ FEMALE/ GLUCOSE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLUTAMATE DEHYDROGENASE, metabolism/ GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ GLYCOGEN, analysis/ HEXOKINASE, metabolism/ *HYPERINSULINISM, enzymology/ HYPERINSULINISM, physiopathology/ *HYPOTHALAMUS, physiology/ *INSULIN, pharmacodynamics/ INSULIN, physiology/ LACTATE DEHYDROGENASE, metabolism/ LIVER, analysis/ *LIVER, enzymology/ LIVER GLYCOGEN, analysis/ MUSCLES, analysis/ *MUSCLES, enzymology/ PHOSPHOFRUCTOKINASE, metabolism/ PHOSPHOGLUCONATE DEHYDROGENASE, metabolism/ PYRUVATE KINASE, metabolism/ TIBIA
 31. Agaeva NKh: Klinika i lechenie khronicheskogo gnoynogo srednego otita v period beremennosti i laktatsii. *Vestn Otorinolaringol* 2:21-4, Mar-Apr 74 (Rus)
ANTIBIOTICS, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LACTATION/ NAPHTHALENES, therapeutic use/ *OTITIS MEDIA/ OTITIS MEDIA, diagnosis/ OTITIS MEDIA, drug therapy/ OTITIS MEDIA, surgery/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY TOXEMIAS, diagnosis/ PUERPERIUM
 32. Agarwal MK: Influence of chemical sympathectomy on endotoxin lethality in young rats. *Pathol Microbiol (Basel)* 40:268-74, 1974
ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT/ *BRETYLIUM COMPOUNDS, therapeutic use/ CATECHOLAMINES, metabolism/ CORTISONE, therapeutic use/ *ENDOTOXINS, toxicity/ *ESCHERICHIA COLI/ *GUANETHIDINE, therapeutic use/ *HYDROXYDOPAMINE, therapeutic use/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ POISONING, drug therapy/ *POISONING, mortality/ RATS, INBRED STRAINS/ SYMPATHETIC NERVOUS SYSTEM, drug effects
 33. Agerbaek H: Non-toxic goitre. The role of iodine deficiency in goitre formation in a non-endemic area. *Acta Endocrinol (Kbh)* 76:74-82, May 74
BASAL METABOLISM/ CHOLESTEROL, blood/ CHROMATOGRAPHY/ COMPLEMENT FIXATION TESTS/ FEMALE/ *GOITER, blood/ GOITER, immunology/ GOITER, urine/ *GOITER, NODULAR, blood/ GOITER, NODULAR, immunology/ HUMAN/ *IODINE, blood/ IODINE, urine/ IODINE

AUTHOR SECTION

- RADIOISOTOPES/ MALE/ PROTEIN-BOUND IODINE TEST/ THYROID GLAND, immunology/ *THYROID GLAND, metabolism/ THYROXINE, blood
34. Agerbaek H, Jensen SE: Quantitative studies of iodine metabolism in sporadic, non-toxic goitre. An evaluation of pathogenesis.
Acta Endocrinol (Kbh) 76:67-73, May 74
ADOLESCENCE/ ADULT/ ANTIBODIES, analysis/ BASAL METABOLISM/ CHOLESTEROL, blood/ COMPLEMENT FIXATION TESTS/ FEMALE/ GOITER, blood/ GOITER, immunology/ *GOITER, metabolism/ HUMAN/ *IODIDES, blood/ *IODINE, metabolism/ IODINE RADIOISOTOPES/ KIDNEY, metabolism/ MALE/ MIDDLE AGE/ PROTEIN-BOUND IODINE TEST/ THYROID GLAND, metabolism/ THYROXINE, blood/ TRIIODOTHYRONINE, blood
 35. Agrawal SS, Sharma RC, Arora RB: Antioestrogenic activity of jatamansone semicarbazone.
Indian J Exp Biol 11:583, Nov 73
ANIMAL EXPERIMENTS/ *ESTRADIOL, antagonists & inhibitors/ FEMALE/ *KETONES, pharmacodynamics/ ORGAN WEIGHT/ SEMICARBAZONES, pharmacodynamics/ *SESQUITERPENES, pharmacodynamics/ *UTERUS, drug effects
 36. Agte BS, Evtushenko SK, Minlovich AP: Osobennosti kliniko-blokhimicheskikh izmenenii pri nefrotonzillarnykh porazheniyakh.
Vrach Delo 4:101-5, 1974 (Rus)
ACETYLCHOLINE, blood/ ADOLESCENCE/ ADULT/ CALCIUM, blood/ CERULOPLASMIN, analysis/ CHOLINESTERASE, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ POTASSIUM, blood/ SEROTONIN, blood/ *TONSILLITIS, blood/ TONSILLITIS, complications
 37. Ahlmén J, Gelin LE, Magnusson S, et al: Graviditet efter njurtransplantation.
Lakartidningen 71:2549-53, 19 Jun 74 (Swe)
AUSTRALIA ANTIGEN, analysis/ AZATHIOPRINE, therapeutic use/ CREATININE, blood/ ENGLISH ABSTRACT/ FEMALE/ FERTILITY, drug effects/ HUMAN/ *IMMUNOSUPPRESSION/ IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ *KIDNEY, transplantation/ PREDNISOLONE, therapeutic use/ *PREGNANCY COMPLICATIONS/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS
 38. Ahmed A: Some ultrastructural observations of haematophyll vascular change in oat-cell carcinoma.
J Pathol 112:1-3, Jan 74
*BLOOD VESSELS, pathology/ BRONCHIAL NEOPLASMS, immunology/ *BRONCHIAL NEOPLASMS, pathology/ CARCINOMA, OAT CELL, immunology/ *CARCINOMA, OAT CELL, pathology/ DNA, NEOPLASM/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ NECROSIS, pathology/ STAINS AND STAINING
 39. Ahtee L, Boullin DJ, Saarnivaara L, et al: The inhibition of the uptake of monoamines by blood platelets by phenothiazines and other drugs.
Adv Biochem Psychopharmacol 9:379-88, 1974
ANIMAL EXPERIMENTS/ ANTIDEPRESSIVE AGENTS, pharmacodynamics/ ATROPINE, pharmacodynamics/ *BIOGENIC AMINES, antagonists & inhibitors/ BIOGENIC AMINES, blood/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, metabolism/ CARBON RADIOISOTOPES/ CELL MEMBRANE, metabolism/ COCAINE, pharmacodynamics/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DIBENZAZEPINES, pharmacodynamics/ DOPAMINE, blood/ HEMOLYSIS, drug effects/ IN VITRO/ METARAMINOL, blood/ METHADONE, pharmacodynamics/ METHYLATION/ MORPHINE, pharmacodynamics/ *PHENOTHIAZINES, pharmacodynamics/
 - SEROTONIN, blood/ STRUCTURE-ACTIVITY RELATIONSHIP/ SURFACE TENSION/ TRITIUM
 40. Ahuja MM: Profile of young Indian diabetics-biochemical studies.
J Assoc Physicians India 21:87-99, Jan 73
ADRENAL CORTEX HORMONES, urine/ BLOOD SUGAR, metabolism/ DIABETES MELLITUS, blood/ DIABETES MELLITUS, immunology/ *DIABETES MELLITUS, metabolism/ DIABETES MELLITUS, urine/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ INDIA/ INSULIN, blood/ INSULIN, metabolism/ INSULIN ANTIBODIES, analysis/ MALE
 41. Aikar BK, Radhakrishnan VV, Rao MS: Malakoplakia-a report of two cases with review of the literature.
Indian J Pathol Bacteriol 16:64-70, Oct 73
ADULT/ CASE REPORT/ *FALLOPIAN TUBES, pathology/ FEMALE/ HUMAN/ *MALACOPOLAKIA, pathology/ MALE/ MIDDLE AGE/ *OVARIAN DISEASES, pathology/ OVARY, pathology/ URINARY TRACT, pathology/ *UROLOGIC DISEASES, pathology
 42. Aiken JW: Effects of prostaglandin synthesis inhibitors on angiotensin tachyphylaxis in the isolated coeliac and mesenteric arteries of the rabbit.
Pol J Pharmacol Pharm 26:217-27, Jan-Apr 74
*ANGIOTENSIN II, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTHRANILIC ACID, pharmacodynamics/ *ASPIRIN, pharmacodynamics/ *CELIAC ARTERY, drug effects/ EPINEPHRINE, pharmacodynamics/ *INDOMETHACIN, pharmacodynamics/ MALE/ *MESENTERIC ARTERIES, drug effects/ METHYLERGIDE, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ PROPANOLOL, pharmacodynamics/ *PROSTAGLANDINS, antagonists & inhibitors/ PROSTAGLANDINS, biosynthesis/ SCOPOLAMINE, pharmacodynamics/ *TACHYPHYLAXIS, drug effects/ TOLUENE, pharmacodynamics
 43. Aitken JM, Hall PE, Rao LG, et al: Hypercortisolaemia and lack of skeletal response to oestrogen in postmenopausal women.
Clin Endocrinol (Oxf) 3:167-74, Apr 74
BONE AND BONES, drug effects/ *BONE AND BONES, metabolism/ DRUG EVALUATION/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ HYDROCORTISONE, metabolism/ *MENOPAUSE/ MESTRANOL, pharmacodynamics/ *MESTRANOL, therapeutic use/ METACARPUS, drug effects/ METACARPUS, metabolism/ MINERALS, metabolism/ *OSTEOPOROSIS, drug therapy/ OSTEOPOROSIS, metabolism/ SPECTROMETRY, FLUORESCENCE/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ TIME FACTORS
 44. Aiyer MS, Chiappa SA, Fink G: Proceedings: Effect of ovarian steroids on pituitary sensitivity to luteinizing hormone releasing factor in the rat.
J Endocrinol 61:xii, Apr 74
ANIMAL EXPERIMENTS/ CASTRATION/ *ESTROGENS, blood/ ESTRUS/ FEMALE/ LH, blood/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ *PITUITARY GLAND, drug effects/ PROGESTERONE, pharmacodynamics/ RADIOIMMUNOASSAY/ RATS
 45. Aizawa Y, Kogo H, Yamada K, et al: Proceedings: Pharmacological study of prostaglandin. 3. Effect of estrogen on prostaglandin metabolism in rat uterus.
Jap J Pharmacol 24:Suppl:128, 1974
ANIMAL EXPERIMENTS/ *ESTROGENS, pharmacodynamics/ FEMALE/ *PROSTAGLANDINS, metabolism/ *UTERUS, metabolism
 46. Ajika K: [Hypothalamic monoamine nerve fiber and sexual mechanism control]

AUTHOR SECTION

Clin Endocrinol (Tokyo) 22:381-9, Mar 74 (64 ref.)
(Jap)

*AMINES/ ANIMAL EXPERIMENTS/
CATECHOLAMINES/ DOPAMINE, analysis/
*HYPOTHALAMUS, physiology/ MICROSCOPY,
ELECTRON/ NEUROFIBRILS, cytology/
*NEUROFIBRILS, physiology/
NOREPINEPHRINE, analysis/ REVIEW/ *SEX

47. Ajlouni K, Millman WL, Libnoch JA, et al: Letter: Hyperphosphatemia and hypocalcemia in myeloproliferative disorder.

Ann Intern Med 81:119-20, Jul 74
CYTARABINE, therapeutic use/ HUMAN/
HYPERCALCEMIA, drug therapy/
*HYPOCALCEMIA, etiology/ MALE/
MITHRAMYCIN, therapeutic use/
MYELOPROLIFERATIVE DISORDERS, blood/
*MYELOPROLIFERATIVE DISORDERS,
complications/ MYELOPROLIFERATIVE
DISORDERS, drug therapy/ *PHOSPHATES,
blood/ PHOSPHORUS, metabolism/
PREDNISONE, therapeutic use/
THIOGUANINE, therapeutic use

48. Akerman KE, Saris NE, Järvisalo JO: Mitochondrial "high-affinity" binding sites for Ca^{2+} - fact or artefact?

Biochem Biophys Res Commun 58:801-7, 4 Jun 74
ANIMAL EXPERIMENTS/ ANTIMYCIN A,
pharmacodynamics/ BINDING SITES/
*CALCIUM, metabolism/ CALCIUM
RADIOISOTOPES/ COMPARATIVE STUDY/
CYANIDES, pharmacodynamics/ ENERGY
METABOLISM/ MALE/ MITOCHONDRIA,
LIVER, drug effects/ *MITOCHONDRIA,
LIVER, metabolism/ OXYGEN
CONSUMPTION/ QUINOLINES,
pharmacodynamics/ *RECEPTORS, DRUG, drug
effects/ ROTENONE, pharmacodynamics/ TIME
FACTORS

49. Akeyama N, Kanbayashi Y, Mural S, et al: Proceedings: The structures and glucocorticoid-like activities of s-triazines. 3. Pharmacological activities of metabolites of M1704.

Jap J Pharmacol 24:Suppl:141, 1974
ANILINE COMPOUNDS, pharmacodynamics/
CHEMISTRY/ GLUCOCORTICOIDS,
pharmacodynamics/ *TRIAZINES,
pharmacodynamics

50. Akgün S, Ertel NH: Letter: Chloride:phosphate ratio in hypercalcemia. Ann Intern Med 81:129-30, Jul 74

*CHLORIDES, blood/ HUMAN/
*HYPERCALCEMIA, blood/ *PHOSPHATES,
blood

51. Aksel S, Jones GS: Etiology and treatment of dysfunctional uterine bleeding.

Obstet Gynecol 44:1-13, Jul 74
BIOPSY/ BODY TEMPERATURE/
CLOMIPHENE, therapeutic use/ ESTROGENS,
blood/ FEMALE/ *FSH, blood/ HUMAN/ *LH,
blood/ MENARCHE/ MENOPAUSE/
MENSTRUATION DISORDERS, blood/
MENSTRUATION DISORDERS, diagnosis/
*MENSTRUATION DISORDERS, etiology/
MENSTRUATION DISORDERS, pathology/
OVARY, pathology/ PROGESTERONE, blood/
RADIOIMMUNOASSAY

52. Aksoy M, Erdem S, Tezel H, et al: Letter: Acute myeloblastic leukaemia after propylthiouracil.

Lancet 1:928-9, 11 May 74
AGED/ BONE MARROW, drug effects/ CASE
REPORT/ FEMALE/ GOITER,
EXOPHTHALMIC, drug therapy/ HUMAN/
LEUKEMIA, MYELOBLASTIC, blood/
*LEUKEMIA, MYELOBLASTIC, chemically
induced/ *PROPYLTHIOURACIL, adverse
effects/ PROPYLTHIOURACIL,
pharmacodynamics/ PROPYLTHIOURACIL,
therapeutic use

53. Alaghband-Zadeh J, Daly JR, Bitensky L, et al: The cytochemical section assay for corticotrophin.

Clin Endocrinol (Oxf) 3:319-27, Jul 74
ADRENAL GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ *BIOLOGICAL ASSAY/

*CORTICOTROPIN, blood/
*HISTOCYTOCHEMISTRY/ IN VITRO/
METHODS

54. Alaimo RJ, Felosi SS: Antiparasitic thiocyanatobenzothiazoles.

J Med Chem 17:775-6, Jul 74
*ANTHELMINTICS, chem synthesis/
ANTHELMINTICS, pharmacodynamics/
ANTHELMINTICS, therapeutic use/
*ANTIFUNGAL AGENTS, chem synthesis/
ANTIFUNGAL AGENTS, pharmacodynamics/
ANTIFUNGAL AGENTS, therapeutic use/
ASCARIASIS, drug therapy/ CANDIDA, drug
effects/ CANDIDA ALBICANS, drug effects/
HYMENOLEPIASIS/ MICROBIAL
SENSITIVITY TESTS/ MICROSPORUM, drug
effects/ *THIAZOLES, chem synthesis/
THIAZOLES, pharmacodynamics/ THIAZOLES,
therapeutic use/ THIOCYANATES, chem
synthesis/ THIOCYANATES,
pharmacodynamics/ THIOCYANATES,
therapeutic use/ TORULOSIS, drug effects

55. Alatas H, Wirja IG, Sutedjo: Treatment of childhood nephrotic syndrome with Imuran.

Paediatr Indones 12:363-71, Sep 72
ADMINISTRATION, ORAL/ AZATHIOPRINE,
administration & dosage/ *AZATHIOPRINE,
therapeutic use/ DRUG THERAPY,
COMBINATION/ FEMALE/ HUMAN/ MALE/
*NEPHROTIC SYNDROME, drug therapy/
PREDNISONE, administration & dosage/
PREDNISONE, therapeutic use/
PROTEINURIA, drug therapy

56. Albano JD, Brown BL, Ekins RP, et al: Proceedings: Effect of angiotensin II on cyclic AMP and corticosterone output by purified zona glomerulosa and zona fasciculata cells of the rat adrenal cortex.

N Engl J Med 291:73, 11 Jun 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, biosynthesis/ ADRENAL
GLANDS, drug effects/ *ADRENAL GLANDS,
metabolism/ *ANGIOTENSIN II,
pharmacodynamics/ ANIMAL EXPERIMENTS/
*CORTICOSTERONE, biosynthesis/ IN VITRO/
STIMULATION, CHEMICAL

57. Albano JD, Joseph T, Brown BL, et al: Proceedings: A correlated biochemical and morphological study of the development of adrenocorticotrophin-sensitive adenylate cyclase activity in foetal rabbit adrenals.

N Engl J Med 291:73-4, 11 Jun 74
*ADENYL CYCLASE, metabolism/ ADRENAL
GLANDS, embryology/ *ADRENAL GLANDS,
enzymology/ ANIMAL EXPERIMENTS/ CELL
DIFFERENTIATION/ *CORTICOTROPIN,
pharmacodynamics/ *FETUS, enzymology/
GESTATIONAL AGE/ IN VITRO/
STIMULATION, CHEMICAL

58. (Albert A): Citation for the Koch Award of The Endocrine Society for 1974 to Alexander Albert, Ph.D., M.D. Endocrinology 95:329-30, Jul 74

*AWARDS AND PRIZES/ CURRENT
BIOG-OBIT/ *ENDOCRINOLOGY/ UNITED
STATES

59. Albert WC, Handler JS: Effect of PGE₁, indomethacin, and polyphlorethin phosphate on toad bladder response to ADH. Am J Physiol 226:1382-6, Jun 74

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
*BLADDER, drug effects/ BLADDER,
metabolism/ BLADDER, physiology/ BUFO
MARINUS/ ELECTROPHYSIOLOGY/
*INDOMETHACIN, pharmacodynamics/
PERMEABILITY/ *PHLORETIN,
pharmacodynamics/ *PROSTAGLANDINS,
pharmacodynamics/ PROSTAGLANDINS,
physiology/ SODIUM, metabolism/
*VASOPRESSIN, pharmacodynamics/ WATER,
metabolism

60. Albini B, Wick G: Proportional increase of bursa-derived cells in chickens of the Obese strain. Nature 249:653-4, 14 Jun 74

AGE FACTORS/ ANIMAL EXPERIMENTS/
ANTIBODY FORMATION/

AUTHOR SECTION

- ANTIGEN-ANTIBODY REACTIONS/
ANTILYMPHOCYTE SERUM/ BURSA OF
FABRICIUS, immunology/ *CHICKENS/
*DISEASE MODELS, ANIMAL/ FLUORESCENT
ANTIBODY TECHNIC/ IGG/ IGM/
IMMUNOGLOBULINS/ LEUKOCYTE COUNT/
OBESITY, veterinary/ POULTRY DISEASES,
immunology/ SPLEEN, immunology/ THYMUS
GLAND, immunology/ *THYROIDITIS,
LYMPHOMATOUS, immunology
61. Alcock NW, Shils ME: Comparison of magnesium deficiency in the rat and mouse.
Proc Soc Exp Biol Med 146:137-41, May 74
ANIMAL EXPERIMENTS/ BODY WEIGHT/
*CALCIUM, blood/ CALCIUM, metabolism/
CALCIUM, DIETARY/ COMPARATIVE
STUDY/ *CONVULSIONS, etiology/
CONVULSIONS, mortality/ *ERYTHEMA,
etiology/ KIDNEY, metabolism/ MAGNESIUM,
blood/ MAGNESIUM, metabolism/
*MAGNESIUM DEFICIENCY/ MALE/ *MICE,
physiology/ PHOSPHATES, blood/
PHOSPHORUS, metabolism/ *RATS,
physiology/ TIME FACTORS
 62. Alhava EM, Puittinen J: Fractures of the upper end of the femur as an index of senile osteoporosis in Finland. Ann Clin Res 5:398-403, Dec 73
AGE FACTORS/ COMPARATIVE STUDY/
FEMALE/ FEMORAL FRACTURES, etiology/
*FEMORAL FRACTURES, occurrence/
FINLAND/ FRACTURES, SPONTANEOUS/
HONG KONG/ HUMAN/ ISRAEL/ MALE/
OSTEOPOROSIS, complications/
*OSTEOPOROSIS, occurrence/ SEX FACTORS/
SOUTH AFRICA/ SWEDEN
 63. Allison M, Morley AR, Appleton D, et al: Proceedings: The variation in sensitivity to androgen stimulation with time after castration in the secondary sex organs of the mouse. N Engl J Med 291:52-3, 11 Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/
CELL DIVISION, drug effects/ MALE/
*PROSTATE, drug effects/ *SEMINAL
VESICLES, drug effects/ STIMULATION,
CHEMICAL/ *TESTIS, physiology/
*TESTOSTERONE, pharmacodynamics/ TIME
FACTORS
 64. Alker GJ Jr, Leslie EV, Bakay L: Differential diagnosis of an abnormal brain scan.
Acta Radiol [Diagn] (Stockh) 13:627-33, 1972
ARTERIOVENOUS MALFORMATIONS,
diagnosis/ ASTROCYTOMA, diagnosis/ BRAIN,
blood supply/ *BRAIN NEOPLASMS,
diagnosis/ CEREBRAL ANGIOGRAPHY/
*CEREBROVASCULAR DISORDERS, diagnosis/
CHLORMERODIN, diagnostic use/
CHONDROMA, diagnosis/
CRANIOPHARYNGIOMA, diagnosis/
DIAGNOSIS, DIFFERENTIAL/
GLIOBLASTOMA MULTIFORME, diagnosis/
HEMATOMA, SUBDURAL, diagnosis/ HUMAN/
MERCURY ISOTOPES/ NEOPLASM
METASTASIS/ PITUITARY NEOPLASMS,
diagnosis/ PNEUMOENCEPHALOGRAPHY/
*RADIOISOTOPE SCANNING/ STRONTIUM
RADIOISOTOPES/ TECHNETIUM
 65. Allansmith MR, Fine M, Payne R: Histocompatibility typing and corneal transplantation.
Trans Am Acad Ophthalmol Otolaryngol 78:op445-60,
May-Jun 74
ADRENAL CORTEX HORMONES, therapeutic
use/ ANTIBODIES, analysis/ CORNEA,
immunology/ *CORNEA, transplantation/
CYTOTOXICITY TESTS, IMMUNOLOGIC/
FEMALE/ GRAFT REJECTION/
HISTOCOMPATIBILITY ANTIGENS, analysis/
*HISTOCOMPATIBILITY TESTING/ HUMAN/
LYMPHOCYTES, analysis/ MALE/
POSTOPERATIVE COMPLICATIONS/
TRANSPLANTATION, HOMOLOGOUS
 66. Allen HD, Larter WE, Goldberg SJ: Letter: The Ulrich-Noonan syndrome.
Am J Dis Child 128:115-6, Jul 74
ECHOCARDIOGRAPHY/ HUMAN/ MALE/
SYNDROME/ *TURNER'S SYNDROME,
diagnosis
 67. Allen HH: Clinical assessment of a low-dose oestrogen, low-dose progesterogen combined oral contraceptive. Curr Med Res Opin 2:101-8, 1974
ADULT/ AMENORRHEA, chemically induced/
CANADA/ *CONTRACEPTIVES, ORAL/
*ETHINYL ESTRADIOL/ ETHINYL
ESTRADIOL, administration & dosage/
ETHINYL ESTRADIOL, adverse effects/
FEMALE/ HUMAN/ MENSTRUATION, drug
effects/ *NORGESTREL/ NORGESTREL,
administration & dosage/ NORGESTREL,
adverse effects/ PHYSICAL EXAMINATION/
PREGNANCY/ TABLETS/ TIME FACTORS/
UTERINE HEMORRHAGE, chemically induced/
VAGINAL SMEARS
 68. Allen JP, Cook DM, Greer MA, et al: Serial plasma growth hormone concentration during selective removal of pituitary tumors in acromegaly.
J Neurosurg 41:38-45, Jul 74
ACROMEGALY, physiopathology/
*ACROMEGALY, surgery/ *ADENOMA,
surgery/ ADENOMA, CEROPHOBIC,
surgery/ ADENOMA, EOSINOPHILIC, blood/
ADENOMA, EOSINOPHILIC, surgery/ BLOOD
SUGAR, analysis/ CORTICOTROPIN, blood/
EVALUATION STUDIES/ HUMAN/
HYDROCORTISONE, blood/
*HYPOPHYSECTOMY/ HYPOTHALAMUS,
secretion/ MALE/ OSMOLAR
CONCENTRATION/ *PITUITARY GLAND,
physiopathology/ PITUITARY NEOPLASMS,
physiopathology/ *PITUITARY NEOPLASMS,
surgery/ *SOMATOTROPIN, blood/
SOMATOTROPIN, urine/ SOMATOTROPIN
RELEASING HORMONE, secretion/ STRESS/
THYROXINE, blood
 69. Allen LB, Eagle NC, Huffman JH, et al: Enhancement of interferon antiviral action in L-cells by cyclic nucleotides. Proc Soc Exp Biol Med 146:580-4, Jun 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
DIETHYLAMINES, pharmacodynamics/ DRUG
SYNERGISM/ FLUORENES/ *INTERFERON,
pharmacodynamics/ INTERFERON INDUCERS,
pharmacodynamics/ *L CELLS/ NEWCASTLE
DISEASE VIRUS/ POLY I-C,
pharmacodynamics/ STATOLON,
pharmacodynamics/ *VESICULAR STOMATITIS
VIRUS, drug effects
 70. Allen WE, Hadley JC: Blood progesterone concentrations in pregnant and non-pregnant mares. Equine Vet J 6:87-93, Apr 74
ANIMAL EXPERIMENTS/ ESTRUS/ FEMALE/
*HORSES, physiology/ OVULATION/
PREGNANCY/ *PREGNANCY, ANIMAL/
*PROGESTERONE, blood/ TIME FACTORS
 71. Alling C, Bruce A, Karlsson I, et al: The effect of different dietary levels of essential fatty acids on growth of the rat. Nutr Metab 16:38-50, 1974
AGE FACTORS/ ANIMAL EXPERIMENTS/
ANIMAL NUTRITION/ *BODY WEIGHT, drug
effects/ DEFICIENCY DISEASES/ DIETARY
FATS, administration & dosage/ *DIETARY
PROTEINS, administration & dosage/
DOSE-RESPONSE RELATIONSHIP, DRUG/
FATTY ACIDS, ESSENTIAL, administration &
dosage/ *FATTY ACIDS, ESSENTIAL,
pharmacodynamics/ FEMALE/ LACTATION/
LINOLEIC ACID, metabolism/ LINOLEIC
ACID, pharmacodynamics/ LINOLENIC ACID,
pharmacodynamics/ MALE/ MILK, metabolism/
REPRODUCTION, drug effects/ SEX
FACTORS/ TRIGLYCERIDES, metabolism
 72. Allison AC: The roles of T and B lymphocytes in self-tolerance and autoimmunity.
Contemp Top Immunobiol 3:227-42, 1974 (46 ref.)
ADJUVANTS, IMMUNOLOGIC/ ANEMIA,
HEMOLYTIC, AUTOIMMUNE, chemically
induced/ ANTIBODY FORMATION/
ANTIBODY PRODUCING CELLS,
transplantation/ ANTIBODY SPECIFICITY/
ANTIGENIC DETERMINANTS/ ANTIGENS,

AUTHOR SECTION

NEOPLASM/ ANTIGENS, VIRAL/
ANTINUCLEAR FACTORS, biosynthesis/
*AUTOANTIBODIES/ BINDING SITES,
ANTIBODY/ GRAFT VS HOST REACTION/
HAPTENS/ HYDRALAZINE, adverse effects/
*IMMUNE TOLERANCE/ IODINE
RADIOISOTOPES/ LYMPHOCYTIC
CHORIOMENINGITIS, immunology/
METHYLDOPA/ PROTEIN CONFORMATION/
REVIEW/ THYROGLOBULIN, metabolism/
TRANSPLANTATION, HOMOLOGOUS

73. Allison ME, Lipham EM, Lassiter WE, et al: The acutely reduced kidney. *Kidney Int* 3:354-63, Jun 73

ABSORPTION/ ADAPTATION,
PHYSIOLOGICAL/ ALDOSTERONE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BLOOD PRESSURE/ BLOOD UREA
NITROGEN/ DYES, diagnostic use/
ELECTROLYTES, urine/ GLOMERULAR
FILTRATION RATE/ *INFARCTION,
physiopathology/ INULIN, blood/ INULIN,
diagnostic use/ *KIDNEY, blood supply/
KIDNEY, physiopathology/ KIDNEY TUBULES,
PROXIMAL, metabolism/ KIDNEY TUBULES,
PROXIMAL, physiology/ KIDNEY TUBULES,
PROXIMAL, physiopathology/ LIGATION/
MALE/ NEPHRECTOMY/ NEPHRONS,
physiopathology/ PRESSURE/ RATS/ RENAL
ARTERY/ TIME FACTORS/ TRITIUM/
URINATION, drug effects/ VASOPRESSIN,
pharmacodynamics/ *WATER-ELECTROLYTE
BALANCE

74. Almon RR, McClure WO: The effect of nerve growth factor (NGF) upon axoplasmic transport in sympathetic neurons of the mouse. *Brain Res* 74:255-67, 12 Jul 74

ANIMAL EXPERIMENTS/ *AXOPLASMIC
FLOW, drug effects/ FEMALE/ GANGLIA,
AUTONOMIC, metabolism/ IN VITRO/
LEUCINE, metabolism/ LUMBOSACRAL
REGION/ MALE/ *NERVE GROWTH FACTOR,
pharmacodynamics/ NERVE TISSUE
PROTEINS, biosynthesis/ ORGAN CULTURE/
*SYMPATHETIC NERVOUS SYSTEM, drug
effects/ SYMPATHETIC NERVOUS SYSTEM,
metabolism/ THORACIC VERTEBRAE/
TRITIUM

75. Altman R, Maruffo C, Daldin J: Pathological findings by the injection of contact product. *Rev Bras Pesqui Med Biol* 6:327-30, Nov-Dec 73

ADRENAL GLANDS, pathology/
AMINOCAPROIC ACID, administration &
dosage/ ANIMAL EXPERIMENTS/ BASEMENT
MEMBRANE, pathology/ *BLOOD
COAGULATION DISORDERS, chemically
induced/ BLOOD COAGULATION DISORDERS,
pathology/ *FACTOR XI, administration &
dosage/ *FACTOR XII, administration &
dosage/ FEMALE/ INJECTIONS,
INTRAPERITONEAL/ INJECTIONS,
INTRAVENOUS/ LIVER, pathology/ LUNG,
pathology/ MICROSCOPY, ELECTRON/
MYOCARDIUM, pathology/ RATS/
SAPHENOUS VEIN/ *SHWARTZMAN
PHENOMENON/ SHWARTZMAN
PHENOMENON, pathology/ SPLEEN,
pathology/ TIME FACTORS

76. Altmeyer F, Zaun H: Ergebnisse reflexionsphotometrischer Bestimmungen der Vasoconstriction nach topischer Steroidapplikation. II. Einfluss des Lösungsmittels. *Arch Dermatol Forsch* 248:387-90, 20 Feb 74 (Ger)

ADIPIC ACID, pharmacodynamics/
ADMINISTRATION, TOPICAL/ *ADRENAL
CORTEX HORMONES, pharmacodynamics/
COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ ESTERS, pharmacodynamics/
HUMAN/ LACTATES, pharmacodynamics/
PHOTOMETRY/ SKIN ABSORPTION/
*SOLVENTS, pharmacodynamics/ STEROIDS,
administration & dosage/ VASOCONSTRICTOR
AGENTS, administration & dosage/
*VASOCONSTRICTOR AGENTS,
pharmacodynamics

77. Ambellan E: Glucocorticoid tight binding in rat liver

and thymus particles.

- Biochem Biophys Res Commun* 57:520-5, 25 Mar 74

ANIMAL EXPERIMENTS/ BINDING SITES/
CELL NUCLEUS, metabolism/ COMPARATIVE
STUDY/ CYTOPLASM, metabolism/
FLUORINE/ LIVER, cytology/ *LIVER,
metabolism/ LYSOSOMES, metabolism/ MALE/
MICROSOMES, metabolism/ MICROSOMES,
LIVER, metabolism/ MITOCHONDRIA,
metabolism/ MITOCHONDRIA, LIVER,
metabolism/ ORGAN SPECIFICITY/
PERCHLORIC ACIDS/ *PREDNISOLONE,
metabolism/ RATS/ *RECEPTORS, HORMONE/
SUBCELLULAR FRACTIONS, metabolism/
SULFONIC ACIDS/ THYMUS GLAND,
cytology/ *THYMUS GLAND, metabolism/
TIME FACTORS/ TRITIUM

78. Amelar RD, Dubin L: Male infertility. Current diagnosis and treatment. *Urology* 1:1-31, Jan 73

ADRENAL GLAND DISEASES, complications/
AGING/ AUTOANTIBODIES/ CRYPTORCHISM,
complications/ CYSTIC FIBROSIS,
complications/ DRUG HYPERSENSITIVITY,
complications/ DRUG THERAPY, adverse
effects/ EJACULATION/ HEAT/ HUMAN/
KIDNEY FAILURE, CHRONIC, complications/
KLINEFELTER'S SYNDROME, complications/
MALE/ PITUITARY DISEASES, complications/
SEX DISORDERS, complications/
SPERMATOZOA, immunology/ *STERILITY,
MALE/ STERILITY, MALE, diagnosis/
STERILITY, MALE, etiology/ STERILITY,
MALE, therapy/ STRESS, PSYCHOLOGICAL,
complications/ TESTICULAR DISEASES,
complications/ THYROID DISEASES,
complications/ VARICOCELE, complications

79. Amidi S, Duts W, Kohout E, et al: Human anthrax in Iran. Report of 300 cases and review of literature. *Tropenmed Parasitol* 25:96-104, Mar 74

AGE FACTORS/ AGRICULTURAL WORKERS'
DISEASES/ ANTHRAX, diagnosis/ ANTHRAX,
drug therapy/ ANTHRAX, etiology/
ANTHRAX, mortality/ *ANTHRAX,
occurrence/ ANTHRAX, pathology/ AUTOPSY/
CORTISONE, therapeutic use/ FEMALE/
HUMAN/ IRAN/ MALE/ OCCUPATIONAL
DISEASES/ OCCUPATIONS/ PENICILLIN,
therapeutic use/ SEASONS

80. Amiragova MG, Pokryshkin VI: Vliianie negipogl'ikemicheskikh doz insulina na dinamiku elektroentsefalograficheskoi aktivatsii. *Fiziol Zh SSSR* 59:1305-13, Sep 73 (Rus)

ACOUSTIC STIMULATION/ ANIMAL
EXPERIMENTS/ AUDITORY CORTEX, drug
effects/ BLOOD SUGAR, analysis/ *BRAIN,
drug effects/ CATS/ ELECTRIC
STIMULATION/ ELECTRODES/
*ELECTROENCEPHALOGRAPHY,
instrumentation/ ENGLISH ABSTRACT/
EVOKED POTENTIALS, drug effects/
FEMALE/ HYPOTHALAMUS, drug effects/
INJECTIONS, INTRA-ARTERIAL/
INJECTIONS, INTRAVENOUS/ INSULIN,
administration & dosage/ *INSULIN,
pharmacodynamics/ MALE/ MOTOR CORTEX,
drug effects/ PHOTIC STIMULATION/ TIME
FACTORS/ VISUAL CORTEX, drug effects

81. Amiragova MG, Stul'nikov BV: Rol' zadnego gipotalamicheskogo ladra v regulatsii sekretii insulina. *Dokl Akad Nauk SSSR* 213:746-8, 21 Nov 73 (Rus)

ANIMAL EXPERIMENTS/ ELECTRIC
STIMULATION/ HYPOTHALAMUS, drug
effects/ *HYPOTHALAMUS, physiology/
INSULIN, administration & dosage/ *INSULIN,
blood

82. Amoss MS Jr, Monahan MW, Verlander MS: A long-acting polymer-coupled LRF analog. *J Clin Endocrinol Metab* 39:187-90, Jul 74

ANIMAL EXPERIMENTS/ FSH, blood/
*LH-FSH RELEASING HORMONE, chem
synthesis/ LH-FSH RELEASING HORMONE,
pharmacodynamics/ MALE/ TIME FACTORS

83. Amsbaugh DF, Hansen CT, Prescott B, et al: Genetic

AUTHOR SECTION

- control of the antibody response to type 3 pneumococcal polysaccharide in mice. II. Relationship between IgM immunoglobulin levels and the ability to give an IgM antibody response. *J Exp Med* 139:1499-512, 1 Jun 74
- ANIMAL EXPERIMENTS/ *ANTIBODIES, BACTERIAL/ *ANTIBODY FORMATION/ ANTIGENS, BACTERIAL/ CROSSES, GENETIC/ *DIPLOCOCCUS PNEUMONIAE, immunology/ ESCHERICHIA COLI, immunology/ FEMALE/ HEMOLYSIS/ HEMOLYTIC PLAQUE TECHNIC/ *IGM/ IMMUNIZATION/ IMMUNOGENETICS/ LIPOPOLYSACCHARIDES/ MALE/ MICE/ MICE, INBRED BALB C/ MICE, INBRED CBA/ *POLYSACCHARIDES, BACTERIAL/ SALMONELLA TYPHIMURIUM, immunology/ SALMONELLA TYPHOSA, immunology/ SERRATIA MARCESCENS, immunology/ *SEX CHROMOSOMES
84. Amsel S, Bijlsma F: Histiocytic medullary reticulosis. Clinical and pathological studies in Uganda. *Trop Geogr Med* 26:31-8, Mar 74
- ADOLESCENCE/ ADULT/ AUTOPSY/ BIOPSY/ BONE MARROW CELLS/ DRUG THERAPY, COMBINATION/ FEMALE/ HISTIOCYTES/ HUMAN/ LIVER, pathology/ LYMPH NODES, pathology/ MALE/ MIDDLE AGE/ NITROGEN MUSTARD COMPOUNDS, therapeutic use/ PREDNISONE, therapeutic use/ PROCARBAZINE, therapeutic use/ *RETICULOENDOTHELIOSIS, diagnosis/ RETICULOENDOTHELIOSIS, drug therapy/ RETICULOENDOTHELIOSIS, occurrence/ RETICULOENDOTHELIOSIS, pathology/ SPLEEN, pathology/ UGANDA/ VINCRISTINE, therapeutic use
85. Anand CR, Linkswiler HM: Effect of protein intake on calcium balance of young men given 500 mg calcium daily. *J Nutr* 104:695-700, Jun 74
- ADULT/ *CALCIUM, metabolism/ CALCIUM, urine/ *CALCIUM, DIETARY/ DIET/ *DIETARY PROTEINS, administration & dosage/ DIETARY PROTEINS, adverse effects/ FECES, analysis/ FRUIT/ HUMAN/ MALE/ NUTRITION/ VEGETABLES
86. Anand Kumar TC: Cellular and humoral pathways in the neuroendocrine regulation of reproductive function. *J Reprod Fertil [Suppl]* 20:11-25, Dec 73 (44 ref.)
- ANIMAL EXPERIMENTS/ BINDING SITES/ BIOGENIC AMINES, cerebrospinal fluid/ CEREBRAL VENTRICLES, anatomy & histology/ CEREBROSPINAL FLUID, physiology/ CONTRACEPTION/ ESTRADIOL, metabolism/ ESTROGENS, cerebrospinal fluid/ FEMALE/ GONADOTROPINS, secretion/ HYDROXYPROGESTERONE, cerebrospinal fluid/ *HYPOTHALAMUS, physiology/ MACACA/ MICROSCOPY, ELECTRON, SCANNING/ NERVE ENDINGS/ PINEAL BODY, metabolism/ *PINEAL BODY, physiology/ PITUITARY GLAND, anatomy & histology/ *PITUITARY GLAND, physiology/ PITUITARY HORMONE RELEASING HORMONES, physiology/ PROGESTERONE, cerebrospinal fluid/ *REPRODUCTION/ REVIEW/ TESTOSTERONE, cerebrospinal fluid/ TRITIUM/ VASOTOCIN, cerebrospinal fluid
87. Ananiev EV, Fairullin LZ, Gvozdev VA: The role of genetic balance in control of transcription rate in the X-chromosomes of *Drosophila melanogaster*. *Chromosoma* 45:193-201, 14 Mar 74
- ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES/ DIPLOIDY/ *DROSOPHILA MELANOGASTER/ FEMALE/ HERMAPHRODITISM/ MALE/ PHENOTYPE/ POLYPLOIDY/ RNA, biosynthesis/ SALIVARY GLANDS, cytology/ *SEX CHROMOSOMES/ THYMIDINE/ *TRANSCRIPTION, GENETIC/ TRITIUM
88. Ananiev EV, Gvozdev VA: Changed pattern of transcription and replication in polytene chromosomes of *Drosophila melanogaster* resulting from eu-heterochromatin rearrangement. *Chromosoma* 45:173-91, 14 Mar 74
- ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *CHROMATIN/ *CHROMOSOMES/ *DNA REPLICATION/ *DROSOPHILA MELANOGASTER/ HETEROCHROMATIN/ IN VITRO/ MALE/ MALPIGHIAN TUBULES, cytology/ SALIVARY GLANDS, cytology/ SEX CHROMOSOMES/ THYMIDINE/ *TRANSCRIPTION, GENETIC/ TRITIUM/ URIDINE
89. Andaloro VA JR, Babott D: Testicular involvement in plasma-cell leukemia. *Urology* 3:636-8, May 74
- ALLOPURINOL, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ HUMAN/ LEUKEMIA, PLASMACYTIC, etiology/ *LEUKEMIA, PLASMACYTIC, pathology/ MALE/ MIDDLE AGE/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, drug therapy/ NEOPLASM METASTASIS/ PLASMAPHERESIS/ PREDNISONE, therapeutic use/ RECURRENCE/ SKIN NEOPLASMS, surgery/ *TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, surgery/ VINCRISTINE, therapeutic use
90. Anders D, Schlenk R, Viethen J: Langzeitstudie über das idiopathische nephrotische Syndrom im Kindesalter. (bei 67 Kindern der Kinderklinik Erlangen von 1948-1973. *Klin Paediatr* 186:3-8, Jan 74 (Ger)
- ADRENAL CORTEX HORMONES, administration & dosage/ ADRENAL CORTEX HORMONES, therapeutic use/ AGE FACTORS/ BIOPSY/ BLOOD SEDIMENTATION/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HEMATURIA, etiology/ HUMAN/ KIDNEY, pathology/ MALE/ NEPHROTIC SYNDROME, blood/ NEPHROTIC SYNDROME, complications/ NEPHROTIC SYNDROME, diagnosis/ *NEPHROTIC SYNDROME, drug therapy/ NEPHROTIC SYNDROME, pathology/ PROGNOSIS/ PROTEINURIA, etiology/ RECURRENCE/ REMISSION/ UREA, blood
91. Andersen E: Depletion of thymus dependent lymphocytes in Hodgkin's disease. *Scand J Haematol* 12:263-9, 1974
- CYCLOPHOSPHAMIDE, therapeutic use/ ERYTHROCYTES, immunology/ FEMALE/ HODGKIN'S DISEASE, blood/ HODGKIN'S DISEASE, drug therapy/ *HODGKIN'S DISEASE, immunology/ HODGKIN'S DISEASE, radiotherapy/ HUMAN/ IMMUNE ADHERENCE REACTION/ *IMMUNITY, CELLULAR/ MALE/ PREDNISONE, therapeutic use/ PROCARBAZINE, therapeutic use/ SHEEP, immunology/ VINBLASTINE, therapeutic use
92. Andersen FE: Radiology of Pendred's syndrome. *Adv Otorhinolaryngol* 21:9-18, 1974
- ADOLESCENCE/ ADULT/ AGED/ BONE DEVELOPMENT/ CALCINOSIS, etiology/ COCHLEA, abnormalities/ DEAF-MUTISM, complications/ *DEAF-MUTISM, radiography/ EAR, MIDDLE, abnormalities/ FEMALE/ GOITER, complications/ *GOITER, radiography/ HEART ENLARGEMENT, etiology/ HUMAN/ LABYRINTH, radiography/ MALE/ MIDDLE AGE/ POSTURE/ SEMICIRCULAR CANALS, abnormalities/ SYNDROME/ THYROID DISEASES, complications/ TOMOGRAPHY, RADIOGRAPHIC/ TRACHEAL DISEASES, etiology/ VESTIBULAR APPARATUS, abnormalities/ VESTIBULAR APPARATUS, anatomy & histology
93. Anderson AB, Flint AP, Turnbull AC: Proceedings: Mechanism of action of glucocorticoids in induction of ovine parturition: effect on placental steroid metabolism. *J Endocrinol* 61:xxxvixxxvii, Apr 74
- ANIMAL EXPERIMENTS/ *DEXAMETHASONE, pharmacodynamics/ FEMALE/ *LABOR, INDUCED/ *PLACENTA, metabolism/ PREGNANCY/ PREGNENOLONE, metabolism/

AUTHOR SECTION

PROGESTERONE, metabolism/ *SHEEP,
physiology/ TRITIUM

SPECTROPHOTOMETRY/ SULFUR/ SULFUR
RADIOISOTOPES/ TRITIUM

94. Anderson DC: Sex-hormone-binding globulin.
Clin Endocrinol (Oxf) 3:69-96, Jan 74
ACROMEGALY, metabolism/ AGE FACTORS/
BINDING SITES/ *ESTRADIOL, blood/
ESTRADIOL, physiology/ FEMALE/
GYNECOMASTIA, metabolism/ HIRSUTISM,
metabolism/ HUMAN/ HYDROCORTISONE,
blood/ HYPERTHYROIDISM, metabolism/
KINETICS/ LIVER CIRRHOSIS, metabolism/
MALE/ MODELS, BIOLOGICAL/ MOLECULAR
WEIGHT/ MYXEDEMA, metabolism/ PROTEIN
BINDING/ RECEPTORS, DRUG/ SERUM
GLOBULINS, metabolism/ *TESTOSTERONE,
blood/ TESTOSTERONE, physiology/
TRANSCRIPTION, GENETIC, drug effects/
TRITIUM
95. Anderson DC: Sex-hormone-binding globulin.
Clin Endocrinol (Oxf) 3:69-96, Jan 74 (145 ref.)
*BETA GLOBULIN, metabolism/ *CARRIER
PROTEINS/ ESTRADIOL, blood/ ESTROGENS,
blood/ ETHINYL ESTRADIOL,
pharmacodynamics/ FEMALE/
GLUCOCORTICOIDS, pharmacodynamics/
*GLYCOPROTEINS, blood/ GYNECOMASTIA,
blood/ HIRSUTISM, blood/ HUMAN/
HYPERTHYROIDISM, blood/ HYPOGONADISM,
blood/ LH, blood/ LIVER, metabolism/ LIVER
CIRRHOSIS, blood/ MALE/
MEDROXYPROGESTERONE,
pharmacodynamics/ MOLECULAR WEIGHT/
MYXEDEMA, blood/ OVARIAN CYSTS, blood/
PROTEIN BINDING/ PUBERTY/ REVIEW/
SERUM GLOBULINS, analysis/ SERUM
GLOBULINS, physiology/ SEX FACTORS/
*SEX HORMONES, blood/ TESTICULAR
FEMINIZATION, blood/ TESTOSTERONE,
blood/ THYROXINE, pharmacodynamics
96. Anderson JM, Belton NR: Water and electrolyte
abnormalities in the human brain after severe
intrapartum asphyxia.
J Neurol Neurosurg Psychiatry 37:514-20, May 74
ASPHYXIA NEONATORUM, complications/
ASPHYXIA NEONATORUM, drug therapy/
*ASPHYXIA NEONATORUM, metabolism/
ASPHYXIA NEONATORUM, pathology/
AUTOPSY/ *BRAIN, metabolism/ BRAIN,
pathology/ BRAIN EDEMA, etiology/ *BRAIN
EDEMA, metabolism/ CEREBRAL ANOXIA,
etiology/ CEREBRAL CORTEX, metabolism/
CEREBRAL CORTEX, pathology/
DEXAMETHASONE, therapeutic use/
FEMALE/ HUMAN/ MALE/ MUSCLES,
pathology/ NECROSIS/ POTASSIUM,
metabolism/ SODIUM, metabolism/
*WATER-ELECTROLYTE BALANCE
97. Anderson JN, Peck EJ Jr, Clark JH: Nuclear receptor
estradiol complex: a requirement for uterotrophic
responses. Endocrinology 95:174-8, Jul 74
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ CELL NUCLEUS,
metabolism/ CYTOPLASM, metabolism/
*ESTRADIOL, metabolism/ ESTRADIOL,
pharmacodynamics/ FEMALE/ GLUCOSE,
metabolism/ ORGAN WEIGHT/ *RECEPTORS,
HORMONE/ TIME FACTORS/ TRITIUM/
UTERUS, cytology/ UTERUS, drug effects/
*UTERUS, metabolism
98. Anderson P, Slorach SA, Uvnäs B: 5-HT storage in rat
and rabbit blood platelets: the separation of
ATP-containing and
sulphomucopolysaccharide-containing granules.
Acta Physiol Scand 90:522-32, Mar 74
*ADENOSINE TRIPHOSPHATE, analysis/
ANIMAL EXPERIMENTS/ *BLOOD
PLATELETS, analysis/ CENTRIFUGATION,
DENSITY GRADIENT/ *CYTOPLASMIC
GRANULES, analysis/ FEMALE/
HEXOSAMINES, analysis/ HISTAMINE,
analysis/ MALE/ METHODS/ MICROSCOPY,
ELECTRON/ *MUCOPOLYSACCHARIDES,
analysis/ PROTEINS, analysis/ RABBITS/
RATS/ *SEROTONIN, analysis/
99. Anderson SG, Hackshaw BT: The effect of estrogen on
uterine blood flow and its distribution in nonpregnant
ewes. Am J Obstet Gynecol 119:589-95, 1 Jul 74
ANIMAL EXPERIMENTS/ AORTA,
THORACIC/ CAROTID ARTERY, EXTERNAL/
CATHETERIZATION/ CERIUM ISOTOPES/
CHROMIUM RADIOISOTOPES/ ESTRADIOL,
administration & dosage/ *ESTRADIOL,
pharmacodynamics/ FEMALE/ FEMORAL
ARTERY/ FLOWMETERS/ HEART
CATHETERIZATION/ HEART VENTRICLE/
INFUSIONS, PARENTERAL/ REGIONAL
BLOOD FLOW, drug effects/ SHEEP/
*UTERUS, blood supply/ VENA CAVA,
INFERIOR
100. Anderson TJ, Bewen JW: What is amyloid?
Scott Med J 19:61-3, Mar 74
*AMYLOID/ AMYLOID, analysis/ AMYLOID,
classification/ *AMYLOIDOSIS, pathology/
BIOTRANSFORMATION/ CHEMISTRY/
HUMAN/ IMMUNOGLOBULINS, analysis/
PARATHYROID GLANDS, pathology/
PROTEINS, analysis
101. Anderson WE, Gottesman ME, Pastan I: Studies with
cyclic adenosine monophosphate receptor and
stimulation of in vitro transcription of the Gal operon.
J Biol Chem 249:3592-6, 10 Jun 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ *BACTERIAL PROTEINS,
metabolism/ BINDING SITES, ANTIBODY/
COLIPHAGES/ DNA, VIRAL, metabolism/
DNA VIRUSES/ DRUG STABILITY/
ESCHERICHIA COLI, enzymology/
*ESCHERICHIA COLI, metabolism/
GALACTOSE/ GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
IMMUNE SERUMS/ MAGNESIUM,
pharmacodynamics/ *OPERON/ PROTEIN
BINDING/ RABBITS, immunology/
RECEPTORS, DRUG/ RIBONUCLEOTIDES,
pharmacodynamics/ RIFAMPIN,
pharmacodynamics/ RNA, MESSENGER,
biosynthesis/ *RNA POLYMERASE,
metabolism/ *TRANSCRIPTION, GENETIC,
drug effects
102. Andersson E, Smidt CM: Bronkieslimhinden efter
langtidsbehandling med beklometasondipropionat
(Becotide).
Ugeskr Laeger 136:1192-4, 27 May 74 (Dan)
ASTHMA, drug therapy/ BECLOMETHASONE,
pharmacodynamics/ BECLOMETHASONE,
therapeutic use/ BIOPSY/ *BRONCHI, drug
effects/ BRONCHI, pathology/
BRONCHOSCOPY/ ENGLISH ABSTRACT/
FEMALE/ *GLUCOCORTICOIDS,
pharmacodynamics/ HUMAN/ MALE/
*METHYLPREDNISOLONE, pharmacodynamics/
MUCOUS MEMBRANE, drug effects/ MUCOUS
MEMBRANE, pathology/ TIME FACTORS
103. Andersson KE, Hedner P, Persson CG: Differentiation
of the contractile effects of prostaglandin E2 and the
C-terminal octapeptide of cholecystokinin in isolated
guinea-pig gallbladder.
Acta Physiol Scand 90:657-63, Apr 74
ACETYLCHOLINE, antagonists & inhibitors/
ACETYLCHOLINE, pharmacodynamics/
ANIMAL EXPERIMENTS/ ARACHIDONIC
ACID, antagonists & inhibitors/
ARACHIDONIC ACID, pharmacodynamics/
CHOLECYSTOKININ, antagonists & inhibitors/
CHOLECYSTOKININ, pharmacodynamics/
DEPRESSION, CHEMICAL/
DIBENZOXAZEPINES, pharmacodynamics/
FEMALE/ *GALLBLADDER, drug effects/
GUINEA PIGS/ HYDRAZINES,
pharmacodynamics/ IN VITRO/
INDOMETHACIN, pharmacodynamics/ MALE/
*MUSCLE CONTRACTION, drug effects/
*PEPTIDES, pharmacodynamics/ PHLORETIN,
pharmacodynamics/ PROSTAGLANDINS,
antagonists & inhibitors/ *PROSTAGLANDINS,

AUTHOR SECTION

- pharmacodynamics/ STIMULATION, CHEMICAL
104. Andersson T, Landberg T, Möller TR: Kombinationskemoterapi vid Mb Hodgkin. Lakartidningen 71:1844-6, 2 May 74 (15 ref.) (Swe) ADOLESCENCE/ ADULT/ AGED/ BONE MARROW DISEASES, chemically induced/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ FEMALE/ *HODGKIN'S DISEASE, drug therapy/ HODGKIN'S DISEASE, mortality/ HODGKIN'S DISEASE, radiotherapy/ HUMAN/ MALE/ MIDDLE AGE/ MUSTARD COMPOUNDS, adverse effects/ PARESTHESIA, chemically induced/ PREDNISOLONE, adverse effects/ PROCARBAZINE, adverse effects/ PROGNOSIS/ REMISSION/ REVIEW/ THROMBOPHLEBITIS, chemically induced/ VINBLASTINE, adverse effects/ VINBLASTINE, therapeutic use/ VINCRISTINE, adverse effects/ VINCRISTINE, therapeutic use
 105. Andrade SG, Macêdo V: Tratamento combinado da doença de Chagas com Bayer 2502 e corticóide (estudo experimental e clínico. Rev Inst Med Trop São Paulo 15:421-30, Nov-Dec 73 (Por) ACUTE DISEASE/ ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ ANTIPROTOZOAL AGENTS, administration & dosage/ *ANTIPROTOZOAL AGENTS, therapeutic use/ BETAMETHASONE, administration & dosage/ *BETAMETHASONE, therapeutic use/ CHILD, PRESCHOOL/ CYCLIC S-OXIDES, therapeutic use/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ MALE/ MICE/ NITROFURANS, administration & dosage/ *NITROFURANS, therapeutic use/ *THIAZINES, therapeutic use/ *TRYPANOSOMIASIS, SOUTH AMERICAN, drug therapy
 106. Andre CM, James VH: Plasma testosterone, androstenedione and urinary 17-oxosteroids in hirsutism. J Endocrinol 61:xxxix-xxxix, Apr 74 ADULT/ *ANDROSTENEDIONE, blood/ CORTICOTROPIN, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ FEMALE/ *HIRSUTISM, blood/ HUMAN/ *17-KETOSTEROIDS, urine/ *TESTOSTERONE, blood
 107. Andreani D, Fallucca F, Tamburrano G, et al: Insulin, glucagon and growth hormone in primary adult myxoedema. Diabetologia 10:7-12, Feb 74 ARGININE, diagnostic use/ BLOOD SUGAR, analysis/ FEMALE/ *GLUCAGON, blood/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPOGLYCEMIA, diagnosis/ *INSULIN, blood/ INSULIN, diagnostic use/ INSULIN RESISTANCE/ MALE/ *MYXEDEMA, blood/ *SOMATOTROPIN, blood
 108. Andreasen PA, Schaumburg BP, Osterline K, et al: A rapid technique for separation of thymocytes from suspensions by centrifugation through silicone oil. Anal Biochem 59:610-6, Jun 74 BODY WATER/ CARBON RADIOISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMIUM RADIOISOTOPES/ DEXAMETHASONE, metabolism/ EDTA/ EXTRACELLULAR SPACE/ INULIN/ METHYL ETHERS/ OXYGEN CONSUMPTION/ RADIOISOTOPES/ *SILICONES, pharmacodynamics/ SODIUM, metabolism/ SODIUM ISOTOPES/ SUCROSE/ SULFUR RADIOISOTOPES/ THIOUREA/ *THYMUS GLAND, cytology/ THYMUS GLAND, drug effects/ THYMUS GLAND, metabolism/ TRITIUM
 109. Andreasen PB, Ranek L, Statland BE, et al: Plasma cyclic AMP and total catecholamines during acute myocardial infarction in man. Eur J Clin Invest 4:115-19, Apr 74 ACUTE DISEASE/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADULT/ *CATECHOLAMINES, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ PROTEIN BINDING/ SHOCK, CARDIOGENIC/ TIME FACTORS
 110. Andreev D, Strashimirov D, Ditzov S, et al: Experimental insulin deficiency due to insulin antibodies as a model for study of some antidiabetic effects. Endocrinol Exp (Bratisl) 8:127-35, Jun 74 ANIMAL EXPERIMENTS/ *ANTIBODIES/ BLOOD SUGAR/ *DIABETES MELLITUS, etiology/ DIABETES MELLITUS, prevention & control/ DISEASE MODELS, ANIMAL/ GLYCOSURIA, etiology/ *HYPOPHYSECTOMY/ *INSULIN, blood/ KETONE BODIES, urine/ MALE/ PITUITARY GLAND, physiology/ SWINE, immunology/ TIME FACTORS/ *TOLBUTAMIDE, pharmacodynamics
 111. Andreoli C: Induzione dell'ovulazione. Minerva Ginecol 26:147-58, Mar 74 (Ita) BASAL METABOLISM/ CLOMIPHENE, pharmacodynamics/ CLOMIPHENE, therapeutic use/ FEMALE/ FSH, blood/ HUMAN/ LH, blood/ LH-FSH RELEASING HORMONE, blood/ MENOTROPINS, pharmacodynamics/ MENOTROPINS, therapeutic use/ *OVULATION, drug effects/ STERILITY, FEMALE, blood/ *STERILITY, FEMALE, drug therapy
 112. Andreoli M, Monaco F, Beretta Anguissola A: Il carcinoma midollare della tiroide. Descrizione di un caso e revisione critica della sindrome di Sipple e delle associazioni tumorali neuroendocrine. Folia Endocrinol (Roma) 27:127-57, Apr 74 (Ita) *ADENOMA, familial & genetic/ AUTOSOME ABNORMALITIES/ CARCINOMA, complications/ CARCINOMA, enzymology/ *CARCINOMA, familial & genetic/ DOPA DECARBOXYLASE, analysis/ ENGLISH ABSTRACT/ FEMALE/ HISTAMINASE, analysis/ HISTAMINASE, blood/ HUMAN/ MIDDLE AGE/ NEURILEMMOMA, complications/ PARATHYROID NEOPLASMS, enzymology/ *PARATHYROID NEOPLASMS, familial & genetic/ PARATHYROID NEOPLASMS, pathology/ *PHEOCHROMOCYTOMA, familial & genetic/ THYROID GLAND, enzymology/ THYROID NEOPLASMS, enzymology/ *THYROID NEOPLASMS, familial & genetic/ THYROID NEOPLASMS, pathology
 113. Andresen O: Development of a radioimmunoassay for 5 alpha-androst-16-en-3-one in pig peripheral plasma. Acta Endocrinol (Kbh) 76:377-87, Jun 74 ANDROSTENEDIONE/ *ANDROSTENES, blood/ ANIMAL EXPERIMENTS/ ANTIBODIES/ BINDING SITES, ANTIBODY/ CASTRATION/ CHROMATOGRAPHY, THIN LAYER/ CROSS REACTIONS/ FEMALE/ IMMUNE SERUMS/ MALE/ METHODS/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ SWINE/ TIME FACTORS/ TRITIUM
 114. Andrews CJ, Somerville B: Levodopa combined with MK 486 (L-alpha-methyl dopahydrazine)-a peripheral decarboxylase inhibitor in Parkinson's disease. Med J Aust 1:429-32, 23 Mar 74 ADULT/ AGED/ *CARBOXY-LYASES, antagonists & inhibitors/ CLINICAL RESEARCH/ DOPA, administration & dosage/ DOPA, adverse effects/ *DOPA, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ *HYDRAZINES, therapeutic use/ MALE/ METHYLDOPAHYDRAZINE, therapeutic use/ MIDDLE AGE/ MOVEMENT DISORDERS, chemically induced/ NAUSEA, chemically induced/ NAUSEA, drug therapy/ *PARKINSONISM, drug therapy/ PLACEBOS
 115. Andrianova LA: Sostolanie nefrosekretornykh lader gipotalamusa posle kombinirovannogo vozdeistviia uskorenna i ioniziruiushchego radiatsii. Kosm Biol Aviakosm Med 8:14-7, May-Jun 74 (Rus) *ACCELERATION/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, cytology/ HYPOTHALAMUS, radiation effects/

AUTHOR SECTION

MALE/ *NEUROSECRETION/
NEUROSECRETION, radiation effects/
RABBITS/ *RADIATION EFFECTS/
VASOPRESSIN, blood

116. Anghileri LJ: Cellular lipoproteins, calcium and magnesium in Novikoff hepatoma, liver of tumor-bearing and liver of normal rats. *Oncology* 29:152-65, 1974

ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CELL FRACTIONATION/ CELL MEMBRANE, metabolism/ COMPARATIVE STUDY/ *HEPATOMA, metabolism/ *LIPOPROTEINS, metabolism/ *LIVER, metabolism/ *LIVER NEOPLASMS, metabolism/ *MAGNESIUM, metabolism/ NEOPLASMS, EXPERIMENTAL, metabolism/ PHOSPHOLIPIDS, metabolism/ PHOSPHORUS RADIOISOTOPES/ RNA, metabolism/ RNA, NEOPLASM, metabolism

117. Angsusingha K, Kenny FM, Nankin HR, et al: Unconjugated estrone, estradiol and FSH and LH in prepubertal and pubertal males and females. *J Clin Endocrinol Metab* 39:63-8, Jul 74
AGE FACTORS/ *ESTRADIOL, blood/
*ESTRONE, blood/ FEMALE/ *FSH, blood/
HUMAN/ *LH, blood/ MALE/ *PUBERTY/
RADIOIMMUNOASSAY/ SEX FACTORS

118. Ansari MK: Retentio testis oder Kryptorchismus. *Med Monatsschr* 28:19-25, Jan 74 (Ger)
ADOLESCENCE/ ADULT/ CHILD/
CRYPTORCHISM, diagnosis/ CRYPTORCHISM, etiology/ *CRYPTORCHISM, pathology/
CRYPTORCHISM, surgery/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ TESTIS, anatomy & histology/ TESTIS, growth & development/ *TESTIS, pathology

119. Antaki A, Somma M, Wyman H, et al: Hypothalamic-pituitary function in the olfacto-genital syndrome. *J Clin Endocrinol Metab* 38:1083-9, Jun 74
ADOLESCENCE/ ADULT/ ANOSMIA/
CHLORPROMAZINE, diagnostic use/ COLOR BLINDNESS/ *CORTICOTROPIN, blood/
*EUNUCHISM, physiopathology/ FEMALE/
FSH, blood/ HUMAN/ *HYPOGONADISM, physiopathology/
*HYPOTHALAMO-HYPOPHYSAL SYSTEM, physiopathology/ INSULIN, diagnostic use/
LH, blood/ LH-FSH RELEASING HORMONE, diagnostic use/ MALE/ MENTAL RETARDATION/ METYRAPONE, diagnostic use/
PROLACTIN, blood/ *SOMATOTROPIN, blood/ SYNDROME/ *THYROTROPIN, blood/
THYROTROPIN RELEASING HORMONE, diagnostic use

120. Anthony M: Plasma free fatty acid changes in migraine. *Proc Aust Assoc Neurol* 10:87-9, 1973
*FATTY ACIDS, NONESTERIFIED, blood/
FLUOROMETRY/ HUMAN/ *MIGRAINE, blood/ SEROTONIN, blood

121. Antia NH: The significance of nerve involvement in leprosy. *Plast Reconstr Surg* 54:55-63, Jul 74
BIOPSY/ CORTISONE, therapeutic use/
HUMAN/ *LEPROSY, complications/
LEPROSY, drug therapy/ LEPROSY, pathology/ LEPROSY, surgery/ NEURITIS, drug therapy/ *NEURITIS, etiology/
NEURITIS, pathology/ NEURITIS, surgery/
PARALYSIS, etiology/ PERIPHERAL NERVES, pathology/ SENSATION/ THALIDOMIDE, therapeutic use

122. Antoli-Candela F Jr, Stewart TJ: The pathophysiology of otologic facial paralysis. *Otolaryngol Clin North Am* 7:309-30, Jun 74 (35 ref.)
EAR, EXTERNAL/ EAR, MIDDLE, surgery/
FACIAL NERVE, abnormalities/ FACIAL NERVE, anatomy & histology/ FACIAL NERVE, blood supply/ FACIAL NERVE, injuries/ FACIAL NERVE, pathology/ FACIAL PARALYSIS, etiology/ *FACIAL PARALYSIS, physiopathology/ HERPES ZOSTER, complications/ HUMAN/ MASTOID, surgery/
MELKERSSON-ROSENTHAL SYNDROME, complications/ NERVE DEGENERATION/

NERVE REGENERATION/ OSTEOPETROSIS, complications/ OTITIS MEDIA, complications/
PERIPHERAL NERVE NEOPLASMS, complications/ REVIEW/ SKULL NEOPLASMS, complications/ SURGERY, OPERATIVE, adverse effects/ SYNDROME/ TEMPORAL BONE, abnormalities/ TEMPORAL BONE, injuries/ TEMPORAL BONE, surgery/
TYMPANOPLASTY

123. Anton-Lamprecht I: Zur Ultrastruktur hereditärer Verhornungsstörungen. IV. X-chromosomal-recessive Ichthyosis. *Arch Dermatol Forsch* 248:361-78, 20 Feb 74 (Ger)

BIOPSY/ CELL NUCLEUS/ CELLULAR INCLUSIONS/ ENGLISH ABSTRACT/
HUMAN/ ICHTHYOSIS, familial & genetic/
*ICHTHYOSIS, pathology/ LANGERHANS CELLS/ MICROSCOPY, ELECTRON/
ORGANOIDS/ *SEX CHROMOSOMES

124. Antonoff RS, Ferguson JJ Jr: Photoaffinity labeling with cyclic nucleotides. *J Clin Invest* 53:3319-21, Jun 74

*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, radiation effects/ ADRENAL GLANDS, metabolism/
ADRENAL GLANDS, radiation effects/
ANIMAL EXPERIMENTS/ CATTLE/ DRUG STABILITY/ GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ KINETICS/
MACROMOLECULAR SYSTEMS/ MALE/
PHOTOCHEMISTRY/ RADIATION EFFECTS/
*RECEPTORS, DRUG, radiation effects/
SHEEP/ STRUCTURE-ACTIVITY RELATIONSHIP/ TESTIS, metabolism/
TESTIS, radiation effects/ TRITIUM/
*ULTRAVIOLET RAYS

125. Anttila R, Koskiahde V, Laaksonen AL, et al: Specialproblem vid juvenil reumatoid artrit. *Lakartidningen* 71:2388-97, 5 Jun 74 (Swe)

ADRENAL CORTEX HORMONES, adverse effects/ AMYLOIDOSIS, etiology/
*ARTHRITIS, JUVENILE RHEUMATOID, complications/ ARTHRITIS, JUVENILE RHEUMATOID, diagnosis/ ARTHRITIS, JUVENILE RHEUMATOID, drug therapy/
BONE DEVELOPMENT/ CHLOROQUINE, adverse effects/ DIAGNOSIS, DIFFERENTIAL/
ENGLISH ABSTRACT/ EYE DISEASES, chemically induced/ EYE DISEASES, etiology/
FEMALE/ GOLD, adverse effects/ HUMAN/
INDOMETHACIN, adverse effects/ KIDNEY DISEASES, etiology/ MICROGNATHISM, etiology

126. Anzanel D, Dieterlen-Lièvre F, Salvatorelli G: Influence de différentes hormones sur l'évolution de foie embryonnaire de poulet en culture organotypique. *C R Acad Sci [D] (Paris)* 277:1809-11, 29 Oct 73 (Fre)

*CELL DIFFERENTIATION, drug effects/
CELLULAR INCLUSIONS, drug effects/
*CHICK EMBRYO, drug effects/
ENDOPLASMIC RETICULUM, drug effects/
GLUCAGON, pharmacodynamics/ *HORMONES, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ INSULIN, pharmacodynamics/ LIPIDS, metabolism/
LIVER, cytology/ *LIVER, embryology/
LIVER, growth & development/ LIVER, metabolism/ *LIVER GLYCOGEN, biosynthesis/
MICROSCOPY, ELECTRON/ MITOCHONDRIA, LIVER, drug effects/ ORGAN CULTURE

127. Aoki K, Yamashita K, Tomita N, et al: Proceedings: ATPase activity and Ca++ binding ability of subcellular membrane of arterial smooth muscle in spontaneously hypertensive rat. *Jap Heart J* 15:180-1, Mar 74

*ADENOSINE TRIPHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ ARTERIES, enzymology/ *ARTERIES, metabolism/
*CALCIUM, metabolism/ HYPERTENSION, enzymology/ *HYPERTENSION, metabolism/
MUSCLE, SMOOTH, enzymology/ *MUSCLE, SMOOTH, metabolism/ SARCOPLASMIC RETICULUM, metabolism

AUTHOR SECTION

128. Aoki N, Wakisaka G, Nagata I: [Multiple endocrine abnormalities and autoimmunity--a case associated with hypergammaglobulinemia]
Jap J Clin Med 31:3506-20, Dec 73 (Jap)
ADDISON'S DISEASE, immunology/ ANEMIA, PERNICIOUS, complications/ *AUTOIMMUNE DISEASES, complications/ DIABETES MELLITUS, etiology/ *ENDOCRINE DISEASES, etiology/ FEMALE/ HUMAN/ *HYPERGAMMAGLOBULINEMIA, complications/ MIDDLE AGE/ THYROID DISEASES, etiology
129. Aono T, Miyazaki M, Kurachi K: [Ovulation disorder]
Clin Endocrinol (Tokyo) 22:100-5, Jan 74 (Jap)
FEMALE/ HUMAN/ *OVULATION/ STERILITY, FEMALE, physiopathology/ *STERILITY, FEMALE, therapy
130. Aoyagi T, Yagisawa Y, Kumagai M, et al: Letter: New pepstatins, pepstatins Bu, Pr and Ac produced by Streptomyces. J Antibiot (Tokyo) 28:539-41, Sep 73
*ANTIBIOTICS, isolation & purification/ *ANTIBIOTICS, pharmacodynamics/ CATHEPSIN, antagonists & inhibitors/ CHEMISTRY/ OLIGOPEPTIDES, isolation & purification/ OLIGOPEPTIDES, pharmacodynamics/ PEPSIN, antagonists & inhibitors/ RENIN, antagonists & inhibitors/ *STREPTOMYCES, analysis
131. Aperia A, Bjarke B, Broberger O, et al: Renal function in Fallot's tetralogy.
Acta Paediatr Scand 63:398-404, May 74
ACID-BASE EQUILIBRIUM/ ALDOSTERONE, urine/ AMINOHIPURIC ACID, blood/ BLOOD/ CARBON DIOXIDE, blood/ FEMALE/ GLOMERULAR FILTRATION RATE/ HEMATOCRIT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INULIN, blood/ *KIDNEY, physiopathology/ MALE/ NATRIURESIS/ PARTIAL PRESSURE/ POTASSIUM, blood/ POTASSIUM, urine/ SODIUM, blood/ SODIUM, urine/ *TETRALOGY OF FALLOT, physiopathology/ TIME FACTORS/ URINE
132. Appleton DB, DeVivo DC: An animal model for the ketogenic diet. Epilepsia 15:211-27, Jun 74
ACETOACETATES, metabolism/ ACETYLTRANSFERASES, metabolism/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ BRAIN, enzymology/ *BRAIN, metabolism/ CALCIUM, metabolism/ COENZYME A/ COMPARATIVE STUDY/ CONVULSIONS, etiology/ *CONVULSIONS, prevention & control/ DIETARY CARBOHYDRATES, metabolism/ DIETARY CARBOHYDRATES, therapeutic use/ DIETARY FATS, metabolism/ *DIETARY FATS, therapeutic use/ DISEASE MODELS, ANIMAL/ ELECTROSHOCK/ HYDROXYBUTYRATE DEHYDROGENASE, metabolism/ HYDROXYBUTYRATES, metabolism/ KETO ACIDS/ LIPIDS, metabolism/ MALE/ PHOSPHATES, metabolism/ POTASSIUM, metabolism/ SODIUM, metabolism/ SULFURTRANSFERASES, metabolism
133. Aragonés J, Egozcue J: A method for sexing 90-day-old blood stains in absorbent and nonabsorbent materials. Acta Genet Med Gemellol (Roma) 22:113-6, 1973
*BLOOD STAINS/ FEMALE/ FLUORESCENT DYES/ *FORENSIC MEDICINE/ GLASS/ HUMAN/ MALE/ METHODS/ PAPER/ SEX CHROMOSOMES/ *SEX DETERMINATION/ STAINLESS STEEL/ TEXTILES/ TIME FACTORS/ WOOD
134. Argirova RM, Zakharova LG, Al'shtein AD: Vydelenie RNK-soderzhashchikh virusov tipa C iz perevivaemykh linii tkaney cheloveka.
Vopr Virusol 18:45-50, Jan-Feb 73 (Rus)
ACTINOMYCIN, pharmacodynamics/ *ANGIOSARCOMA, microbiology/ C-TYPE VIRUSES/ C-TYPE VIRUSES, analysis/ C-TYPE VIRUSES, enzymology/ *C-TYPE VIRUSES, isolation & purification/ *CARCINOMA, microbiology/ CENTRIFUGATION, DENSITY GRADIENT/ EMBRYO/ ENGLISH ABSTRACT/ MICE, INBRED CBA/ MICROSCOPY, ELECTRON/ MITOMYCIN, pharmacodynamics/ MOUSE TUMOR VIRUSES, pathogenicity/ *MUSCLES, microbiology/ *OVARIAN NEOPLASMS, microbiology/ PYLORIC ANTRUM/ REVERSE TRANSCRIPTASE, analysis/ RNA, VIRAL, isolation & purification/ SKIN, embryology/ *SKIN, microbiology
135. Argutinskaya SV, Knorre VI, Efimova LYU, et al: Change in the matrix activity and chemical composition of rat-liver chromatin during prolonged induction with hydrocortisone.
Mol Biol 7:661-6, May 74
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CARBON RADIOISOTOPES/ CELL-FREE SYSTEM/ *CHROMATIN, metabolism/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESCHERICHIA COLI, enzymology/ HISTONES, metabolism/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, pharmacodynamics/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ PHOSPHORUS RADIOISOTOPES/ PROTEINS, metabolism/ *RNA, biosynthesis/ RNA POLYMERASE, metabolism/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRANSCRIPTION, GENETIC
136. Arhem P, Frankenhaeuser B: Local anesthetics: effects on permeability properties of nodal membrane in myelinated nerve fibres from xenopus. Potential clamp experiments.
Acta Physiol Scand 91:11-21, May 74
ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BENZOCAINE, pharmacodynamics/ CALCIUM, metabolism/ CELL MEMBRANE PERMEABILITY, drug effects/ DEPRESSION, CHEMICAL/ HYDROGEN-ION CONCENTRATION/ *LIDOCAINE, pharmacodynamics/ MEMBRANE POTENTIALS, drug effects/ *NERVE FIBERS, MYELINATED, drug effects/ POTASSIUM, metabolism/ *PROCAINE, pharmacodynamics/ SODIUM, metabolism/ XENOPUS
137. Arikuni T, Ban T: Excitation and inhibition of hypothalamic neurons by cerebellar stimulation in rabbits. Experientia 30:504-5, 15 May 74
ANIMAL EXPERIMENTS/ BRAIN MAPPING/ *CEREBELLUM, physiology/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ EVOKED POTENTIALS/ *HYPOTHALAMUS, physiology/ NEURAL CONDUCTION/ NEURAL INHIBITION/ NEURAL INTERCONNECTIONS/ *NEURONS, physiology/ RABBITS
138. Arimura A, Debeljuk L, Schally AV: Blockade of the preovulatory surge of LH and FSH and of ovulation by anti-LH-RH serum in rats.
Endocrinology 95:323-5, Jul 74
ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ FEMALE/ *FSH, blood/ *IMMUNE SERUMS, pharmacodynamics/ *LH, blood/ *LH-FSH RELEASING HORMONE, antagonists & inhibitors/ *OVULATION, drug effects
139. Arimura A, Vilchez-Martinez JA, Schally AV: In vivo comparison of LH-RH and FSH-RH activities of (DES-GLY10) (PRO9-ethylamide)-LH-RH, (DES-GLY10)(PRO9-propylamide)-LH-RH, and LH-RH using immature male rats.
Proc Soc Exp Biol Med 146:17-20, May 74
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *FSH, blood/ *LH, blood/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ MALE/ RADIOIMMUNOASSAY/ RATS/ TIME FACTORS
140. Arkhipova LT: O vozmozhnosti lecheniya simpaticheskoi oftal'mii.
Vestn Oftalmol 2:76-7, Mar-Apr 74 (Rus)
ADULT/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ MALE/ *OPHTHALMIA,

AUTHOR SECTION

SYMPATHETIC, drug therapy/
PREDNISOLONE, therapeutic use

141. Armata J: O niebezpieczeństwie hiperuricemii w leczeniu ostrej białaczki, mięsaka limfatycznego i siateczki.

Pol Tyg Lek 29:1005-6, 10 Jun 74 (17 ref.) (Pol)

ACUTE DISEASE/ ALLOPURINOL, pharmacodynamics/ *ANTINEOPLASTIC AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, therapeutic use/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LYMPHOSARCOMA, drug therapy/ MERCAPTOPYRINE, adverse effects/ METHOTREXATE, adverse effects/ PREDNISONE, adverse effects/ REVIEW/ *SARCOMA, RETICULUM CELL, drug therapy/ *URIC ACID, blood/ XANTHINE OXIDASE, antagonists & inhibitors

142. Armata J, Cyklic R, Wyszowski J: Ten cases of so-called long survival in children with acute lymphoblastic leukemia.

Acta Paediatr Scand 63:369-72, May 74

BONE MARROW CELLS/ DIET/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LEUKEMIA, LYMPHOBLASTIC, mortality/ LEUKOCYTE COUNT/ MALE/ MERCAPTOPYRINE, therapeutic use/ METHOTREXATE, therapeutic use/ PREDNISOLONE, therapeutic use/ PROGNOSIS/ REMISSION/ TIME FACTORS/ VINCRISTINE, therapeutic use

143. Armata J, Wyszowski J: Fourteen relapses of acute lymphoblastic leukaemia in a child.

Haematologia (Budap) 7:413-7, 1973

AGRANULOCYTOSIS, complications/ ASPARAGINASE, therapeutic use/ BLOOD CELL COUNT/ BONE MARROW EXAMINATION/ CASE REPORT/ CHILD/ CYCLOPHOSPHAMIDE, therapeutic use/ CYTARABINE, therapeutic use/ DAUNOMYCIN, therapeutic use/ HEMOGLOBIN/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LEUKEMIA, LYMPHOBLASTIC, pathology/ MALE/ MERCAPTOPYRINE, therapeutic use/ METHOTREXATE, therapeutic use/ PNEUMONIA, etiology/ PREDNISONE, therapeutic use/ RECURRENCE/ VINCRISTINE, therapeutic use

144. Arnaud CD: Hyperparathyroidism and renal failure.

Kidney Int 4:89-95, Aug 73 (56 ref.)

AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ CALCIUM, blood/ CALCIUM, metabolism/ HEMODIALYSIS/ HUMAN/ *HYPERPARATHYROIDISM, SECONDARY, etiology/ *KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, metabolism/ KIDNEY FAILURE, CHRONIC, physiology/ KIDNEY FUNCTION TESTS/ PARATHYROID GLANDS, secretion/ PARATHYROID HORMONE/ PARATHYROID HORMONE, analysis/ PARATHYROID HORMONE, blood/ PARATHYROID HORMONE, metabolism/ PARATHYROID HORMONE, secretion/ PHOSPHATES, metabolism/ PHOSPHORUS, blood/ RADIOIMMUNOASSAY/ REVIEW/ SECRETORY RATE/ SPECIES SPECIFICITY/ VITAMIN D, metabolism

145. Arnaud CD: Third F. Raymond Keating, JR., Memorial Symposium--parathyroid hormone, calcitonin and vitamin D: clinical considerations. I. Introduction.

Am J Med 56:743-50, Jun 74

*CALCITONIN, metabolism/ HUMAN/ *HYPERPARATHYROIDISM, metabolism/ *PARATHYROID HORMONE, metabolism/ *VITAMIN D, metabolism/ VITAMIN D DEFICIENCY, metabolism

146. Arnaud CD, Goldsmith RS, Bordier PJ, et al: Influence of immunoheterogeneity of circulating parathyroid hormone on results of radioimmunoassays of serum in man. Am J Med 56:785-93, Jun 74

AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ *ANTIBODY SPECIFICITY/ *ANTIGENIC DETERMINANTS/ ANTIGENS, HETEROGENETIC/ CALCIUM, blood/ CATTLE/ CELL COUNT/ CHICKENS, immunology/ CROSS REACTIONS/ GEL FILTRATION/ GUINEA PIGS, immunology/ HUMAN/ HYPERPARATHYROIDISM, blood/ HYPERPARATHYROIDISM, pathology/ IODINE RADIOISOTOPES/ KIDNEY FAILURE, CHRONIC, blood/ MOLECULAR WEIGHT/ OSTEOCLASTS/ *PARATHYROID HORMONE, blood/ PEPTIDE FRAGMENTS/ *RADIOIMMUNOASSAY

147. Arnold R, Fuchs K, Siewert R, et al: Zur Morphologie, Klinik, Diagnostik und Therapie des Zollinger-Ellison-Syndroms. Beobachtungen an acht Patienten.

Dtsch Med Wochenschr 99:607-16, 29 Mar 74 (Ger)

ADENOMA, surgery/ ADULT/ CUSHING'S SYNDROME, complications/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ GASTRECTOMY/ GASTRIN, blood/ GASTRIN, secretion/ GLUCAGON, diagnostic use/ HUMAN/ HYPERINSULINISM, complications/ HYPERPARATHYROIDISM, complications/ MALE/ MIDDLE AGE/ PANCREATIC NEOPLASMS, surgery/ SECRETIN, diagnostic use/ STREPTOZOTOCIN, therapeutic use/ *ZOLLINGER-ELLISON SYNDROME, blood/ ZOLLINGER-ELLISON SYNDROME, complications/ ZOLLINGER-ELLISON SYNDROME, diagnosis/ ZOLLINGER-ELLISON SYNDROME, drug therapy/ ZOLLINGER-ELLISON SYNDROME, enzymology/ ZOLLINGER-ELLISON SYNDROME, immunology/ ZOLLINGER-ELLISON SYNDROME, pathology/ ZOLLINGER-ELLISON SYNDROME, surgery

148. Arnold WJ, Kelley WN: Hypoxanthine-guanine phosphoribosyltransferase (HGPRT) deficiency: immunologic studies on the mutant enzyme.

Adv Exp Med Biol 41:177-85, 1973

BRAIN, enzymology/ COMPARATIVE STUDY/ CROSS REACTIONS/ ERYTHROCYTES, enzymology/ ERYTHROCYTES, immunology/ GEL DIFFUSION TESTS/ GUANINE NUCLEOTIDES/ HEMOLYSIS/ HUMAN/ INOSINE NUCLEOTIDES/ KINETICS/ *LESCH-NYHAN SYNDROME, enzymology/ LIVER, enzymology/ MALE/ MUTATION/ ORGAN SPECIFICITY/ PENTOSEPHOSPHATES/ *PENTOSYLTRANSFERASES, metabolism/ RABBITS, immunology/ SPLEEN, enzymology/ TESTIS, enzymology

149. Aronson M, Medalia O, Griffel B: Prevention of ascending pyelonephritis in mice by urease inhibitors. Nephron 12:94-104, 1974

ANIMAL EXPERIMENTS/ BACTERIURIA/ ESCHERICHIA COLI, isolation & purification/ ESCHERICHIA COLI INFECTIONS, microbiology/ ESCHERICHIA COLI INFECTIONS, pathology/ ESCHERICHIA COLI INFECTIONS, prevention & control/ FEMALE/ GERM-FREE LIFE/ HYDROXYUREA, administration & dosage/ HYDROXYUREA, pharmacodynamics/ HYDROXYUREA, therapeutic use/ INJECTIONS, INTRAPERITONEAL/ KIDNEY, microbiology/ MICE, INBRED ICR/ PROTEUS INFECTIONS, pathology/ PROTEUS INFECTIONS, prevention & control/ PROTEUS MIRABILIS, isolation & purification/ PYELONEPHRITIS, microbiology/ PYELONEPHRITIS, pathology/ *PYELONEPHRITIS, prevention & control/ THIOUREA, administration & dosage/ THIOUREA, pharmacodynamics/ THIOUREA, therapeutic use/ *UREASE, antagonists & inhibitors

150. Arturson G, Jonsson CE: Effects of O-(beta-hydroxyethyl)-rutosides (HR) and indomethacin on transcapillary macromolecular transport and prostaglandins following scalding injury. Bibl Anat 12:465-70, 1973

AUTHOR SECTION

- ALCOHOL, ETHYL, pharmacodynamics/
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ *BURNS, physiopathology/
*CAPILLARY PERMEABILITY, drug effects/
DEPRESSION, CHEMICAL/ DEXTRAN,
metabolism/ DOGS/ *INDOMETHACIN,
pharmacodynamics/ *LYMPH, analysis/
MACROMOLECULAR SYSTEMS, metabolism/
MICROCIRCULATION, drug effects/
*MICROCIRCULATION, physiopathology/
*PROSTAGLANDINS, antagonists & inhibitors/
PROSTAGLANDINS, biosynthesis/
PROSTAGLANDINS, physiology/ PROTEINS,
metabolism/ *RUTIN, pharmacodynamics
151. Arya SN, Das GC: Nephropathy after acute
hypervitaminosis-D (an experimental study).
J Indian Med Assoc 61:503-6, 16 Dec 73
ACUTE DISEASE/ ANIMAL EXPERIMENTS/
FEMALE/ KIDNEY, pathology/ MALE/
*NEPHROCALCINOSIS, chemically induced/
NEPHROCALCINOSIS, pathology/ *VITAMIN
D, toxicity
152. Asano Y, Moroji T: Effects of methamphetamine on
daily rhythms of hypothalamic norepinephrine,
serotonin and plasma corticosterone levels in the rat.
Life Sci 14:1463-72, 16 Apr 74
ANIMAL EXPERIMENTS/ *CIRCADIAN
RHYTHM, drug effects/ COMPARATIVE
STUDY/ *CORTICOSTERONE, blood/
HYPOTHALAMUS, drug effects/
*HYPOTHALAMUS, metabolism/ MALE/
*METHAMPHETAMINE, pharmacodynamics/
*NOREPINEPHRINE, metabolism/ RATS/
*SEROTONIN, metabolism/ SPECTROMETRY,
FLUORESCENCE/ TIME FACTORS
153. Aschoff J: Das circadiane System. Grundlagen der
Tagesperiodik und ihrer Bedeutung für angewandte
Physiologie und Klinik.
Verh Dtsch Ges Inn Med 79:19-31, 1973 (Ger)
AMINO ACIDS, analysis/ ANIMAL
EXPERIMENTS/ *CIRCADIAN RHYTHM/
HUMAN/ HYDROCORTISONE, blood/
HYDROXYCORTICOSTEROIDS, analysis/ MICE/
MITOSIS/ RATS/ SLEEP
154. Ashford JJ, Lambie JW: A detailed assessment
procedure of anti-inflammatory effects of drugs on
experimental immunogenic uveitis in rabbits.
Invest Ophthalmol 13:414-21, Jun 74
ANIMAL EXPERIMENTS/
*ANTI-INFLAMMATORY AGENTS, therapeutic
use/ BODY TEMPERATURE/ CORNEA,
physiopathology/ DEXAMETHASONE,
therapeutic use/ EDEMA, pathology/
FLUORESCENCE ANGIOGRAPHY/
HYPEREMIA, pathology/ IMMUNIZATION/
INFLAMMATION/ INJECTIONS/ IRIS,
pathology/ LENS, CRYSTALLINE, pathology/
MALE/ METHODS/ OXYPHENBUTAZONE,
therapeutic use/ RABBITS/ SERUM
ALBUMIN, BOVINE, administration & dosage/
STATISTICS/ *UVEITIS, drug therapy/
UVEITIS, etiology/ UVEITIS, immunology/
UVEITIS, pathology/ VITREOUS BODY
155. Astedt B, Jeppsson S: Letter: Thromboembolism and
oral contraceptives. Br Med J 2:333, 11 May 74
*CONTRACEPTIVES, ORAL, adverse effects/
ESTRADIOL, pharmacodynamics/ ETHINYL
ESTRADIOL, pharmacodynamics/ FEMALE/
FIBRINOLYSIS, drug effects/ HUMAN/
*THROMBOEMBOLISM, chemically induced
156. Astedt B, Pandolfi M: Zur Bestimmung der
Fibrinolyseaktivatoren.
Folia Haematol (Leipz) 101:132-7, 1974 (Ger)
AORTA, enzymology/ BONE MARROW,
enzymology/ CYCLOHEXANECARBOXYLIC
ACIDS, pharmacodynamics/ DURA MATER,
enzymology/ ENZYME ACTIVATION/ FETUS/
*FIBRIN, metabolism/ *FIBRINOGEN,
metabolism/ *FIBRINOLYSIS, drug effects/
HUMAN/ IMMUNOCHEMISTRY/ KIDNEY,
enzymology/ LIVER, enzymology/ LUNG,
enzymology/ PIA MATER, enzymology/
PLACENTA, enzymology/ PLASMINOGEN/
- TISSUE CULTURE/ VENAE CAVAE,
enzymology
157. Astier H: Présence d'une fraction importante de
protéines iodées (non hormonales) dans le PBI des
oiseaux.
C R Acad Sci [D] (Paris) 276:793-6, 29 Jan 73 (Fre)
ANIMAL EXPERIMENTS/ ANIMAL
NUTRITION/ *BIRDS, physiology/ *BLOOD
PROTEINS, analysis/ DUCKS/ IODINE, blood/
IODINE ISOTOPES/ *IODOPROTEINS, blood/
MALE/ PIGEONS/ POULTRY/ PROTEIN
BINDING/ PROTEIN-BOUND IODINE TEST/
QUAIL/ *THYROID GLAND, physiology/
THYROID HORMONES, blood
158. Astrup J: The effect of hypokalaemia and of digoxin
therapy on red cell sodium and potassium content.
Some clinical aspects.
Scand J Clin Lab Invest 33:11-6, Feb 74
ALKALOSIS, chemically induced/
BIOLOGICAL TRANSPORT, ACTIVE, drug
effects/ CELL MEMBRANE PERMEABILITY,
drug effects/ DEPRESSION, CHEMICAL/
DIGITALIS GLYCOSIDES, pharmacodynamics/
DIGITALIS GLYCOSIDES, therapeutic use/
DIGOXIN, pharmacodynamics/ *DIGOXIN,
therapeutic use/ *ERYTHROCYTES,
metabolism/ FLUDROCORTISONE, adverse
effects/ HUMAN/ HYPOKALEMIA, chemically
induced/ HYPOKALEMIA, drug therapy/
*HYPOKALEMIA, metabolism/ LEG, blood
supply/ *POTASSIUM, blood/
RADIOIMMUNOASSAY/ *SODIUM, blood/
STIMULATION, CHEMICAL/ TIME FACTORS
159. Atherly AG: Ribonucleic acid regulation in
preembryonic cells of Escherichia coli capable of
ribonucleic acid and protein synthesis.
J Bacteriol 118:1186-9, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ *BACTERIAL PROTEINS,
biosynthesis/ BACTERIOLOGICAL TECHNIQS/
CARBON RADIOISOTOPES/ CELL COUNT/
*COLD/ ESCHERICHIA COLI, cytology/
ESCHERICHIA COLI, enzymology/
ESCHERICHIA COLI, growth & development/
*ESCHERICHIA COLI, metabolism/
GALACTOSIDASE, biosynthesis/ GUANOSINE
TRIPHOSPHATE, biosynthesis/ MAGNESIUM/
NUCLEIC ACID HYBRIDIZATION/
PERMEABILITY/ PHENYLALANINE,
metabolism/ PHOSPHORUS RADIOISOTOPES/
RIFAMPIN, pharmacodynamics/ *RNA,
BACTERIAL, biosynthesis/ RNA, RIBOSOMAL,
biosynthesis/ TRITIUM/ TROMETHAMINE/
URACIL NUCLEOTIDES, metabolism/
URIDINE, metabolism
160. Atherton A, Born GV: In vivo measurement of the
adhesiveness of granulocytes to blood vessel walls.
Bibl Anat 12:138-45, 1973
ANIMAL EXPERIMENTS/ BLOOD FLOW
VELOCITY/ CELL ADHESION/ CHEEK, blood
supply/ CHEMOTAXIS/ FOLIC ACID,
pharmacodynamics/ HAMSTERS/
*INFLAMMATION, physiopathology/
IONTOPHORESIS/ LEUKOCYTE COUNT/
LEUKOCYTES, drug effects/ *LEUKOCYTES,
physiology/ MESENTERY, blood supply/
MICE/ PROSTAGLANDINS, pharmacodynamics/
*VEINS, drug effects
161. Atkins D, Peacock M: Proceedings: Effect of vitamin D
and its metabolites on bone in tissue culture.
N Engl J Med 291:1111-1112, 11 Jun 74
*BONE AND BONES, drug effects/ BONE
AND BONES, metabolism/ CALCIUM,
metabolism/
DIHYDROXYCHOLECALCIFEROLS,
pharmacodynamics/
HYDROXYCHOLECALCIFEROL,
pharmacodynamics/ TISSUE CULTURE/
*VITAMIN D, pharmacodynamics
162. Atkinson KF, Blickenstaff RT: Intramolecular
catalysis. VII: The nature of side chain shielding of the
12alpha-hydroxyl group of steroids.
Steroids 23:895-908, Jun 74
ACETIC ACIDS/ ACETYLATION/

AUTHOR SECTION

ANHYDRIDES/ CHEMISTRY/ CHOLANES, chem synthesis/ CHROMATOGRAPHY, GAS/ COMPUTERS, DIGITAL/ HYDROXYSTERIODS, chem synthesis/ KETOSTERIODS, chem synthesis/ MOLECULAR CONFORMATION/ NORSTERIODS, chem synthesis/ NUCLEAR MAGNETIC RESONANCE/ PREGNANES, chem synthesis/ PYRIDINES/ SPECTROPHOTOMETRY, INFRARED

163. Attallah AA, Duchesne MJ, Lee JB: The effect of salicylic acid on plasma PGA binding and metabolism in the rat. *Prostaglandins* 6:547-8, 25 Jun 74

ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BIOLOGICAL TRANSPORT, ACTIVE/ *BLOOD PROTEINS, metabolism/ DEPRESSION, CHEMICAL/ *PROTAGLANDINS, metabolism/ *PROTEIN BINDING, drug effects/ *SALICYLIC ACID, pharmacodynamics/ TRITIUM

164. Attallah AA, Payakkapan W, Lee JB: Metabolism of prostaglandin A. I. The kidney cortex as a major site of PGA₂ degradation. *Life Sci* 14:1521-34, 16 Apr 74

ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ *KIDNEY CORTEX, metabolism/ KIDNEY MEDULLA, metabolism/ ORGAN SPECIFICITY/ PROTAGLANDINS, blood/ *PROTAGLANDINS, metabolism/ PROTAGLANDINS, urine/ RABBITS/ SILICA/ TRITIUM

165. Atuk NO: Letter: Intravenous aminophylline. *Lancet* 1:1056, 25 May 74

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADRENAL GLANDS, drug effects/ *AMINOPHYLLINE, administration & dosage/ AMINOPHYLLINE, adverse effects/ BRAIN, drug effects/ CARDIOVASCULAR SYSTEM, drug effects/ CATECHOLAMINES, secretion/ DEATH, SUDDEN/ HUMAN/ INJECTIONS, INTRAVENOUS

166. Aubert ML, Becker RL, Saxena BB, et al: Report of the National Pituitary Agency. Collaborative study of the radioimmunoassay of human prolactin. *J Clin Endocrinol Metab* 38:1115-20, Jun 74

CHLORAMINES/ IMMUNE SERUMS/ INDICATORS AND REAGENTS/ IODINE/ IODINE RADIOISOTOPES/ METHODS/ *PROLACTIN, analysis/ RADIOIMMUNOASSAY

167. Aufdermaur M: Pathologische Anatomie der peripheren Gelenke bei der progredient chronischen Polyarthritits (PCP) und bei der Spondylitis ankylopoetica Bechterew (Sp.a). *Radiol Clin Biol* 43:292-303, 1974 (Ger)

ARTHRITIS, RHEUMATOID, complications/ *ARTHRITIS, RHEUMATOID, pathology/ ENGLISH ABSTRACT/ FEMALE/ FINGER JOINT/ HUMAN/ *JOINTS, pathology/ KNEE JOINT/ MALE/ OSTEOPOROSIS, etiology/ SPONDYLITIS, ANKYLOSING, complications/ *SPONDYLITIS, ANKYLOSING, pathology/ SYNOSTOSIS, etiology

168. Aufdermaur M: Pathologische Anatomie der peripheren Gelenke bei der progredient chronischen Polyarthritits (PCP) und bei der Spondylitis ankylopoetica Bechterew (Sp.a). *Radiol Clin Biol* 43:292-303, 1974 (Ger)

ADULT/ AGED/ ARTHRITIS, RHEUMATOID, complications/ *ARTHRITIS, RHEUMATOID, pathology/ ENGLISH ABSTRACT/ FEMALE/ FINGER JOINT/ HUMAN/ *JOINTS, pathology/ KNEE JOINT/ MALE/ MIDDLE AGE/ OSTEOPOROSIS, etiology/ SPONDYLITIS, ANKYLOSING, complications/ *SPONDYLITIS, ANKYLOSING, pathology/ SYNOSTOSIS, etiology

169. Aunis D, Miras-Portugal MT, Mandel P: pH-dependent deuterium solvent isotope effects on bovine adrenal medullary dopamine-beta-hydroxylase. *Biochem Biophys Res Commun* 57:1192-9, 23 Apr 74

*ADRENAL MEDULLA, enzymology/ ANIMAL EXPERIMENTS/ CATTLE/ COMPARATIVE STUDY/ DEUTERIUM/ *DOPAMINE BETA HYDROXYLASE, antagonists & inhibitors/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ KINETICS/ TIME FACTORS/ TRITIUM

170. Ausková M, Rezábek K, Zikán V, et al: Laktationshemmende Wirkung von N-(D-6-Methyl-8-Isoergolin-1-yl)-N',N'-diäthylharnstoff (VUFB-6638). *Experientia* 30:393-4, 15 Apr 74 (Ger)

ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ COMPARATIVE STUDY/ DRUG SYNERGISM/ ERGOLINES, administration & dosage/ *ERGOLINES, pharmacodynamics/ FEMALE/ *LACTATION, drug effects/ LETHAL DOSE 50/ OXYTOCIN, pharmacodynamics/ PROLACTIN, pharmacodynamics/ UREA, administration & dosage/ UREA, pharmacodynamics

171. Aussel C, Uriel J, Mercier-Bodard C: Rat alpha-fetoprotein: Isolation, characterization and estrogen-binding properties. *Biochimie* 55:1431-7, 1973

ADSORPTION/ ALPHA GLOBULIN, analysis/ *ALPHA GLOBULIN, isolation & purification/ ALPHA GLOBULIN, metabolism/ AMINO ACIDS, analysis/ AMNIOTIC FLUID, analysis/ ANIMAL EXPERIMENTS/ ANTIBODIES/ AUTORADIOGRAPHY/ CENTRIFUGATION, DENSITY GRADIENT/ DIALYSIS/ DIETHYLSTILBESTROL, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESTRADIOL, metabolism/ ESTRIOL, metabolism/ *ESTROGENS, metabolism/ ESTRONE, metabolism/ FEMALE/ FETAL GLOBULINS, analysis/ *FETAL GLOBULINS, isolation & purification/ FETAL GLOBULINS, metabolism/ GEL DIFFUSION TESTS/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ PREGNANCY/ PROTEIN BINDING/ RATS/ SODIUM DODECYL SULFATE/ TRITIUM

172. Austin S, McGeoch D: The synthesis in vitro of RNA polymerase subunits of Escherichia coli. *Proc Natl Acad Sci USA* 70:2420-3, Aug 73

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ CELL-FREE SYSTEM/ COLIPHAGES, analysis/ DNA, VIRAL, isolation & purification/ DNA, VIRAL, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, enzymology/ MOLECULAR WEIGHT/ RNA POLYMERASE, analysis/ *RNA POLYMERASE, biosynthesis/ TEMPLATES/ TRANSCRIPTION, GENETIC/ TRANSLATION, GENETIC/ TRITIUM

173. Avioli LV: Collagen metabolism, uremia and bone. *Kidney Int* 4:105-15, Aug 73 (102 ref.)

AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ BONE REGENERATION/ CALCIUM RADIOISOTOPES/ COLLAGEN, analysis/ COLLAGEN, biosynthesis/ *COLLAGEN, metabolism/ DEPRESSION, CHEMICAL/ ELASTIN, analysis/ HUMAN/ HYDROXYPROLINE, blood/ HYDROXYPROLINE, urine/ HYPERPARATHYROIDISM, SECONDARY, metabolism/ KIDNEY FAILURE, CHRONIC, metabolism/ MICROSCOPY, ELECTRON/ PARATHYROID HORMONE, pharmacodynamics/ PROLINE, metabolism/ *RENAL OSTEODYSTROPHY, metabolism/ REVIEW/ STIMULATION, CHEMICAL/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRITIUM/ *UREMIA, metabolism

174. Avioli LV: The therapeutic approach to hypoparathyroidism. *Am J Med* 57:34-42, Jul 74 (103 ref.)

ANIMAL EXPERIMENTS/ ANTICONVULSANTS, metabolism/

AUTHOR SECTION

- BIOTRANSFORMATION/ CONTRACEPTIVES,
ORAL, metabolism/ DIET/
DIHYDROTACHYSTEROL, therapeutic use/
DIURETICS, metabolism/ DRUG RESISTANCE/
EMOTIONS/ ESTROGENS, metabolism/
FEMALE/ HOMEOSTASIS, drug effects/
HUMAN/ *HYDROXYCHOLECALCIFEROL,
therapeutic use/ HYPERCALCEMIA,
chemically induced/ HYPOCALCEMIA,
chemically induced/ HYPOPARATHYROIDISM,
blood/ *HYPOPARATHYROIDISM, drug
therapy/ MAGNESIUM DEFICIENCY,
metabolism/ PARATHYROID HORMONE,
blood/ PHOSPHATES, blood/ REVIEW/
STRESS, PSYCHOLOGICAL/ TRANQUILIZING
AGENTS, metabolism/ VITAMIN D,
administration & dosage/ VITAMIN D, adverse
effects/ *VITAMIN D, therapeutic use
175. Avioli LV: Editorial: Vitamin D, the kidney and calcium
homeostasis. *Kidney Int* 2:241-6, Nov 73 (62 ref.)
BONE AND BONES, metabolism/ BONE
DISEASES, drug therapy/ *CALCIUM,
metabolism/ CHOLECALCIFEROL, metabolism/
DIHYDROTACHYSTEROL, therapeutic use/
*HOMEOSTASIS, drug effects/ INTESTINAL
ABSORPTION/ *KIDNEY, metabolism/
KIDNEY FAILURE, CHRONIC, metabolism/
REVIEW/ UREMIA, metabolism/ VITAMIN D,
metabolism/ *VITAMIN D, physiology/
VITAMIN D, therapeutic use
176. Avis HH: The neuropharmacology of aggression: a
critical review. *Psychol Bull* 81:47-63, Jan 74 (128 ref.)
ACETYLCHOLINE, metabolism/
AGGRESSION, drug effects/ ANIMAL
EXPERIMENTS/ APPETITIVE BEHAVIOR/
BEHAVIOR, ANIMAL, drug effects/ BRAIN
CHEMISTRY, drug effects/
CATECHOLAMINES, pharmacodynamics/
CHLORDIAZEPOXIDE, pharmacodynamics/
HISTAMINE, pharmacodynamics/
METHYLYTYROSINES, pharmacodynamics/
*NEURAL TRANSMISSION, drug effects/
NOREPINEPHRINE, metabolism/ PAIN/
PARASYMPATHOLYTICS, pharmacodynamics/
PARASYMPATHOMIMETICS,
pharmacodynamics/
PSYCHOPHARMACOLOGY/ REVIEW/
SEROTONIN, pharmacodynamics/ SOCIAL
ISOLATION
177. Axelrod D, Klein MP: Fluorescent Ca²⁺ analogs in
nerve: rare-earth ions.
Biochem Biophys Res Commun 57:927-33, 8 Apr 74
ACTION POTENTIALS/ ANIMAL
EXPERIMENTS/ *CALCIUM, metabolism/
CELL MEMBRANE, metabolism/ COMPUTERS,
DIGITAL/ *EUROPIUM, metabolism/ FISHES/
OLFACTORY NERVE, cytology/ *OLFACTORY
NERVE, metabolism/ POTASSIUM/
*RECEPTORS, DRUG/ SPECTROMETRY,
FLUORESCENCE/ *TERBIUM, metabolism
178. Axelrod J: The pineal gland: a neurochemical
transducer. *Science* 184:1341-8, 28 Jun 74 (62 ref.)
ACETYLTRANSFERASES, metabolism/
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ANIMAL EXPERIMENTS/
BIOGENIC AMINES, metabolism/ *CIRCADIAN
RHYTHM/ FROGS/ HAMSTERS/
ISOPROTERENOL, pharmacodynamics/ LIGHT/
MALE/ *MELATONIN, biosynthesis/
METHYLTRANSFERASES, metabolism/
MODELS, BIOLOGICAL/ *NEUROHUMORS,
metabolism/ NEURONS, physiology/
NOREPINEPHRINE, metabolism/
NOREPINEPHRINE, pharmacodynamics/
PHOTIC STIMULATION/ PINEAL BODY, drug
effects/ PINEAL BODY, enzymology/ PINEAL
BODY, metabolism/ *PINEAL BODY,
physiology/ RATS/ RECEPTORS,
ADRENERGIC/ REVIEW/ SEROTONIN,
metabolism/ TISSUE CULTURE
179. Ayles GB, Sanders TG, Kieffer BJ, et al:
Temperature-sensitive mutations in *Drosophila*
melanogaster. XI. Male sterile mutants of the Y
chromosome. *Dev Biol* 32:239-57, Jun 73
ANIMAL EXPERIMENTS/ CHROMOSOME
- MAPPING/ *DROSOPHILA MELANOGASTER/
GENETIC COMPLEMENTATION TEST/ MALE/
METHANESULFONATES, pharmacodynamics/
MICROSCOPY, ELECTRON/ *MUTATION/
*SEX CHROMOSOMES/ SEX CHROMOSOMES,
drug effects/ SPERMATOGENESIS/
STERILITY, MALE/ TEMPERATURE/ TIME
FACTORS
180. Azizi F, Vagenakis AG, Bollinger J, et al: Persistent
abnormalities in pituitary function following neonatal
thyrotoxicosis in the rat.
Endocrinology 94:1681-8, Jun 74
ANIMAL EXPERIMENTS/ BODY WEIGHT/
DIET/ *HYPERTHYROIDISM, physiopathology/
IODINE, metabolism/ IODINE
RADIOISOTOPES/ IODOTYROSINE,
metabolism/ *PITUITARY GLAND,
physiopathology/ RATS/ THYROID GLAND,
metabolism/ THYROID GLAND,
physiopathology/ THYROIDECTOMY/
THYROTROPIN, blood/ THYROTROPIN
RELEASING HORMONE, pharmacodynamics/
THYROXINE, blood/ TRIIODOTHYRONINE,
metabolism
181. Azizi F, Vagenakis AG, Bush JE, et al: Effect of
propranolol on various aspects of thyroid function in
the rat. *Metabolism* 23:525-9, Jun 74
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ BODY WEIGHT/ INFUSIONS,
PARENTERAL/ IODINE RADIOISOTOPES,
metabolism/ MALE/ METHODS/ ORGAN
WEIGHT/ *PROPRANOLOL, administration &
dosage/ PROTEIN-BOUND IODINE TEST/
RATS/ THYROID GLAND/ *THYROID
GLAND, drug effects/ THYROID GLAND,
metabolism/ THYROTROPIN, blood/
THYROXINE, blood/ THYROXINE,
metabolism/ THYROXINE-BINDING PROTEIN
182. Aznar R: Estudio del d-norgestrel como anticonceptivo.
Ginecol Obstet Mex 35:191-5, Feb 74 (Spa)
ADULT/ ENGLISH ABSTRACT/ EVALUATION
STUDIES/ FEMALE/ HUMAN/ NORGESTREL,
administration & dosage/ *NORGESTREL,
adverse effects/ OVULATION, drug effects/
PREGNANCY/ TIME FACTORS
183. Aznar Reig A, Zamora Madaria E, Herrera Justiniano E,
et al: Hiperparatiroidismo primario y cirrosis hepática
con anastomosis portocava.
Rev Clin Esp 132:459-66, 15 Mar 74 (Spa)
AUTOPSY/ DIAGNOSIS, DIFFERENTIAL/
FEMALE/ HUMAN/
*HYPERPARATHYROIDISM, complications/
HYPERPARATHYROIDISM, pathology/ LIVER,
pathology/ *LIVER CIRRHOSIS, complications/
LIVER CIRRHOSIS, pathology/ MIDDLE AGE/
PARATHYROID GLANDS, pathology/
RADIOISOTOPE SCANNING
184. Azouli R, Kans P, Harran D: Comportement des dents
aux basses températures (incidence sur les
hétérogreffes) et approche d'étude de certaines
macromolécules. I.
Med Hyg (Geneve) 32:798, 1 May 74 (Fre)
BONE AND BONES, metabolism/
MACROMOLECULAR SYSTEMS/ SPECIAL
LIST DENTAL/ TEMPERATURE/ TOOTH,
metabolism/ TRANSPLANTATION,
HETEROLOGOUS
185. Azuma H, Maruyama HB: Biochemically active
substances from Actinomycetes and other organisms.
II. Effects of various compounds on motility.
J Antibiot (Tokyo) 27:185-91, Mar 74
*ACTINOMYCETALES, analysis/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ AMINO ACIDS,
pharmacodynamics/ ANTIBIOTICS, analysis/
*ANTIBIOTICS, pharmacodynamics/
ATROPINE, pharmacodynamics/ *BACTERIA,
drug effects/ BACTERIOLOGICAL TECHNIQS/
CARBOHYDRATES, pharmacodynamics/ *CELL
MOVEMENT, drug effects/ DEPRESSION,
CHEMICAL/ METALS, pharmacodynamics/
PHYSOSTIGMINE, pharmacodynamics/
*PROTOZOA, drug effects/ STIMULATION,

AUTHOR SECTION

CHEMICAL/ STRYCHNINE, pharmacodynamics/
VITAMINS, pharmacodynamics

B

186. Baader O: Colposcopic findings in contraception. J Reprod Med 12:186, May 74
CERVIX HYPERTROPHY, chemically induced/
*COLPOSCOPY/ *CONTRACEPTION/
CONTRACEPTIVES, ORAL, adverse effects/
FEMALE/ HUMAN/ HYPEREMIA, chemically
induced/ INTRAUTERINE DEVICES/
PHOTOGRAPHY

187. Baar S: Mechanisms of delayed red cell destruction after thermal injury. An experimental in vitro sem study. Br J Exp Pathol 55:187-93, Apr 74
AGE FACTORS/ *BURNS, blood/ BURNS, physiopathology/ CELL SURVIVAL/
EPINEPHRINE, pharmacodynamics/
ERYTHROCYTE AGING/ *ERYTHROCYTES/
ERYTHROCYTES, drug effects/ HEAT, adverse effects/ HUMAN/ IN VITRO/
LYSOLECITHIN, pharmacodynamics/
MEMBRANE POTENTIALS, drug effects/
MICROSCOPY, ELECTRON/ NEURAMINIDASE, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ SURFACE PROPERTIES/
TEMPERATURE/ TRYPSIN, pharmacodynamics

188. Babenko GA, Shabel'nik DIA: Ustanovlenie prinadlezhnosti platin mochi ot beremennykh zhenshchin s pomoshch'yu nabora "gravimun". Sud Med Ekspert 17:35-8, Apr-Jun 74 (Rus)
ABORTION/ AMENORRHEA/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EXPERT TESTIMONY/ FEMALE/ *FORENSIC MEDICINE/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ *PREGNANCY TESTS/
PUERPERIUM/ SPECIMEN HANDLING/
*URINE

189. Babson SG, Henderson NB: Fetal undergrowth: relation of head growth to later intellectual performance. Pediatrics 53:890-4, Jun 74
CHILD/ *CHILD DEVELOPMENT/ CHILD, PRESCHOOL/ FEMALE/ *FETUS, growth & development/ *HEAD, growth & development/
HUMAN/ INFANT/ INFANT, NEWBORN/
*INTELLIGENCE/ INTELLIGENCE TESTS/
MENTAL RETARDATION, occurrence/
*PLACENTA DISORDERS, complications/
PREGNANCY

190. Babukhadia VD: O srokhakh operativnogo lechenia kriptorkhizma. Klin Khir 10:40-3, Oct 73 (Rus)
ADOLESCENCE/ ADULT/ AGE FACTORS/
CHILD/ CHILD, PRESCHOOL/
CRYPTORCHISM, pathology/
CRYPTORCHISM, surgery/ HUMAN/ MALE/
TESTIS, pathology/ TIME FACTORS

191. Bacchus H: Endocrine profiles in the clinical laboratory. Prog Clin Pathol 4:1-110, 1972 (217 ref.)
ADRENAL CORTEX HORMONES, metabolism/
ADRENAL CORTEX HORMONES, physiology/
ADRENAL GLAND DISEASES, diagnosis/
ADRENAL GLAND NEOPLASMS, diagnosis/
ADRENAL MEDULLA/ CATECHOLAMINES, metabolism/ CHROMAFFIN SYSTEM, metabolism/ DIABETES INSIPIDUS, diagnosis/
*ENDOCRINE DISEASES, diagnosis/ FEMALE/
HUMAN/ HYPOGONADISM, diagnosis/
HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ MALE/ METHODS/ OVARIAN DISEASES, diagnosis/ OVARY, physiology/
PARATHYROID DISEASES, diagnosis/
PARATHYROID GLANDS, physiology/
PITUITARY-ADRENAL FUNCTION TESTS/
PITUITARY GLAND, physiology/ PITUITARY GLAND FUNCTION TESTS/ PITUITARY HORMONES, ANTERIOR, physiology/
REVIEW/ TESTIS, physiology

192. Bach D, Miller IR: Interaction of vasopressin with phosphatidylserine bilayers. Biochim Biophys Acta 339:367-73, 29 Mar 74
BINDING SITES/ *CEPHALINS/ ELECTRIC

CONDUCTIVITY/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ *MEMBRANES, ARTIFICIAL/ MODELS, BIOLOGICAL/
OSMOLAR CONCENTRATION/ PROTEIN BINDING/ SERINE/ SODIUM CHLORIDE/
THERMODYNAMICS/ *VASOPRESSIN

193. Bach JF, Judet C, Arce S, et al: Exploration de la fonction thymique chez l'homme. II. Le phénomène des "rosettes-mouton", marqueur des lymphocytes T chez l'homme. Nouv Presse Med 3:655-60, 16 Mar 74 (Fre)

ACID-BASE EQUILIBRIUM/ ALDRICH SYNDROME, physiopathology/
ANTIGEN-ANTIBODY REACTIONS/
ERYTHROCYTES, immunology/ FEMALE/
HISTOLOGICAL TECHNIQS/ HODGKIN'S DISEASE, physiopathology/ HUMAN/ IMMUNE ADHERENCE REACTION/
IMMUNOSUPPRESSIVE AGENTS, adverse effects/ KIDNEY FAILURE, CHRONIC, physiopathology/ LEUKEMIA, LYMPHOCYTIC, physiopathology/ MALE/ MONILIASIS, physiopathology/ SARCOIDOSIS, physiopathology/ THYMUS GLAND, immunology/ THYMUS GLAND, physiology/
THYROIDITIS, LYMPHOMATOUS, physiopathology/ TRANSPLANTATION, HETEROLOGOUS

194. Bach MK: A molecular theory to explain the mechanisms of allergic histamine release. J Theor Biol 45:131-51, May 74

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADENOSINE TRIPHOSPHATASE, physiology/ ADENYL CYCLASE, physiology/
CALCIUM/ CELL MEMBRANE/ CELL MOVEMENT/ CHYMOTRYPSIN, physiology/
ENZYME PRECURSORS/ ESTERASES/
*HISTAMINE LIBERATION/
HYPERSENSITIVITY/ MAST CELLS, secretion/ MICROTUBULES, physiology/
*MODELS, BIOLOGICAL/ PHOSPHOLIPASE, physiology/ PHOSPHOLIPIDS/
PROSTAGLANDINS, physiology

195. Badr FM, Bartke A: Effect of ethyl alcohol on plasma testosterone level in mice. Steroids 23:321-3, Jun 74
ALCOHOL, ETHYL, administration & dosage/
*ALCOHOL, ETHYL, pharmacodynamics/
ANIMAL EXPERIMENTS/ BODY WEIGHT/
DEPRESSION, CHEMICAL/ MALE/ MICE, INBRED CBA/ ORGAN WEIGHT/
RADIOIMMUNOASSAY/ TESTIS, drug effects/
*TESTOSTERONE, blood

196. Badrinas F, Rodriguez-Rolsin R, Rives A, et al: Multiple myeloma with pleural involvement. Am Rev Respir Dis 110:82-7, Jul 74

BIOPSY/ CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, COMBINATION/
ELECTROPHORESIS/ HUMAN/ IGA/
IMMUNOELECTROPHORESIS/
IMMUNOGLOBULIN FRAGMENTS/ MALE/
MULTIPLE MYELOMA, complications/
MULTIPLE MYELOMA, diagnosis/ MULTIPLE MYELOMA, drug therapy/ *MULTIPLE MYELOMA, immunology/ MULTIPLE MYELOMA, pathology/ MULTIPLE MYELOMA, radiography/ PLEURAL EFFUSION, etiology/
PLEURAL EFFUSION, radiography/ PLEURAL NEOPLASMS, complications/ PLEURAL NEOPLASMS, diagnosis/ PLEURAL NEOPLASMS, drug therapy/ *PLEURAL NEOPLASMS, immunology/ PLEURAL NEOPLASMS, pathology/ PLEURAL NEOPLASMS, radiography/ PREDNISONE, therapeutic use

197. Baenkler HW: Die klinische Bedeutung des Immunglobulins. Dtsch Med Wochenschr 99:590-6, 22 Mar 74 (65 ref.) (Ger)

ADENYL CYCLASE, antagonists & inhibitors/
ANIMAL EXPERIMENTS/ ANTIBODIES/
BINDING SITES, ANTIBODY/ HISTAMINE, biosynthesis/ HUMAN/ HYPERSENSITIVITY, IMMEDIATE/ *IGE, analysis/ IGE, biosynthesis/ IGE, isolation & purification/
IGE, metabolism/ IMMUNE SERUMS/

AUTHOR SECTION

- LEUKOCYTES, immunology/ MAST CELLS, immunology/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ PASSIVE CUTANEOUS ANAPHYLAXIS/ PHOSPHODIESTERASES, antagonists & inhibitors/ PLASMA CELLS, metabolism/ PRIMATES/ REVIEW
198. Baethmann A, Lanksch W, Schmiedek P: Formation and treatment of cerebral edema. *Neurochirurgia* (Stuttg) 17:37-47, Mar 74
ALDOSTERONE, therapeutic use/ ANIMAL EXPERIMENTS/ BLOOD-BRAIN BARRIER/ *BRAIN EDEMA/ BRAIN EDEMA, drug therapy/ BRAIN EDEMA, etiology/ BRAIN EDEMA, therapy/ BRAIN INJURIES, ACUTE, complications/ DEXAMETHASONE, therapeutic use/ ETHACRYNIC ACID, therapeutic use/ FUROSEMIDE, therapeutic use/ HUMAN/ HYPERBARIC OXYGENATION/ HYPOTENSION, CONTROLLED/ INJECTIONS, INTRAVENOUS/ MANNITOL, administration & dosage/ SORBITOL, administration & dosage/ SPIRONOLACTONE, therapeutic use/ TIME FACTORS
199. Bagadi HO: The incidence of mastitis organisms in relation to advancement of lactation. *Br Vet J* 130:33-5, Mar-Apr 74
AGE FACTORS/ ANIMAL EXPERIMENTS/ CORYNEBACTERIUM, isolation & purification/ FEMALE/ *LACTATION/ *MASTITIS, BOVINE, microbiology/ STAPHYLOCOCCUS, isolation & purification/ STREPTOCOCCUS, isolation & purification
200. Bagon J, Brunaut C: Ostéodystrophie et calcinose dans l'insuffisance rénale chronique traitée par hémodialyse itérative. *J Radiol Electrol Med Nucl* 55:35-9, Jan 74 (Fre)
ADOLESCENCE/ ADULT/ ALKALINE PHOSPHATASE, blood/ BONE AND BONES, radiography/ *CALCINOSIS, etiology/ CALCINOSIS, metabolism/ CALCINOSIS, radiography/ CALCINOSIS, therapy/ CALCIUM, blood/ CHILD/ ENGLISH ABSTRACT/ *HEMODIALYSIS, adverse effects/ HUMAN/ *KIDNEY FAILURE, CHRONIC, therapy/ MIDDLE AGE/ OSTEOMALACIA, etiology/ PARATHYROID GLANDS, surgery/ *RENAL OSTEODYSTROPHY, etiology/ RENAL OSTEODYSTROPHY, metabolism/ RENAL OSTEODYSTROPHY, radiography/ RICKETS, etiology/ STATISTICS/ UREMIA, metabolism
201. Bahu RM, Battifora H, Shambaugh G 3d: Functional black adenoma of the adrenal gland. Light and electron microscopical study. *Arch Pathol* 98:139-42, Aug 74
ADENOMA, complications/ *ADENOMA, pathology/ ADENOMA, radiography/ ADENOMA, surgery/ ADRENAL GLAND NEOPLASMS, complications/ *ADRENAL GLAND NEOPLASMS, pathology/ ADRENAL GLAND NEOPLASMS, radiography/ ADRENAL GLAND NEOPLASMS, surgery/ *ADRENAL GLANDS, pathology/ ADRENAL GLANDS, radiography/ ADRENAL GLANDS, surgery/ ANGIOGRAPHY/ CASE REPORT/ CELL MEMBRANE/ CELL NUCLEUS/ CELLULAR INCLUSIONS/ *CUSHING'S SYNDROME, etiology/ CUSHING'S SYNDROME, pathology/ CUSHING'S SYNDROME, radiography/ CUSHING'S SYNDROME, surgery/ CYTOPLASM/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ FEMALE/ HUMAN/ MITOCHONDRIA/ PIGMENTS
202. Baile CA, Martin FH: Relationship between prostaglandin E₁, polyphosphatase and alpha and beta adrenoceptor-bound feeding loci in the hypothalamus of sheep. *Pharmacol Biochem Behav* 1:539-45, Sep-Oct 73
ADRENERGIC ALPHA RECEPTOR AGONISTS, pharmacodynamics/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/ ADRENERGIC BETA RECEPTOR AGONISTS, pharmacodynamics/ ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE, drug effects/ *EATING, drug effects/ HYPOTHALAMUS, anatomy & histology/ *HYPOTHALAMUS, drug effects/ ISOPROTERENOL, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ *PHLORETIN, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ *RECEPTORS, CHOLINERGIC, drug effects/ SHEEP
203. Ballenger J, Larcher-Fourrier MF: Influence des hormones androgènes sur le parasitisme des souris mâles par *Hymenolepis nana*. II. Action de la testostérone. *Ann Parasitol Hum Comp* 48:661-6, Sep-Oct 73 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/ ENGLISH ABSTRACT/ *HYMENOLEPIASIS, immunology/ *IMMUNITY, drug effects/ MALE/ MICE/ PUBERTY/ *RODENT DISEASES, immunology/ SEX FACTORS/ STATISTICS/ *TESTOSTERONE, administration & dosage
204. Bailey PJ, Dougherty HW, Mandel L, et al: Distribution of enzymes of glycogen metabolism and calcium uptake in skeletal muscle. *Arch Biochem Biophys* 161:592-600, 2 Apr 74
ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *CALCIUM, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ DIABETES MELLITUS, chemically induced/ DIABETES MELLITUS, metabolism/ GLUCOSEPHOSPHATES, metabolism/ *GLYCOGEN, metabolism/ GLYCOGEN SYNTHETASE, metabolism/ MALE/ MICROSCOPY, ELECTRON/ MUSCLES, cytology/ MUSCLES, enzymology/ *MUSCLES, metabolism/ PHOSPHODIESTERASES, metabolism/ PHOSPHORUS RADIOISOTOPES/ STREPTOZOTOCIN/ SUBCELLULAR FRACTIONS, metabolism/ TIME FACTORS/ TRITIUM/ ULTRACENTRIFUGATION
205. Baird DT, Fraser IS: Blood production and ovarian secretion rates of estradiol-17 beta and estrone in women throughout the menstrual cycle. *J Clin Endocrinol Metab* 38:1009-17, Jun 74
ADULT/ CARBON RADIOISOTOPES/ CORPUS LUTEUM, secretion/ ESTRADIOL, blood/ *ESTRADIOL, secretion/ ESTRONE, blood/ *ESTRONE, secretion/ FEMALE/ GRAAFIAN FOLLICLE, secretion/ HUMAN/ *MENSTRUATION/ METABOLIC CLEARANCE RATE/ MIDDLE AGE/ OVARY, blood supply/ OVULATION/ RADIOISOTOPE DILUTION TECHNIC/ SECRETORY RATE/ VEINS
206. Baker BI: Proceedings: Stimulation of melanocyte-stimulating hormone release in vitro by cyclic AMP. *N Engl J Med* 291:1xxv, 11 Jun 74
ANIMAL EXPERIMENTS/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ IN VITRO/ METHODS/ *MSH, secretion/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ STIMULATION, CHEMICAL
207. Baker BI, Keshavanath P, Sundararaj BI: The cell-types in the adenohypophysis of the Indian catfish *Heteropneustes fossilis* (Bloch). *Cell Tissue Res* 148:347-58, 30 Apr 74
ANIMAL EXPERIMENTS/ CELL NUCLEOLUS/ CELL NUCLEUS/ CORTICOTROPIN, secretion/ CYTOPLASMIC GRANULES/ *FISHES, anatomy & histology/ METYRAPONE, pharmacodynamics/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, secretion/ PROLACTIN, secretion/ RESERPINE, pharmacodynamics/ SOMATOTROPIN, secretion/ THIOUREA, pharmacodynamics/ THYROTROPIN, secretion/ THYROXINE, pharmacodynamics
208. Baker BS: The maternal and zygotic control of development by cinnamon, a new mutant in *Drosophila melanogaster*. *Dev Biol* 33:429-40, Aug 73

AUTHOR SECTION

- ALDEHYDE OXIDOREDUCTASES, metabolism/ ALLELES/ ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ *DROSOPHILA MELANOGASTER, embryology/ DROSOPHILA MELANOGASTER, enzymology/ *EXTRACHROMOSOMAL INHERITANCE/ EYE, embryology/ FERTILIZATION/ GENOTYPE/ *MUTATION/ *OVUM/ PHENOTYPE/ PIGMENTS/ PTERIDINES/ PURINES/ SEX CHROMOSOMES/ XANTHINES
209. Baker RD, Linares G: Prednisolone-induced mucormycosis in rhesus monkeys. *Drugs* 7:75-80, 1974
ANIMAL EXPERIMENTS/ AUTOPSY/ *DISEASE MODELS, ANIMAL/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ KIDNEY, pathology/ LYMPHOID TISSUE, pathology/ *MACACA/ *MUCORMYCOSIS, chemically induced/ MUCORMYCOSIS, pathology/ ORGAN SPECIFICITY/ *PREDNISOLONE, adverse effects/ RHIZOPUS, growth & development/ *RHIZOPUS, isolation & purification/ SPORES, FUNGAL/ STOMACH, pathology
210. Bakke JL, Lawrence NL, Robinson S: The effect of morphine on pituitary-thyroid function in the rat. *Eur J Pharmacol* 25:403-6, Mar 74
ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ GOITER, chemically induced/ HYPOTHALAMO-HYPOPHYSAL SYSTEM, metabolism/ MALE/ *MORPHINE, pharmacodynamics/ ORGAN WEIGHT/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, metabolism/ PROPYLTHIOURACIL/ PROPYLTHIOURACIL, pharmacodynamics/ RATS/ TESTIS, anatomy & histology/ TESTIS, drug effects/ THYROID GLAND, anatomy & histology/ *THYROID GLAND, drug effects/ THYROTROPIN, antagonists & inhibitors/ *THYROTROPIN, biosynthesis/ TIME FACTORS
211. Bakken AH: A cytological and genetic study of oogenesis in *Drosophila melanogaster*. *Dev Biol* 33:100-22, Jul 73
CHROMOSOME MAPPING/ CROSSING OVER (GENETICS)/ *DROSOPHILA MELANOGASTER, cytology/ DROSOPHILA MELANOGASTER, drug effects/ DROSOPHILA MELANOGASTER, embryology/ FETAL MEMBRANES/ GENETIC COMPLEMENTATION TEST/ METHANESULFONATES/ *MUTATION/ OVARY, abnormalities/ OVIPOSITION/ OVUM, drug effects/ *OVUM, growth & development/ PHENOTYPE/ RECOMBINATION, GENETIC/ STERILITY, FEMALE
212. Baklavashian OG, Astvatsatryan EG: Sravnitel'noe elektrofiziologicheskoe issledovanie gipotalamicheskoi proektii afferentnykh sistem chrevnogo i sedalishchnogo nervov. *Fiziol Zh SSSR* 59:1326-36, Sep 73 (Rus)
ANIMAL EXPERIMENTS/ CATS/ COMPARATIVE STUDY/ ELECTRIC STIMULATION/ ELECTRODES/ ELECTROPHYSIOLOGY, instrumentation/ ENGLISH ABSTRACT/ EVOKED POTENTIALS/ *HYPOTHALAMUS, physiology/ *NEURONS, physiology/ NEURONS, AFFERENT, physiology/ REACTION TIME/ *SCIATIC NERVE, physiology/ SOMATOSENSORY CORTEX, physiology/ *SPLECHNIC NERVES, physiology
213. Baksheev NS: Pytannia teorii i praktiki skorotlyvoi funktsii matki. *Pediatr Akush Ginekol* 3:33-9, May-Jun 74 (Ukr)
ANIMAL EXPERIMENTS/ FEMALE/ HUMAN/ LABOR/ *MUSCLE CONTRACTION/ MYOFIBRILS, physiology/ MYOSIN, physiology/ SEX HORMONES, physiology/ *UTERUS, physiology
214. Baksheev NS, Stepankovskaya GK, Kiseleva AF: Nekotorye biokhimicheskie i gistokhimicheskie izmeneniya v matke i platsente v rodakh i mekhanizm ikh vlianiya na plod. *Aktuel Probl Klin Biochem* 49:12-8, Jul 73 (Rus)
ASPHYXIA NEONATORUM, metabolism/ BIOGENIC AMINES, metabolism/ ENGLISH ABSTRACT/ FEMALE/ *FETUS, metabolism/ HUMAN/ INFANT, NEWBORN/ *LABOR/ LABOR COMPLICATIONS, metabolism/ *PLACENTA, metabolism/ PREGNANCY/ *UTERUS, metabolism
215. Baláz V, Slavkovský M, Balázová E: Vplyv vysokohorakej aklimatizácie na metabolickú odpoveď po adrenokortikotropnom hormóne a po záťaži hypoxiou vo výške 6000 m n. m. *Fysiatr Reumatol Vestn* 52:157-64, Jun 74 (Slo)
*ADAPTATION, PHYSIOLOGICAL/ *ALTITUDE/ ANIMAL EXPERIMENTS/ *ANOXIA, metabolism/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, pharmacodynamics/ LIPIDS, metabolism/ MYOCARDIUM, metabolism
216. Balázs G, Krasznai G: Post-mortem-Untersuchung des okkulten Schilddrüsenkarzinoms in kropfendemisehen. *Wien Klin Wochenschr* 86:339-44, 14 Jun 74 (Ger)
ADENOCARCINOMA, etiology/ ADENOCARCINOMA, pathology/ AMYLOID, isolation & purification/ AUTOPSY/ CARCINOMA, etiology/ CARCINOMA, pathology/ CARCINOMA, TRANSITIONAL CELL, etiology/ CARCINOMA, TRANSITIONAL CELL, pathology/ DISEASE RESERVOIRS/ ENGLISH ABSTRACT/ FEMALE/ GOITER, ENDEMIC, complications/ *GOITER, ENDEMIC, pathology/ HUMAN/ HUNGARY/ LYMPHATIC METASTASIS/ MALE/ STAINS AND STAINING/ THYROID NEOPLASMS, etiology/ *THYROID NEOPLASMS, pathology
217. Baldwin DM, Colombo JA, Sawyer CH: Plasma prolactin, LH, and corticosterone in rats exposed to a novel environment. *Am J Physiol* 226:1366-9, Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/ *CORTICOSTERONE, blood/ *ENVIRONMENT/ ESTRADIOL, pharmacodynamics/ ESTRUS/ FEMALE/ FLUOROMETRY/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ *LH, blood/ PROGESTERONE, pharmacodynamics/ *PROLACTIN, blood/ RADIOIMMUNOASSAY/ *STRESS/ TIME FACTORS
218. Balestreri R, Bertolini S, Ellicio N: Effetto del propranololo sulla funzione del sistema ipotalamo-ipofiso-corticosurrenalico nei normali e negli obesi durante il test dell'ipoglicemia insulinica. *Arch E Maragliano Patol Clin* 29:15-35, Jan 73 (Ita)
*BLOOD SUGAR, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOTHALAMO-HYPOPHYSAL SYSTEM, drug effects/ HYPOTHALAMO-HYPOPHYSAL SYSTEM, metabolism/ INSULIN, diagnostic use/ MALE/ *OBESITY, metabolism/ PITUITARY-ADRENAL SYSTEM/ *PITUITARY-ADRENAL SYSTEM, drug effects/ *PROPRANOLOL, pharmacodynamics
219. Balestreri R, Jacopino GE, Barreca T, et al: Studio della riserva corticotropinica ipofisaria mediante il metoprone in soggetti trattati con un'associazione steroidica e con i singoli componenti. *Folia Endocrinol (Roma)* 27:168-78, Apr 74 (Ita)
ADULT/ *BETAMETHASONE, pharmacodynamics/ *CORTICOTROPIN, metabolism/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ 17-KETOSTEROIDS, urine/ MALE/ *METHYLPREDNISOLONE, pharmacodynamics/ *METYRAPONE, diagnostic use/ MIDDLE AGE/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, metabolism/ *PREDNISOLONE, pharmacodynamics
220. Ballivet J, Marin A, Gisselmann A: Aspects de

AUTHOR SECTION

- l'hypersexualité observée chez le parkinsonien lors du traitement par la L-dopa.
Ann Med Psychol (Paris) 2:515-22, Nov 73 (Fre)
ADULT/ AGED/ *DOPA, adverse effects/
DOPA, metabolism/ DOPA, therapeutic use/
HUMAN/ HYPOTHALAMO-HYPOPHYSAL
SYSTEM, metabolism/ MIDDLE AGE/
*PARKINSONISM, SYMPTOMATIC, drug
therapy/ SEROTONIN, metabolism/ *SEX
DISORDERS, etiology/ SEX HORMONES,
metabolism
221. Balmer JA: Vaginal-zytologisch kontrollierte
hormonale Kontrazeption.
Praxis 63:486-90, 23 Apr 74 (Ger)
ADOLESCENCE/ ADULT/ BASOPHILS,
analysis/ COMPARATIVE STUDY/
*CONTRACEPTIVES, ORAL,
pharmacodynamics/ ENGLISH ABSTRACT/
EOSINOPHILS, analysis/ EPITHELIUM, drug
effects/ ESTROGENS, analysis/ FEMALE/
HUMAN/ MENSTRUATION/ PERIODICITY/
PROGESTATIONAL HORMONES, analysis/
SOMATOTYPES/ VAGINA, analysis/ VAGINA,
cytology/ *VAGINA, drug effects/ *VAGINAL
SMEARS
222. Balnave D, Pearce J: Induction by gonadal hormones of
hepatic lipogenic enzyme activity in immature
pullets. J Endocrinol 61:39-43, Apr 74
ANALYSIS OF VARIANCE/ ANIMAL
EXPERIMENTS/ ATP CITRATE LYASE,
analysis/ BODY WEIGHT/ *CHICKENS,
metabolism/ CYCLOHEXIMIDE,
pharmacodynamics/ DNA, analysis/ ENZYME
INDUCTION/ *ESTRADIOL, pharmacodynamics/
FEMALE/ FLUOROURACIL,
pharmacodynamics/ INJECTIONS,
INTRAMUSCULAR/ LIVER, analysis/ LIVER,
drug effects/ *LIVER, enzymology/ MALATE
DEHYDROGENASE, analysis/ NADP, analysis/
ORGAN WEIGHT/ *PROGESTERONE,
pharmacodynamics/ RNA, analysis/
*TESTOSTERONE, pharmacodynamics
223. Balsam A, Leppo LE: Enhanced binding of
3,5,3'-L-triiodothyronine by rat kidney microsomes
after acclimation to cold.
Proc Soc Exp Biol Med 145:1401-4, Apr 74
*ACCLIMATIZATION/ ANIMAL
EXPERIMENTS/ BODY WEIGHT/ *COLD/
IODINE RADIOISOTOPES/ KIDNEY, anatomy
& histology/ KIDNEY, cytology/ *KIDNEY,
metabolism/ LIVER, metabolism/
MICROSOMES, metabolism/ MUSCLES,
metabolism/ ORGAN WEIGHT/ RATS/
SUBCELLULAR FRACTIONS, metabolism/
*TRIIODOTHYRONINE, metabolism
224. Balsam A, Leppo LE: Stimulation of the peripheral
metabolism of L-thyroxine and and
3,5,3'-L-triiodothyronine in the physically trained rat.
Endocrinology 95:299-302, Jul 74
ANIMAL EXPERIMENTS/ BLOOD PROTEINS,
metabolism/ *EXERTION/ FECES, analysis/
IODINE RADIOISOTOPES/ KINETICS/ LIVER,
metabolism/ MALE/ METABOLIC
CLEARANCE RATE/ THYROXINE, blood/
*THYROXINE, metabolism/ THYROXINE,
urine/ TRIIODOTHYRONINE, blood/
*TRIIODOTHYRONINE, metabolism/
TRIIODOTHYRONINE, urine
225. Baltrukiewicz Z: Narazenie na promieniowanie
jonizujące związane ze stosowaniem izotopów
promieniotwórczych w diagnostyce lekarskiej.
Pol Przegl Radiol 38:77-83, 1974 (Pol)
ENGLISH ABSTRACT/ GONADS, radiation
effects/ HUMAN/ *RADIATION DOSAGE/
*RADIATION EFFECTS/ *RADIOISOTOPE
SCANNING, adverse effects
226. Banerjee SK, Kundu SC: Observations on tuberculous
pleural effusion.
J Indian Med Assoc 61:427-9, 16 Nov 73
ANTITUBERCULAR AGENTS, therapeutic use/
COMPARATIVE STUDY/ DEXAMETHASONE,
therapeutic use/ DRAINAGE/ FEMALE/
HUMAN/ MALE/ PLEURAL EFFUSION, drug
therapy/ *PLEURAL EFFUSION, therapy/
PREDNISOLONE, therapeutic use/
TUBERCULOSIS, PLEURAL, drug therapy/
*TUBERCULOSIS, PLEURAL, therapy
227. Banerjee T, Meagher JN: Spontaneous spinal epidural
hemorrhage. South Med J 67:858-61, Jul 74
DEXAMETHASONE, administration & dosage/
DEXAMETHASONE, therapeutic use/ DURA
MATER, pathology/ *HEMATOMA, EPIDURAL,
diagnosis/ HEMATOMA, EPIDURAL, drug
therapy/ HEMATOMA, EPIDURAL, pathology/
HEMATOMA, EPIDURAL, radiography/
HEMATOMA, EPIDURAL, surgery/ HUMAN/
INJECTIONS, INTRAVENOUS/
LAMINECTOMY/ MALE/ MYELOGRAPHY
228. Bannikov GA, Guelstein VI, Tchipsheva TA:
Distribution of basic azo-dye-binding protein in
normal rat tissues and carcinogen-induced liver
tumors. Int J Cancer 11:398-411, 15 Mar 73
ADENOCARCINOMA, immunology/ ANIMAL
EXPERIMENTS/ ANTIBODIES, isolation &
purification/ ANTIGENS, analysis/
*CARCINOMA, immunology/
CHROMATOGRAPHY, DEAE-CELLULOSE/
DIMETHYLAMINOAZOBENZENE/ EMBRYO,
immunology/ FLUORESCENT ANTIBODY
TECHNIC/ *HEPATOMA, immunology/
INTESTINE, SMALL, immunology/ *KIDNEY,
immunology/ *LIVER, immunology/ LIVER
NEOPLASMS, chemically induced/ *LIVER
NEOPLASMS, immunology/ MALE/ MICE/
NEOPLASMS, EXPERIMENTAL, chemically
induced/ OVARY, immunology/ PROTEIN
BINDING/ *PROTEINS, analysis/ RABBITS,
immunology/ RATS/ TESTIS, immunology
229. Bannister LH: Forebrain structure in Phoxinus
phoxinus, a teleost of the Cyprinid family.
J Hirnforsch 14:413-33, 1973
ANIMAL EXPERIMENTS/ AXONS/
*CYPRINIDAE, anatomy & histology/
DENDRITES/ *DIENTEPHALON, anatomy &
histology/ DIENTEPHALON, cytology/
HISTOCYTOCHEMISTRY/ HYPOTHALAMUS,
cytology/ NERVE ENDINGS/ NERVE FIBERS,
MYELINATED/ NEURAL CONDUCTION/
NEURAL INTERCONNECTIONS/ NEUROGLIA/
NEURONS/ OLFACTORY BULB, cytology/
*TELENCEPHALON, anatomy & histology/
TELENCEPHALON, cytology
230. Barbaliás GA: Bilateral successive seminomas in
scrotal testes. Del Med J 46:243-7, May 74
DISGERMINOMA, complications/
*DISGERMINOMA, surgery/ HUMAN/ MALE/
MIDDLE AGE/ NEOPLASM METASTASIS/
*NEOPLASMS, MULTIPLE PRIMARY, surgery/
TESTICULAR NEOPLASMS, complications/
*TESTICULAR NEOPLASMS, surgery/
URINATION DISORDERS, etiology
231. Barberia JM, Thorneycroft IH: Simultaneous
radioimmunoassay of testosterone and
dihydrotestosterone. Steroids 23:757-66, May 74
ADRENAL GLANDS, physiology/
ADRENALECTOMY/ CASTRATION/
CHROMATOGRAPHY/ COMPARATIVE
STUDY/ CROSS REACTIONS/ EVALUATION
STUDIES/ FEMALE/ HUMAN/ MALE/
MENOPAUSE/ MENSTRUATION/ METHODS/
MICROCHEMISTRY/ OVARY, physiology/
OVULATION/ RABBITS, immunology/
RADIOIMMUNOASSAY/ SILICA/
*STANOLONE, blood/ *TESTOSTERONE,
blood/ TIME FACTORS/ TRITIUM
232. Barbezat GO, Daniel M, Bank S, et al: Effect of
histamine H-receptor blockade on fasting serum
gastrin and fasting gastric acid secretion in the dog.
Nature 249:666-8, 14 Jun 74
ANIMAL EXPERIMENTS/ DEPRESSION,
CHEMICAL/ *GASTRIC JUICE, secretion/
*GASTRIC MUCOSA, drug effects/ GASTRIC
MUCOSA, metabolism/ GASTRIC MUCOSA,
secretion/ *GASTRIN, blood/ *HISTAMINE,
metabolism/ IMIDAZOLES, pharmacodynamics/
*RECEPTORS, DRUG, drug effects/
SECRETORY RATE, drug effects/
*THIOUREA, pharmacodynamics

AUTHOR SECTION

233. Barbosa E, Pupo H: Síndrome de veia ovariana direita associada a duplicidade renoureteral direita. Rev Paul Med 79:81-4, Apr 72 (Spa)
ABNORMALITIES, MULTIPLE/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY, abnormalities/ *OVARIAN DISEASES, complications/ *OVARY, blood supply/ *URETER, abnormalities/ *VEINS, abnormalities
234. Bărbuț R, Grigoraș O, Apostol S, et al: Studiul unor enzime eritrocitare în infecțiile aparatului respirator la sugar. Pediatria (Bucur) 22:501-8, Nov-Dec 73 (Rum)
ADRENAL CORTEX HORMONES, therapeutic use/ ENGLISH ABSTRACT/ ERYTHROCYTES, enzymology/ *GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ HUMAN/ INFANT/ *LACTATE DEHYDROGENASE, blood/ LUNG DISEASES, drug therapy/ *LUNG DISEASES, enzymology/ PNEUMONIA, enzymology/ PNEUMONIA, VIRAL, enzymology/ *RESPIRATORY TRACT INFECTIONS, enzymology
235. Barclay N: Acute intermittent porphyria in childhood. A neglected diagnosis? Arch Dis Child 49:404-6, May 74
ABDOMEN/ ACUTE DISEASE/ COLOR/ CONVULSIONS, etiology/ HUMAN/ HYPERTENSION, etiology/ HYPONATREMIA, complications/ MALE/ PAIN, etiology/ PORPHOBILINOGEN, urine/ PORPHYRIA, complications/ *PORPHYRIA, diagnosis/ PORPHYRIA, pathophysiology/ PORPHYRIA, urine/ PUBERTY/ TIME FACTORS
236. Bardakhch'ian EA, Vorontsov VA, Naumov NN: Viliatie nembutala na ul'traarkhitektoniku nefrogipofiza. Farmakol Toksikol 26:419-20, Jul-Aug 73 (Rus)
ANIMAL EXPERIMENTS/ CYTOPLASMIC GRANULES, drug effects/ DOGS/ ENGLISH ABSTRACT/ MICROSCOPY, ELECTRON/ *PENTOBARBITAL, pharmacodynamics/ *PITUITARY GLAND, POSTERIOR, drug effects/ SYNAPTIC VESICLES, drug effects
237. Bardin CW, Bullock LP: Proceedings: Testicular feminization: studies of the molecular basis of a genetic defect. J Invest Dermatol 63:75-84, Jul 74 (57 ref.)
ANDROGENS, metabolism/ ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ BINDING SITES/ COMPARATIVE STUDY/ DNA, biosynthesis/ ESTROGENS, physiology/ GENITALIA, MALE, metabolism/ GLUCOCORTICOIDS, physiology/ HUMAN/ KIDNEY, metabolism/ MALE/ PHENOTYPE/ PROGESTERONE, physiology/ PROTEINS, biosynthesis/ PSEUDOHYPOMAGNETHISM, familial & genetic/ REVIEW/ RNA, biosynthesis/ *TESTICULAR FEMINIZATION, familial & genetic/ TESTICULAR FEMINIZATION, metabolism/ TESTOSTERONE, metabolism/ TESTOSTERONE, physiology
238. Barham SS, Berlin JD: Fine structure and cytochemistry of testicular cells in men treated with testosterone propionate. Cell Tissue Res 148:159-82, 11 Apr 74
ACID PHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ BIOPSY/ GLUCOSEPHOSPHATASE, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ LEYDIG CELLS, cytology/ LEYDIG CELLS, enzymology/ MALE/ MICROSCOPY, ELECTRON/ ORGANOIDS, enzymology/ PROPIONATES, pharmacodynamics/ SERTOLI CELLS, cytology/ SERTOLI CELLS, enzymology/ SPERMATOGENESIS, drug effects/ SPERMATOZOA, cytology/ SPERMATOZOA, enzymology/ *TESTIS, cytology/ TESTIS, drug effects/ TESTIS, enzymology/ *TESTOSTERONE, pharmacodynamics
239. Barinova LI: Serologicheskaia diagnostika beremennosti po plazmam mosh. Sud Med Ekspert 17:41-2, Apr-Jun 74 (Rus)
COMPARATIVE STUDY/ FEMALE/ *FORENSIC MEDICINE/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ MALE/ *PREGNANCY TESTS/ SERODIAGNOSIS/ *URINE
240. Barker JL, Gainer H: Peptide regulation of bursting pacemaker activity in a molluscan neurosecretory cell. Science 184:1371-3, 28 Jun 74
ACETYLCHOLINE, pharmacodynamics/ *ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ AXONS, drug effects/ CELL MEMBRANE, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ IONTOPHORESIS/ LYSINE/ MEMBRANE POTENTIALS, drug effects/ NEURAL TRANSMISSION, drug effects/ NEUROHUMORS, pharmacodynamics/ *NEURONS, drug effects/ NEURONS, physiology/ NEUROSECRETORY SYSTEMS, cytology/ *NEUROSECRETORY SYSTEMS, drug effects/ PEPTIDES, administration & dosage/ *PEPTIDES, pharmacodynamics/ SNAILS/ STIMULATION, CHEMICAL/ *VASOPRESSIN, pharmacodynamics
241. Barker KL, Ludwick TM: Effect of stage of development and function on the template activity of rat mammary gland chromatin. Proc Soc Exp Biol Med 145:1325-8, Apr 74
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ *CHROMATIN, analysis/ DNA, analysis/ ESCHERICHIA COLI, enzymology/ FEMALE/ HISTONES, analysis/ LACTATION/ MAMMAE, growth & development/ *MAMMAE, metabolism/ NUCLEOPROTEINS, analysis/ RATS/ RNA, analysis/ *RNA, biosynthesis/ RNA POLYMERASE, metabolism/ TEMPLATES
242. Barker Jorgensen C: Mechanisms regulating ovarian cycle in the toad Bufo bufo bufo (L): role of presence of second growth phase oocytes in controlling recruitment from pool of first growth phase oocytes. Gen Comp Endocrinol 23:170-7, Jun 74
ANIMAL EXPERIMENTS/ *BUFO BUFO, physiology/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ HYPOPHYSECTOMY/ *OVARY, physiology/ *OVUM, growth & development/ *SEASONS
243. Barkhan P: Blood and neoplastic diseases. Other purpuras. Br Med J 2:376-8, 18 May 74
ACUTE DISEASE/ *AUTOIMMUNE DISEASES, therapy/ BLOOD TRANSFUSION, adverse effects/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ EXTRACORPOREAL CIRCULATION, adverse effects/ HUMAN/ PREDNISOLONE, therapeutic use/ *PURPURA, therapy/ *PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY/ SPLENOMEGALY, complications/ THROMBOPENIA, congenital/ *THROMBOPENIA, therapy
244. Barkhan P: Blood and neoplastic diseases. Thrombocytopenia. Br Med J 2:324-5, 11 May 74
AMINOCAPROIC ACID, therapeutic use/ ANEMIA, APLASTIC, complications/ BLOOD TRANSFUSION/ BONE MARROW DISEASES, complications/ HUMAN/ LEUKEMIA, complications/ MENORRHAGIA, complications/ MULTIPLE MYELOMA, complications/ MYELOFIBROSIS, complications/ *NEOPLASMS, complications/ NEUTROPHILS/ PREDNISOLONE, therapeutic use/ PROGESTERONE, therapeutic use/ PROGNOSIS/ PURPURA, complications/ THROMBOPENIA, drug therapy/ *THROMBOPENIA, etiology/ VINCRISTINE, therapeutic use
245. Barlati S, Santachiara-Benerecetti, Balacco S, et al: Studies on genomic interactions in hybrids between enzymic variants of a human cell line. Cell Differ 2:325-35, Mar 74
ALKALINE PHOSPHATASE, metabolism/ CARBOHYDRATE ISOMERASES, metabolism/ CELL LINE/ CLONE CELLS, enzymology/ ENZYME INDUCTION/ GENES, DOMINANT/

AUTHOR SECTION

- *GENOTYPE/ GLUCOSEPHOSPHATE
DEHYDROGENASE, metabolism/ HUMAN/
HYBRID CELLS, drug effects/ *HYBRID
CELLS, enzymology/
PENTOSYLTRANSFERASES, metabolism/
PREDNISOLONE, pharmacodynamics/
THYMIDINE KINASE, metabolism/
*VARIATION (GENETICS)
246. Barltrop D, Hillier R: Calcium and phosphorus content of transitional and mature human milk. *Acta Paediatr Scand* 63:347-50, May 74
BREAST FEEDING/ CALCIUM, blood/
*CALCIUM, metabolism/ FEMALE/ HUMAN/
LACTATION/ *MILK, HUMAN, metabolism/
PHOSPHORUS, blood/ *PHOSPHORUS,
metabolism/ PUERPERIUM/
SPECTROPHOTOMETRY, ATOMIC
ABSORPTION/ TIME FACTORS
247. Barnafi L, Larraguibel R: The in vitro effect of progesterone and oestrogens on the spontaneous and oxytocin-induced activity of the human myometrium. *Acta Endocrinol (Kbh)* 76:172-7, May 74
DEPRESSION, CHEMICAL/
DIETHYLSTILBESTROL, administration & dosage/ *DIETHYLSTILBESTROL,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ ESTRADIOL,
administration & dosage/ *ESTRADIOL,
pharmacodynamics/ FEMALE/ HUMAN/ IN
VITRO/ MUSCLE CONTRACTION, drug
effects/ *MUSCLE, SMOOTH, drug effects/
OXYTOCIN, antagonists & inhibitors/
*OXYTOCIN, pharmacodynamics/
PREGNANCY/ PROGESTERONE,
administration & dosage/ *PROGESTERONE,
pharmacodynamics/ TIME FACTORS/
*UTERUS, drug effects
248. Barnes AD, Coles GA, White HJ: A controlled trial of anticoagulants in cadaveric renal transplantation. *Transplantation* 17:491-4, May 74
AZATHIOPRINE, therapeutic use/ BLOOD
COAGULATION, drug effects/ *CADAVER/
CREATININE, blood/ CREATININE, urine/
DRUG EVALUATION/ FIBRIN/ *GRAFT
REJECTION, drug effects/ HEMOGLOBIN/
HUMAN/ IMMUNOSUPPRESSION/ *KIDNEY,
transplantation/ KIDNEY FUNCTION TESTS/
PREDNISONE, therapeutic use/
PROTEINURIA/ TRANSPLANTATION,
HOMOLOGOUS/ UREA, blood/ *WARFARIN,
therapeutic use
249. Barnes EW, MacCuish AC, Loudon NB, et al: Phytohaemagglutinin-induced lymphocyte transformation and circulating autoantibodies in women taking oral contraceptives. *Lancet* 1:898-900, 11 May 74
ADULT/ ANTIBODY FORMATION/
*AUTOANTIBODIES, isolation & purification/
AUTOIMMUNE DISEASES, chemically induced/
BLOOD SPECIMEN COLLECTION/
*CONTRACEPTIVES, ORAL,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ FEMALE/ HUMAN/
IMMUNITY, CELLULAR/ *LYMPHOCYTE
TRANSFORMATION/ MIDDLE AGE/
MITOCHONDRIA, immunology/ *PLANT
AGGLUTININS, pharmacodynamics/ THYROID
GLAND, immunology/ TIME FACTORS
250. Barnes MM, Smith AJ, Leonard PJ: The excretion of 17 oxosteroids by rats deficient in vitamin E. *Int J Vitam Nutr Res* 44:46-52, 1974
ANIMAL EXPERIMENTS/ COLORIMETRY/
FEMALE/ *17-KETOSTEROIDS, urine/ MALE/
SEX FACTORS/ TIME FACTORS/ *VITAMIN
E DEFICIENCY, urine
251. Baron F, Legent F, Lerat M, et al: Un cas d'exophtalmie et d'hypertonie oculaire par empyème sphénoïdal. *Rev Otonéuroophthalmol* 45:89-91, Mar-Apr 73 (Fre)
CLINICAL RESEARCH/ *EMPYEMA,
complications/ EMPYEMA, diagnosis/
EMPYEMA, radiography/ EMPYEMA, surgery/
*EXOPHTHALMOS, etiology/ EYE DISEASES,
etiology/ FEMALE/ *GLAUCOMA, etiology/
HEAD INJURIES, complications/ HUMAN/
METHODS/ SPHENOID SINUS, surgery/
TOMOGRAPHY, RADIOGRAPHIC/
TONOMETRY
252. Baron J, Gembick M, Nowak J, et al: Badanie czynności tarczycy u kobiet z zaburzeniami mięśniakowania. *Ginekol Pol* 45:443-9, Apr 74 (Pol)
CHOLESTEROL, blood/ DIAGNOSIS,
DIFFERENTIAL/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ HYPOTHYROIDISM,
diagnosis/ HYPOTHYROIDISM, occurrence/
*MENSTRUATION DISORDERS,
physiopathology/ SHEEHAN'S SYNDROME,
occurrence/ *THYROID GLAND,
physiopathology/ THYROID GLAND
FUNCTION TESTS
253. Barone RM, Abe R, Das Gupta TK: Pineal ablation in methylcholanthrene-induced fibrosarcoma. *Surg Forum* 23:115-6, 1972
ANIMAL EXPERIMENTS/ FIBROSARCOMA,
chemically induced/ *FIBROSARCOMA,
pathology/ FIBROSARCOMA, physiopathology/
LYMPHATIC METASTASIS/
*METHYLCHOLANTHRENE/ *PINEAL BODY,
physiology/ PINEAL BODY, surgery
254. Barowicz T, Jastrzębski M, Wójcik K: Early cadmium-induced changes of the permeability testicular blood vessels to 131-I albumin in the rat. *Bull Acad Pol Sci [Biol]* 22:201-4, 1974
*ALBUMINS, metabolism/ ANIMAL
EXPERIMENTS/ *CADMIUM,
pharmacodynamics/ *CAPILLARIES, drug
effects/ *CAPILLARY PERMEABILITY, drug
effects/ MALE/ RATS/ SERUM ALBUMIN,
analysis/ SERUM ALBUMIN,
RADIO-IODINATED/ TESTIS, analysis/
*TESTIS, blood supply/ TESTIS, metabolism/
TIME FACTORS
255. Barowicz T, Styczyński H: Oksytocyczna aktywność krwi krów podczas oddawania mleka. *Endokrynol Pol* 25:83-93, Mar-Apr 74 (Pol)
ANIMAL EXPERIMENTS/ *CATTLE,
physiology/ CONDITIONING, CLASSICAL/
ENGLISH ABSTRACT/ FEMALE/
*LACTATION/ *OXYTOCIN, blood/ PHYSICAL
STIMULATION/ PREGNANCY/ UDDER
256. Barr AR: Symposium on reproduction of arthropods of medical and veterinary importance. V. Reproduction in Diptera of medical importance with special reference to mosquitoes. *J Med Entomol* 11:35-40, 28 Mar 74 (29 ref.)
AEDES, anatomy & histology/ AEDES,
physiology/ ANIMAL EXPERIMENTS/
ANOPHELES, physiology/ BLOOD/ CELL
DIVISION/ CULEX, physiology/ DIPTERA,
anatomy & histology/ *DIPTERA, physiology/
FEEDING BEHAVIOR/ FEMALE/
FERTILIZATION/ MALE/ MEIOSIS/
MOSQUITOES, anatomy & histology/
*MOSQUITOES, physiology/ OVARY, anatomy
& histology/ OVIDUCTS, anatomy & histology/
OVULATION/ OVUM, cytology/ OVUM, growth
& development/ *REPRODUCTION/ REVIEW/
SEMINAL VESICLES, anatomy & histology/
SPERMATOGENESIS/ TESTIS, anatomy &
histology/ VAGINA, anatomy & histology
257. Barr RF, Raphael B: Apparent heterosexuality in two male patients requesting change-of-sex operation. *Arch Sex Behav* 3:325-30, Jul 74
EROTICA/ HUMAN/ MALE/ MOTION
PICTURES/ ORIENTATION/ PENIS,
physiology/ *SEX BEHAVIOR/ *SEX
REVERSAL, GONADAL/ TRANSEXUALISM
258. Barr WH, Aceto T Jr, Chung M, et al: Dose-dependent drug metabolism during the absorptive phase. *Rev Can Biol* 32:Suppl:33-42, 1973
*BIOPHARMACEUTICS/ CORTISONE,
metabolism/ DOSAGE FORMS/
*DOSE-RESPONSE RELATIONSHIP, DRUG/
DRUGS, administration & dosage/ *DRUGS,
metabolism/ HUMAN/ *INTESTINAL
ABSORPTION/ INTESTINAL DISEASES,
metabolism/ LIVER, metabolism/ PROTEIN
BINDING/ SALICYLAMIDES, metabolism

AUTHOR SECTION

259. Barraclough CA, Turgeon J, Mann DR, et al: Further analysis of the CNS regulation of adenylylphosphatase LH release: facilitation of the ovulatory LH surge by oestrogen and progesterone.
J Reprod Fertil [Suppl] 20:61-96, Dec 73 (40 ref.)
ANIMAL EXPERIMENTS/ *BRAIN, physiology/
BRAIN MAPPING/ CASTRATION/
CIRCADIAN RHYTHM/ DENERVATION/
ELECTRIC STIMULATION/ *ESTROGENS,
physiology/ FEMALE/ HYPOTHALAMUS,
physiology/ LH, blood/ *LH, secretion/
NERVE BLOCK/ OVARY, physiology/
*OVULATION/ PENTOBARBITAL/ PITUITARY
GLAND, secretion/ *PROGESTERONE,
physiology/ REVIEW/ SECRETORY RATE
260. Barranco SC, Novak JK: Survival responses of dividing and nondividing mammalian cells after treatment with hydroxyurea, arabinoside, or adriamycin.
Cancer Res 34:1616-8, Jul 74
*ADRIAMYCIN, pharmacodynamics/ ANIMAL
EXPERIMENTS/ CELL DIVISION,
drug effects/ CELL LINE/ CELL SURVIVAL,
drug effects/ CELLS, CULTURED/
*CYTARABINE, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
*HYDROXYUREA, pharmacodynamics/ OVARY/
TIME FACTORS
261. Barranco VP, Jones DD: Effect of oral contraceptives on acne. South Med J 67:703-6, Jun 74
*ACNE, chemically induced/ ADOLESCENCE/
ADULT/ *CONTRACEPTIVE AGENTS, adverse
effects/ ETHINYL ESTRADIOL, adverse
effects/ ETHYNODIOL DIACETATE, adverse
effects/ FEMALE/ HUMAN/ MESTRANOL,
adverse effects/ NORETHINDRONE, adverse
effects/ NORETHYNODREL, adverse effects/
NORGESTREL, adverse effects/ SEBACEOUS
GLANDS, drug effects
262. Barrelet LF: Interactions between peripheral and hypothalamic carbachol stimulation of drinking in the rat. Eur J Pharmacol 26:89-95, Apr 74
ANGIOTENSIN II, pharmacodynamics/
ANIMAL EXPERIMENTS/ CARBACHOL,
administration & dosage/ *CARBACHOL,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ *DRINKING
BEHAVIOR, drug effects/ *HYPOTHALAMUS,
drug effects/ INJECTIONS/ INJECTIONS,
INTRAPERITONEAL/ MALE/ OSMOLAR
CONCENTRATION/ POLYETHYLENE
GLYCOLS, pharmacodynamics/ RATS/ SODIUM
CHLORIDE, pharmacodynamics/
STIMULATION, CHEMICAL/ *THIRST
263. Barrow MV, Simpson CF, Miller EJ: Lathyrism: a review. Q Rev Biol 49:101-28, Jun 74 (133 ref.)
ABNORMALITIES, DRUG-INDUCED/ AMINO
ACID OXIDOREDUCTASES, metabolism/
AMINOPROPIONITRILE/ ANEURYSM,
congenital/ ANIMAL EXPERIMENTS/ AORTIC
ANEURYSM, etiology/ BLOOD VESSELS,
pathology/ BONE AND BONES, pathology/
*BONE DISEASES, veterinary/ CLEFT
PALATE, chemically induced/ COLLAGEN,
metabolism/ CONNECTIVE TISSUE, pathology/
ELASTIN, metabolism/ FETUS, drug effects/
HEART DEFECTS, CONGENITAL, chemically
induced/ HUMAN/ KYPHOSIS, etiology/
*LATHYRISM/ LATHYRISM, chemically
induced/ LATHYRISM, enzymology/
LATHYRISM, metabolism/ LATHYRISM,
pathology/ LYSINE/ NEUROLOGIC
MANIFESTATIONS/ NITRILES/ POULTRY
DISEASES, occurrence/ REVIEW/ RODENT
DISEASES, occurrence/ SPINAL CORD,
pathology/ *SPINAL CORD DISEASES/
STOMACH, abnormalities/ TURKEYS
264. Barry FE, Walter MS, Gallistel CR: On the optimal pulse duration in electrical stimulation of the brain. Physiol Behav 12:749-54, May 74
ANIMAL EXPERIMENTS/ *BRAIN, physiology/
ELECTRIC STIMULATION/ ELECTRODES,
IMPLANTED/ HYPOTHALAMUS, physiology/
MALE/ MOTOR ACTIVITY/ REWARD/ *SELF
STIMULATION/ SEPTUM PELLUCIDUM,
physiology/ TIME FACTORS
265. Barry H 3d, Kubena RK, Perhach JL Jr: Pituitary-adrenal activation and related responses to delta1-tetrahydrocannabinol.
Prog Brain Res 39:323-30, 1973
*ADRENAL GLANDS, drug effects/ ANIMAL
EXPERIMENTS/ *CANNABIS,
pharmacodynamics/ MALE/ *PITUITARY
GLAND, drug effects/ RATS/
TETRAHYDROCANNABINOL,
pharmacodynamics
266. Barry M: Iron and the liver.
Gut 15:324-34, Apr 74 (129 ref.)
ALCOHOL DRINKING/ ASCORBIC ACID
DEFICIENCY, complications/ BLOOD
TRANSFUSION/ BLOODLETTING/
CHELATING AGENTS, therapeutic use/
DIABETES MELLITUS, etiology/
ERYTHROPOIESIS/ FEMALE/ FERRITIN/
HEMOCHROMATOSIS, etiology/
HEMOCHROMATOSIS, familial & genetic/
HEMOCHROMATOSIS, therapy/ HUMAN/
INTESTINAL ABSORPTION/ *IRON,
metabolism/ *LIVER, metabolism/ LIVER
CIRRHOSIS, etiology/ LIVER CIRRHOSIS,
metabolism/ MALE/ OSTEOPOROSIS,
complications/ PIGMENTATION/ PORPHYRIA,
metabolism/ REVIEW/ SIDEROSIS, etiology
267. Barry MM, Yevich PP: Incidence of gonadal cancer in the quahog. Mercenaria mercenaria.
Oncology 26:87-96, 1972
ANIMAL EXPERIMENTS/ *CLAMS/ FEMALE/
MALE/ OVARIAN NEOPLASMS, pathology/
*OVARIAN NEOPLASMS, veterinary/ OVARY,
pathology/ TESTICULAR NEOPLASMS,
pathology/ *TESTICULAR NEOPLASMS,
veterinary/ TESTIS, pathology
268. Barry RE, Baker P, Read AE: Coeliac disease. The clinical presentation.
Clin Gastroenterol 3:55-69, Jan 74
AGE FACTORS/ ANEMIA, HYPOCHROMIC,
etiology/ APPETITE DISORDERS, etiology/
CELIAC DISEASE, complications/ *CELIAC
DISEASE, diagnosis/ DERMATITIS
HERPETIFORMIS, etiology/ DIARRHEA,
etiology/ ESOPHAGEAL NEOPLASMS,
complications/ FOLIC ACID DEFICIENCY,
etiology/ GLOSSITIS, etiology/ HUMAN/
HYPOPROTEINEMIA, etiology/ ILEUM/
IMMUNOLOGIC DEFICIENCY SYNDROMES,
etiology/ LYMPHOMA, complications/
MUSCULAR DISEASES, etiology/ NAUSEA,
etiology/ OSTEOMALACIA, etiology/
POSTOPERATIVE COMPLICATIONS/
RICKETS, etiology/ SPRUE, diagnosis/
ULCER, complications/ VITAMIN B 12
DEFICIENCY, etiology/ VITAMIN D
DEFICIENCY, etiology/ VOMITING, etiology
269. Bartal AD, Heilbronn YD, Schiffer J: [The rationale for hypophysectomy in hormone-dependent cancer]
Harefuah 86:326-30, 15 Mar 74 (Heb)
*BREAST NEOPLASMS, therapy/ FEMALE/
HUMAN/ *HYPOPHYSECTOMY/ MALE/
*PITUITARY GLAND, physiology/
*PROSTATIC NEOPLASMS, therapy
270. Bartels H, Möller GU: Komplikationen nach retroperitonealer Lymphknotenentfernung bei malignen Hodentumoren.
Urologe [A] 13:75-9, Mar 74 (Ger)
ADOLESCENCE/ ADULT/
CHORIOCARCINOMA, surgery/
DISGERMINOMA, surgery/ EJACULATION/
ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/
HUMAN/ *LYMPH NODE EXCISION, adverse
effects/ LYMPHATIC METASTASIS/ MALE/
METHODS/ MIDDLE AGE/ POSTOPERATIVE
COMPLICATIONS, prevention & control/
*TERATOID TUMOR, surgery/ *TESTICULAR
NEOPLASMS, surgery
271. Barthel W, Haustein KO, Markwardt F: On the relations between serotonin uptake and function of the transport-ATPase system of blood platelets.
Acta Biol Med Ger 31:713-8, 1973
*ADENOSINE TRIPHOSPHATASE, blood/
ADENOSINE TRIPHOSPHATE, blood/

AUTHOR SECTION

- ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ DIGITOXIN, pharmacodynamics/ OUABAIN, pharmacodynamics/ POTASSIUM, blood/ RABBITS/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, blood
272. Barthel W, Markwardt F: Influence of drugs on uptake and release of platelet 5-HT. *Acta Univ Carol [Med Monogr] (Praha)* 53:185-92, 1972
ADENOSINE TRIPHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CELL MEMBRANE, drug effects/ *CHLORPROMAZINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ *DIBUCAINE, pharmacodynamics/ DIFFUSION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HISTAMINE, analysis/ HISTAMINE LIBERATION/ IN VITRO/ IODOACETATES, pharmacodynamics/ *OUABAIN, pharmacodynamics/ *PRENYLAMINE, pharmacodynamics/ RABBITS/ SEROTONIN, analysis/ *SEROTONIN, metabolism/ SPECTROMETRY, FLUORESCENCE/ SUBCELLULAR FRACTIONS, metabolism
273. Basch RS, Goldstein G: Induction of T-cell differentiation in vitro by thymine, a purified polypeptide hormone of the thymus. *Proc Natl Acad Sci USA* 71:1474-8, Apr 74
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIBODY SPECIFICITY/ *ANTIGENS/ BONE MARROW CELLS, immunology/ CELL DIFFERENTIATION, drug effects/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ HORMONES, pharmacodynamics/ IMMUNE SERUMS/ IN VITRO/ MICE/ MICE, INBRED STRAINS/ *PEPTIDES, pharmacodynamics/ *THYMUS EXTRACTS, pharmacodynamics/ *THYMUS GLAND, immunology
274. Badić I, Milas L, Grdina DJ, et al: Destruction of hamster ovarian cell cultures by peritoneal macrophages from mice treated with *Corynebacterium granulosum*. *J Natl Cancer Inst* 52:1839-43, Jun 74
ANIMAL EXPERIMENTS/ ASCITIC FLUID, immunology/ *BACTERIAL VACCINES/ CELL DIVISION/ CELL LINE/ *CELLS, CULTURED, immunology/ *CORYNEBACTERIUM, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FIBROBLASTS, immunology/ *MACROPHAGES/ MICE, INBRED C3H/ OVARY
275. Bass H, Felton EW: Defective regulatory control of developing rat cerebrum resulting from either excess or lack of thyroid hormone. *Acta Univ Carol [Med Monogr] (Praha)* 56:171-3, 1973
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BEHAVIOR, ANIMAL, drug effects/ CELL DIFFERENTIATION/ CELL MOVEMENT/ CEREBRAL CORTEX, cytology/ CEREBRAL CORTEX, drug effects/ *CEREBRAL CORTEX, growth & development/ DNA, analysis/ *HYPERTHYROIDISM, physiopathology/ *HYPOTHYROIDISM, physiopathology/ NEURONS, physiology/ RATS/ *THYROID HORMONES, physiology/ THYROXINE, pharmacodynamics
276. Bassas E, Pinto B: Experimental study on the male pattern alopecia. I. Differences between the testosterone transport protein in bald and hairy areas. *Arch Dermatol Forsch* 248:339-46, 20 Feb 74
*ALOPECIA, metabolism/ ANDROGENS, pharmacodynamics/ ANDROSTERONE, metabolism/ ANDROSTERONE, pharmacodynamics/ *BINDING, COMPETITIVE, drug effects/ BIOLOGICAL ASSAY/ *BIOLOGICAL TRANSPORT/ COMPARATIVE STUDY/ ESTRADIOL, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ ESTROGENS, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ PROGESTERONE, pharmacodynamics/ *PROTEIN BINDING, drug effects/ *TESTOSTERONE, metabolism
277. Basset F, Soler P, Wyllie I, et al: Langerhans cells in a bronchiolar-alveolar tumour of lung. *Virchows Arch [Pathol Anat]* 362:315-30, 1974
AUTOPSY/ *BRONCHIAL NEOPLASMS, pathology/ *CARCINOMA, BRONCHIOLAR, pathology/ CARCINOMA, OAT CELL, pathology/ HUMAN/ *LANGERHANS CELLS/ LUNG NEOPLASMS, pathology/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, analysis/ NEOPLASMS, RADIATION-INDUCED/ RETICULOENDOTHELIOSIS, pathology/ RIBOSOMES, analysis
278. Bassett JM, Madill D: The influence of maternal nutrition on plasma hormone and metabolite concentrations of foetal lambs. *J Endocrinol* 61:465-77, Jun 74
ADRENAL CORTEX HORMONES, blood/ AMINO ACIDS, blood/ ANIMAL EXPERIMENTS/ *ANIMAL NUTRITION/ BLOOD SUGAR, analysis/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *FETUS/ FRUCTOSE, blood/ GESTATIONAL AGE/ *HORMONES, blood/ INSULIN, blood/ LACTATES, blood/ *SHEEP, physiology/ SOMATOTROPIN, blood
279. Basso A, Amesua L, Guitelman A, et al: Syndrome acromégalique: choix de la technique chirurgicale. *Neurochirurgie* 19:537-44, Nov 73 (Fre)
ACROMEGALY, diagnosis/ ACROMEGALY, etiology/ ACROMEGALY, physiopathology/ *ACROMEGALY, therapy/ ADENOMA, EOSINOPHILIC, complications/ *ADENOMA, EOSINOPHILIC, surgery/ AGE FACTORS/ CISTERNA MAGNA, radiography/ ENGLISH ABSTRACT/ HUMAN/ HYPOPHYSECTOMY/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ METHODS/ PITUITARY GLAND, surgery/ PITUITARY NEOPLASMS, complications/ *PITUITARY NEOPLASMS, surgery/ SOMATOTROPIN, blood/ SYNDROME/ TOMOGRAPHY, RADIOGRAPHIC
280. Bastert G: Enzymhistochemische Untersuchungen an Placenten bei Placentainsuffizienz. *Arch Gynaekol* 214:60-1, 28 Sep 73 (Ger)
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ CYTOCHROME REDUCTASES, analysis/ ESTERASES, analysis/ FEMALE/ GESTATIONAL AGE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ HUMAN/ ISOCITRATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE, analysis/ MONOAMINE OXIDASE, analysis/ *PLACENTA DISORDERS, enzymology/ PREGNANCY TOXEMIAS, enzymology/ SUCCINATE DEHYDROGENASE, analysis
281. Bates GW: Management of gestational diabetes. *Postgrad Med* 55:55-8, Jun 74
BLOOD SUGAR, analysis/ DELIVERY/ DIABETIC DIET/ ESTRIOL, urine/ FEMALE/ FETAL DEATH, prevention & control/ GLUCOSE, metabolism/ GLUCOSE TOLERANCE TEST/ GONADOTROPINS, CHORIONIC, physiology/ HUMAN/ INFANT MORTALITY/ INSULIN, therapeutic use/ MATERNAL-FETAL EXCHANGE/ PLACENTAL LACTOGEN, physiology/ PREGNANCY/ PREGNANCY IN DIABETES, blood/ PREGNANCY IN DIABETES, diagnosis/ PREGNANCY IN DIABETES, drug therapy/ PREGNANCY IN DIABETES, metabolism/ PREGNANCY IN DIABETES, physiopathology/ *PREGNANCY IN DIABETES, therapy/ PREGNANCY IN DIABETES, urine/ PUERPERIUM/ TIME FACTORS
282. Bates RF, Care AD, Gonda D: Proceedings: Stimulation of calcitonin secretion by strontium. *J Physiol (Lond)* 238:76P-78P, Apr 74
ANIMAL EXPERIMENTS/ *CALCITONIN, secretion/ CALCIUM, blood/ STIMULATION, CHEMICAL/ *STRONTIUM, pharmacodynamics/

AUTHOR SECTION

SWINE/ *THYROID GLAND, drug effects/
THYROID GLAND, secretion

283. Bauer H: Dysplasia and cancer in situ of young patients: colposcopic and cytological observations.
J Reprod Med 12:205-6, May 74

BIOPSY/ CARCINOMA IN SITU, chemically induced/ *CARCINOMA IN SITU, pathology/ CARCINOMA IN SITU, surgery/ CERVIX DISEASES, chemically induced/ *CERVIX DISEASES, pathology/ CERVIX DISEASES, surgery/ CERVIX NEOPLASMS, chemically induced/ *CERVIX NEOPLASMS, pathology/ CERVIX NEOPLASMS, surgery/ CERVIX UTERI, pathology/ *COLPOSCOPY/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ LEUKOPLAKIA, chemically induced/ LEUKOPLAKIA, pathology/ LEUKOPLAKIA, surgery/ PHOTOGRAPHY/ PRECANCEROUS CONDITIONS/ VAGINAL SMEARS

284. Bauer R: Letter: Use of alkaline Sephadex G-25 for extraction and measurement of thyroxine.
Clin Chem 20:917-8, Jul 74

COMPARATIVE STUDY/ EVALUATION STUDIES/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IODINE RADIOISOTOPES/ METHODS/ *THYROXINE, blood

285. Baumann K, Müller J: Effects of hypophysectomy with or without ACTH maintenance therapy on the final steps of aldosterone biosynthesis in the rat.
Acta Endocrinol (Kbh) 76:102-16, May 74

ADRENAL GLANDS, anatomy & histology/ *ADRENAL GLANDS, drug effects/ *ALDOSTERONE, biosynthesis/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ *CORTICOSTERONE, metabolism/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DIET/ HYDROCORTISONE, biosynthesis/ *HYPOPHYSECTOMY/ MALE/ ORGAN WEIGHT/ PITUITARY GLAND, physiology/ POTASSIUM, blood/ POTASSIUM, physiology/ RATS/ SODIUM, blood/ SODIUM, physiology/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRITIUM

286. Baumgardt BR: Control of feeding and the regulation of energy balance. Introduction.
Fed Proc 33:1139, May 74

*APPETITE REGULATION/ *ENERGY METABOLISM/ FEEDING BEHAVIOR/ HOMEOSTASIS/ HYPOTHALAMUS, physiology

287. Baumgarten HG: Selektive chemisch-induzierte Degeneration von Serotoninneuronen im Rattengehirn. Verh Anat Ges 67:305-8, 1973 (Ger)

ANIMAL EXPERIMENTS/ AXONS/ *BRAIN, metabolism/ *NERVE DEGENERATION/ *NEURONS/ RATS/ *SEROTONIN, metabolism/ SYNAPSES/ *TRYPTAMINES

288. Baxter RH, Wang I: Malignant hypertension in a patient with Conn's syndrome. Scott Med J 19:161-3, Jul 74

ADENOMA, pathology/ ADRENAL GLAND NEOPLASMS, pathology/ ALDOSTERONE, blood/ ARTERIOSCLEROSIS, pathology/ AUTOPSY/ BRONCHIAL NEOPLASMS, complications/ BRONCHIAL NEOPLASMS, pathology/ CARCINOMA, complications/ CARCINOMA, pathology/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM, complications/ HYPERTENSION, MALIGNANT, drug therapy/ *HYPERTENSION, MALIGNANT, etiology/ METHYLDOPA, therapeutic use/ NEOPLASM METASTASIS/ PAPILLEDMA, etiology/ RENIN, blood/ RETINAL HEMORRHAGE, etiology

289. Bazhan NM, Krass FM, Kolpakov MG, et al: Izmenenie sekretornof aktivnosti kory nadpochechnikov u serebristo-chernykh lits v protseesse domestikatsii. Dokl Akad Nauk SSSR 216:923-4, 1974 (Rus)

*ADRENAL GLANDS, secretion/ *ALDOSTERONE, secretion/ ANIMAL EXPERIMENTS/ *ANIMALS, DOMESTIC,

physiology/ *CORTICOSTERONE, secretion/ FEMALE/ *FOXES, physiology/ *HYDROCORTISONE, secretion/ IN VITRO/ MALE

290. Beach FA: Effects of gonadal hormones on urinary behavior in dogs. Physiol Behav 12:1005-13, Jun 74

AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BEHAVIOR, ANIMAL/ CASTRATION/ *DOGS, physiology/ *ESTROGENS, pharmacodynamics/ OVARY, embryology/ POSTURE/ SEX FACTORS/ TESTIS, embryology/ TESTIS, physiology/ *TESTOSTERONE, pharmacodynamics/ *URINATION, drug effects

291. Beale RN, Tyrrell P: Variations in the excretion patterns of some metabolites of cortisol as affecting measurement of its secretion rate.
Steroids 23:455-67, Mar 74

ADULT/ AMMONIA/ AMMONIUM SULFATE/ CHROMATES/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ HUMAN/ HYDROCORTISONE, secretion/ *HYDROCORTISONE, urine/ HYDROLYSIS/ MALE/ METHODS/ MIDDLE AGE/ NITROGEN/ OXIDATION-REDUCTION/ SECRETORY RATE/ STEREOISOMERS/ TIME FACTORS

292. Beaudoin AR, Marois C, Dunnigan J, et al: Biochemical reactions involved in pancreatic enzyme secretion. I. Activation of the adenylate cyclase complex.
Can J Physiol Pharmacol 52:174-82, Apr 74

ADENYL CYCLASE, antagonists & inhibitors/ *ADENYL CYCLASE, metabolism/ *AMYLASE, secretion/ ANIMAL EXPERIMENTS/ BETHANECHOL COMPOUNDS, pharmacodynamics/ CHOLECYSTOKININ, pharmacodynamics/ DIBUCAINE, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ ENZYME ACTIVATION/ MALE/ OXYGEN CONSUMPTION, drug effects/ *PANCREAS, enzymology/ PANCREAS, secretion/ PANCREOZYMIN, pharmacodynamics/ PROCAINE, pharmacodynamics/ TETRACAINE, pharmacodynamics

293. Beck JS, Melvin JM, Hems G: The half-life of human placental lactogen in non-immune and immune rhesus monkeys. J Reprod Fertil 38:451-7, Jun 74

ANIMAL EXPERIMENTS/ FEMALE/ HALF-LIFE/ IMMUNIZATION/ INJECTIONS, INTRAVENOUS/ IODINE RADIOISOTOPES/ *MACACA, metabolism/ PLACENTAL LACTOGEN, blood/ *PLACENTAL LACTOGEN, metabolism/ RADIOIMMUNOASSAY

294. Becker GL, Chen CH, Greenawalt JW, et al: Calcium phosphate granules in the hepatopancreas of the blue crab Callinectes sapidus. J Cell Biol 61:316-26, May 74

ADENINE NUCLEOTIDES, analysis/ ANIMAL EXPERIMENTS/ CALCIFICATION, PHYSIOLOGIC/ CALCIUM, analysis/ *CALCIUM PHOSPHATES/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ CRABS, analysis/ *CRABS, cytology/ CYTOPLASMIC GRANULES/ CYTOPLASMIC GRANULES, analysis/ LIVER, analysis/ *LIVER, cytology/ MAGNESIUM, analysis/ MALE/ MICROSCOPY, ELECTRON/ MODELS, BIOLOGICAL/ PANCREAS, analysis/ *PANCREAS, cytology/ PHOSPHORUS, analysis

295. Beckerhoff R, Uhlschmid G, Vetter W, et al: Plasmarenin und Plasmaaldosteron nach Nierentransplantation.
Verh Dtsch Ges Inn Med 79:757-9, 1973 (Ger)

*ALDOSTERONE, blood/ HUMAN/ *KIDNEY, transplantation/ *RENIN, blood/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

296. Becu-Laurentiu M, Szabó-Adorján E, Fossig N, et al: Etude histochimique de l'ovaire de ratte. L'effet du choc anaphylactique et du vaccin pertussiae.
Arch Roum Pathol Exp Microbiol 33:97-106, Mar 74

AUTHOR SECTION

- ACID PHOSPHATASE/ ADENOSINE
TRIPHOSPHATASE, analysis/ ALKALINE
PHOSPHATASE/ *ANAPHYLAXIS, pathology/
ANAPHYLAXIS, physiopathology/ ANIMAL
EXPERIMENTS/ CORPUS LUTEUM, drug
effects/ CORPUS LUTEUM, pathology/
ENGLISH ABSTRACT/ ESTERASES, analysis/
ESTRUS, drug effects/ FEMALE/ LIPIDS,
analysis/ MUCOPOLYSACCHARIDES, analysis/
OVARY, analysis/ OVARY, drug effects/
OVARY, enzymology/ *OVARY, pathology/
OVULATION, drug effects/ *PERTUSSIS
VACCINE, pharmacodynamics/ PROTEINS,
analysis/ RATS/ SEROTONIN,
pharmacodynamics/ SUCCINATE
DEHYDROGENASE, analysis/ TIME FACTORS/
VAGINA, pathology
297. Begue RJ, Gustafsson JA, Goldman AS: New potent
inhibitors of β -hydroxy- Δ^5 -steroid
oxidoreductase with short duration of action.
Endocrinology 95:238-46, Jul 74
*ANDROSTENEDIONE, metabolism/ ANIMAL
EXPERIMENTS/ CARBON RADIOISOTOPES/
CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/
*DEHYDROEPIANDROSTERONE, metabolism/
FEMALE/ *HYDROXYPROGESTERONE,
metabolism/ *HYDROXYSTEROID
DEHYDROGENASES, antagonists & inhibitors/
MALE/ MICROSOMES, metabolism/
*PREGNENOLONE, metabolism/
*PROGESTERONE, metabolism/ TESTIS,
cytology/ TESTIS, metabolism/
TESTOSTERONE, metabolism/ TIME
FACTORS/ TRITIUM
298. Béguin F: Les prostaglandines-ocytociques.
Rev Prat 24:673-6 passim, 11 Feb 74 (Fre)
ABORTION, INDUCED/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ PROSTAGLANDINS,
therapeutic use/ SPECIAL LIST FOREIGN
299. Beh KJ, Watson DL, Lascelles AK: Concentrations of
immunoglobulins and albumin in lymph collected
from various regions of the body of the sheep.
Aust J Exp Biol Med Sci 52:81-6, Feb 74
*ALBUMINS, analysis/ ANIMAL
EXPERIMENTS/ FEMALE/ GEL DIFFUSION
TESTS/ HINDLIMB/ IGA, analysis/ IGG,
analysis/ IGM, analysis/ *IMMUNOGLOBULINS,
analysis/ INTESTINES/ LACTATION/
LYMPH, analysis/ MALE/ PREGNANCY/
SERUM ALBUMIN, analysis/ SHEEP/ TESTIS/
UDDER
300. Behrman SJ: Editorial. Fertil Steril 25:521, Jun 74
FEMALE/ FSH, therapeutic use/
*GONADOTROPINS, PITUITARY, physiology/
HUMAN/ *OVARY, embryology/ OVARY,
physiology/ OVULATION, drug effects
301. Beler HM, Kühnel W: Die verzögerte Uterussekretion
nach Oestrogeninjektionen beim graviden Kaninchen.
Verh Anat Ges 67:567-75, 1972 (Ger)
ANIMAL EXPERIMENTS/ *ENDOMETRIUM,
secretion/ *ESTROGENS, administration &
dosage/ INJECTIONS/ PREGNANCY/
RABBITS/ TIME FACTORS
302. Bell E, Penning W, Burkhardt R: Vergleichende
histologische Untersuchungen des Knochenmarks
(Beckenkamm) nach lokaler fraktionierter
Gamma-Bestrahlung bei 11 Patientinnen mit
Genitalcarcinom.
Klin Wochenschr 52:326-33, 1 Apr 74 (Ger)
BONE MARROW, pathology/ *BONE MARROW
CELLS, radiation effects/ BONE MARROW
DISEASES, etiology/ BONE MARROW
DISEASES, pathology/ BONE MARROW
EXAMINATION/ *CERVIX NEOPLASMS,
radiotherapy/ DOSE-RESPONSE
RELATIONSHIP, RADIATION/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ ILIUM,
pathology/ ILIUM, radiation effects/
OVARIAN NEOPLASMS, radiotherapy/
RADIATION INJURIES, etiology/ *RADIATION
INJURIES, pathology/ RADIOTHERAPY,
adverse effects/ RADIOTHERAPY DOSAGE/
RADIUM, therapeutic use
303. Bekemeier H, Giessler AJ, Hirschelmann R:
Prostaglandins and inflammation.
Pol J Pharmacol Pharm 26:5-23, Jan-Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
ANTI-INFLAMMATORY AGENTS,
pharmacodynamics/ ARACHIDONIC ACID,
pharmacodynamics/ ARTHRITIS,
RHEUMATOID, immunology/ BRADYKININ,
pharmacodynamics/ COMPARATIVE STUDY/
DISEASE MODELS, ANIMAL/ DRUG
ANTAGONISM/ DRUG SYNERGISM/ EDEMA,
chemically induced/ FREUND'S ADJUVANT/
HISTAMINE, pharmacodynamics/
*INFLAMMATION, metabolism/ KAOLIN,
pharmacodynamics/ LECITHINS,
pharmacodynamics/ NOREPINEPHRINE,
pharmacodynamics/ PEROXIDASES,
metabolism/ PHOSPHOLIPASE, metabolism/
PROSTAGLANDINS, analysis/
*PROSTAGLANDINS, metabolism/
SEROTONIN, pharmacodynamics/ SKIN,
analysis
304. Beleslin DB, Samardžić R: Proceedings: Effect of
thyroxine on the body temperature after its
intraventricular injection into conscious cats.
J Physiol (Lond) 238:27P-28P, Apr 74
ANIMAL EXPERIMENTS/ *BODY
TEMPERATURE, drug effects/ CEREBRAL
VENTRICLES/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ INJECTIONS/
THYROXINE, administration & dosage/
*THYROXINE, pharmacodynamics/ TIME
FACTORS
305. Bell JA, Schwartz FL, Thomas JA, et al: Cystic
dilatation of sex accessory organs in common and
inbred Syrian Hamsters. J Gerontol 29:382-92, Jul 74
*AGING/ ANDROSTANES, metabolism/
ANDROSTENEDIONE, metabolism/ ANIMAL
EXPERIMENTS/ CHROMATOGRAPHY, THIN
LAYER/ EPITHELIUM/
17-HYDROXYCORTICOSTEROIDS, metabolism/
*INBREEDING/ MALE/ PROSTATIC
HYPERTROPHY, etiology/ PROSTATIC
HYPERTROPHY, metabolism/ *PROSTATIC
HYPERTROPHY, physiopathology/ SPECIES
SPECIFICITY/ STANOLONE, metabolism/
STEROLS, metabolism/ SYRIA/
TESTOSTERONE, metabolism/ TRITIUM
306. Belitsky P, Popovtzer MM, Smith JA, et al:
Renin-angiotensin activation in hyperacute renal
xenograft rejection.
Proc Soc Exp Biol Med 145:1192-6, Apr 74
*ANGIOTENSIN, blood/ ANGIOTENSIN II,
blood/ ANIMAL EXPERIMENTS/ DOGS/
EDTA, pharmacodynamics/ *GRAFT
REJECTION, drug effects/ *KIDNEY,
transplantation/ NEPHRECTOMY/
RADIOIMMUNOASSAY/ *RENIN, blood/
SWINE/ TRANSPLANTATION, AUTOLOGOUS/
*TRANSPLANTATION, HETEROLOGOUS
307. Bell AG, Cripps MH: Familial aneuploidy: what risk to
alibi? Can J Genet Cytol 16:113-9, Mar 74
*ANEUPLOIDY/ AUTOSOME
ABNORMALITIES, familial & genetic/
FEMALE/ HUMAN/ KARYOTYPING/
LYMPHOCYTES, cytology/ MALE/
MOSAICISM/ PEDIGREE/ PROBABILITY/ SEX
CHROMATIN, analysis/ SEX CHROMOSOME
ABNORMALITIES, familial & genetic/ *SEX
CHROMOSOMES
308. Bell RA, Borg TK, Ittycheriah PI: Neurosecretory cells
in the frontal ganglion of the tobacco hornworm,
Manduca sexta. J Insect Physiol 20:669-78, Apr 74
ANIMAL EXPERIMENTS/ *GANGLIA,
cytology/ *INSECTS, anatomy & histology/
INSECTS, physiology/ MICROSCOPY,
ELECTRON/ *NEUROSECRETORY SYSTEMS,
cytology/ NEUROSECRETORY SYSTEMS,
physiology
309. Bellabarba D, Bélanger R: Editorial: Aspects nouveaux
de l'exploration de la fonction thyroïdienne.
Union Med Can 103:641-2, Apr 74 (Fre)
HUMAN/ PROTEIN-BOUND IODINE TEST/

AUTHOR SECTION

- RADIOIMMUNOASSAY/ THYROID DISEASES, blood/ THYROID DISEASES, diagnosis/ *THYROID GLAND, physiology/ *THYROID GLAND FUNCTION TESTS/ THYROTROPIN, blood/ THYROTROPIN RELEASING HORMONE, diagnostic use/ THYROXINE, blood/ TRIIODOTHYRONINE, blood
310. Bellabarba D, Dallaire-Marceau M, Tremblay R: Méthode de dosage radioimmunologique de la thyroxine sérique. Union Med Can 103:647-53, Apr 74 (Fre) ANTIBODY FORMATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, diagnosis/ HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, diagnosis/ METHODS/ *RADIOIMMUNOASSAY/ SPECTROPHOTOMETRY/ *THYROXINE, blood
311. Bellet M, Chouteau Y, Verge JH, et al: Synovite pigmentée villo-nodulaire de la hanche, avec manifestations osseuses. J Radiol Electrol Med Nucl 54:861, Nov 73 (Fre) BONE RESORPTION, etiology/ DIAGNOSIS, DIFFERENTIAL/ FEMUR HEAD, radiography/ HIP, radiography/ HUMAN/ LIVER CIRRHOSIS, complications/ OSTEOARTHRITIS, etiology/ OVARIAN NEOPLASMS, complications/ PAPILLOMA, complications/ SYNOVIOMA, diagnosis/ *SYNOVITIS, diagnosis/ SYNOVITIS, surgery
312. Bellino FL, Osawa Y: Evidence of the direct aromatization of testosterone and different aromatization sites for testosterone and androstenedione in human placental microsomes. Biochemistry 13:1925-31, 23 Apr 74 *ANDROSTENEDIONE, metabolism/ BINDING, COMPETITIVE/ BINDING SITES/ CARBON RADIOISOTOPES/ CRYSTALLIZATION/ ESTRADIOL, isolation & purification/ ESTRADIOL, metabolism/ ESTRONE, metabolism/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS/ HYDROXYSTEROID DEHYDROGENASES, metabolism/ KINETICS/ *MICROSOMES, enzymology/ MODELS, CHEMICAL/ MULTIENZYME COMPLEXES, metabolism/ NADP/ OXIDOREDUCTASES, metabolism/ PLACENTA, cytology/ *PLACENTA, enzymology/ SODIUM CHLORIDE, pharmacodynamics/ *TESTOSTERONE, metabolism/ TRITIUM
313. Belman AB, Lewy FR: Acute transient renin-mediated hypertension in children following urinary diversion. Urology 3:693-6, Jun 74 ACUTE DISEASE/ BLOOD VOLUME/ CREATININE, blood/ FEMALE/ HUMAN/ HYDRALAZINE, therapeutic use/ HYDRONEPHROSIS, surgery/ HYPERTENSION, RENAL, drug therapy/ *HYPERTENSION, RENAL, etiology/ ILEUM, surgery/ JEJUNUM, surgery/ MALE/ *POSTOPERATIVE COMPLICATIONS/ *RENIN, blood/ SKIN, surgery/ *URINARY DIVERSION
314. Belsare DK: Histomorphology of the ultimobranchial gland in Heteropneustes fossilis Bloch. Mikroskopie 30:31-3, Feb 74 AGE FACTORS/ ANIMAL EXPERIMENTS/ CAPILLARIES/ CELL NUCLEUS/ CYTOPLASMIC GRANULES/ *FISHES, anatomy & histology/ *ULTIMOBANCHIAL BODY, anatomy & histology
315. Belsey R, Clark MB, Bernat M, et al: The physiologic significance of plasma transport of vitamin D and metabolites. Am J Med 57:50-6, Jul 74 (24 ref.) ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BLOOD PROTEINS, metabolism/ CARBON RADIOISOTOPES/ CHEMISTRY/ CHICKENS/ CHOLECALCIFEROL, metabolism/ DIHYDROXYCHOLECALCIFEROLS, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ERGOCALCIFEROL, blood/ ERGOCALCIFEROL, metabolism/ ERGOCALCIFEROL, therapeutic use/ GEL FILTRATION/ HUMAN/ HYDROXYCHOLECALCIFEROL, metabolism/ IN VITRO/ KIDNEY, metabolism/ OXIDATION-REDUCTION/ *PROTEIN BINDING/ REVIEW/ RICKETS, drug therapy/ SOLUBILITY/ TRITIUM/ *VITAMIN D, blood/ VITAMIN D, metabolism/ VITAMIN D, physiology
316. Belsey RE, DeLuca HF, Potts JT Jr: A rapid assay for 25-OH-vitamin D3 without preparative chromatography. J Clin Endocrinol Metab 38:1046-51, Jun 74 ANIMAL EXPERIMENTS/ BLOOD PROTEINS, metabolism/ CHOLECALCIFEROL, analysis/ CHROMATOGRAPHY/ ERGOCALCIFEROL, analysis/ *HYDROXYCHOLECALCIFEROL, analysis/ HYDROXYCHOLECALCIFEROL, metabolism/ KINETICS/ METHODS/ PROTEIN BINDING/ RATS/ TIME FACTORS/ TRITIUM
317. Beltrán M, Nieto L, Cuevas L, et al: Cuantificación directa de tiroxina sérica total por radioinmunología. Rev Invest Clin 26:125-31, Apr-Jun 74 (Spa) ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ *RADIOIMMUNOASSAY/ *THYROID DISEASES, blood/ *THYROXINE, blood
318. Bem Z, Starsyk J: W sprawie przydatności odmy zaotrzewnowej w rozpoznawaniu guzów nadnerczy. Pol Przegl Radiol 38:103-6, 1974 (Pol) *ADRENAL GLAND NEOPLASMS, diagnosis/ ADULT/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *RETROPNEUMOPERITONEUM
319. Ben-Jonathan N, Mical RS, Porter JC: Transport of LRF from CSF to hypophyseal portal and systemic blood and the release of LH. Endocrinology 95:18-25, Jul 74 ANIMAL EXPERIMENTS/ CASTRATION/ CEREBRAL VENTRICLES/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HALF-LIFE/ HYPOTHALAMUS, metabolism/ INJECTIONS/ INJECTIONS, INTRAVENOUS/ *LH, blood/ LH-FSH RELEASING HORMONE, administration & dosage/ LH-FSH RELEASING HORMONE, cerebrospinal fluid/ *LH-FSH RELEASING HORMONE, metabolism/ LH-FSH RELEASING HORMONE, pharmacodynamics/ MALE/ PITUITARY GLAND, blood supply/ *PITUITARY GLAND, metabolism/ TIME FACTORS
320. Benesik A: Further investigations concerning blascurin, a peroral contraceptive of low hormonal contents. Ther Hung 21:79-81, 1973 *CONTRACEPTIVES, ORAL, administration & dosage/ *ETHINYL ESTRADIOL, administration & dosage/ *ETHYNODIOL DIACETATE, administration & dosage/ FEMALE/ HUMAN
321. Bender MB, Christoff N: Nonsurgical treatment of subdural hematomas. Arch Neurol 31:73-9, Aug 74 CEREBRAL ANGIOGRAPHY/ DEXAMETHASONE, therapeutic use/ ELECTROENCEPHALOGRAPHY/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ *GLUCOCORTICIDS, therapeutic use/ HEMATOMA, SUBDURAL, diagnosis/ *HEMATOMA, SUBDURAL, drug therapy/ HEMATOMA, SUBDURAL, radiography/ HUMAN/ MALE/ *MANNITOL, therapeutic use/ PREDNISONE, administration & dosage/ PREDNISONE, therapeutic use/ RADIOISOTOPE SCANNING
322. Benedetti A, Englaro GC, Di Chiara F, et al: Valutazione della riserva gonadotropinica potenziale mediante stimolazione specifica con "releasing hormone". Folia Endocrinol (Roma) 27:303-27, Jun 74 (Ita) ADOLESCENCE/ ADULT/ AMENORRHEA, physiopathology/ ANOREXIA NERVOSA, physiopathology/ CHILD/ DWARFISM, PITUITARY, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ FSH, blood/ *GONADOTROPINS, PITUITARY, metabolism/ GONADS, physiopathology/ HUMAN/

AUTHOR SECTION

- HYPOGONADISM, physiopathology/
HYPOPITUITARISM, physiopathology/
HYPOTHALAMO-HYPOPHYSAL SYSTEM,
physiopathology/ KLINEFELTER'S SYNDROME,
physiopathology/ LACTATION DISORDERS,
physiopathology/ LH, blood/ *LH-FSH
RELEASING HORMONE, pharmacodynamics/
MALE/ MIDDLE AGE/ PITUITARY
NEOPLASMS, physiopathology/ PUBERTY,
PRECOCIOUS, physiopathology/ TURNER'S
SYNDROME, physiopathology
323. Bengtsson B, Gustavson KH, Reuterskiöld G, et al: Male pseudohermaphroditism with 45X-46XYq- mosaicism in a pair of monozygotic twins. *Clin Genet* 5:133-43, 1974
BLOOD CELLS, cytology/ CHILD/ CHILD,
PRESCHOOL/ DNA, biosynthesis/
FIBROBLASTS, cytology/ GENITALIA,
FEMALE, surgery/ GONADS, cytology/
HUMAN/ INFANT/ INFANT, NEWBORN/
KARYOTYPING/ MALE/ *MOSAICISM/
*PSEUDOHERMAPHRODITISM, familial &
genetic/ *SEX CHROMOSOME
ABNORMALITIES, familial & genetic/ SEX
CHROMOSOMES/ SEX DIFFERENTIATION
DISORDERS/ SKIN, cytology
324. Benjamin WB, Singer I: Effect of insulin on the phosphorylation of adipose tissue protein. *Biochim Biophys Acta* 351:28-41, 10 May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ADIPOSE TISSUE, drug effects/
*ADIPOSE TISSUE, metabolism/ ANIMAL
EXPERIMENTS/ COMPARATIVE STUDY/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ EPIDIDYMIS/ EPINEPHRINE,
pharmacodynamics/ GLUCOSE,
pharmacodynamics/ IN VITRO/ *INSULIN,
pharmacodynamics/ MALE/ METHIONINE,
metabolism/ MOLECULAR WEIGHT/
*PHOSPHOPROTEINS, biosynthesis/
PHOSPHORUS RADIOISOTOPES/
SOLUBILITY/ SULFUR RADIOISOTOPES/
TIME FACTORS
325. Benson RC Jr, Riggs BL, Pickard BM, et al: Radioimmunoassay of parathyroid hormone in hypercalcemic patients with malignant disease. *Am J Med* 56:821-6, Jun 74
BONE NEOPLASMS, blood/ CALCIUM, blood/
CREATININE, blood/ DIAGNOSIS,
DIFFERENTIAL/ FEMALE/ *HORMONES,
ECTOPIC, blood/ HUMAN/
*HYPERCALCEMIA, blood/ HYPERCALCEMIA,
complications/ HYPERPARATHYROIDISM,
complications/ HYPERPARATHYROIDISM,
diagnosis/ MALE/ NEOPLASM METASTASIS/
*NEOPLASMS, blood/ NEOPLASMS,
complications/ *NEOPLASTIC
ENDOCRINE-LIKE SYNDROMES, blood/
NEOPLASTIC ENDOCRINE-LIKE SYNDROMES,
diagnosis/ *PARATHYROID HORMONE, blood/
PHOSPHORUS, blood/ RADIOIMMUNOASSAY
326. Benson RC Jr, Riggs BL, Pickard BM, et al: Immunoreactive forms of circulating parathyroid hormone in primary and ectopic hyperparathyroidism. *J Clin Invest* 54:175-81, Jul 74
ADENOCARCINOMA, blood/
ADENOCARCINOMA, complications/
ADENOCARCINOMA, immunology/
*ADENOCARCINOMA, metabolism/ CALCIUM,
blood/ CARCINOMA, BRONCHOGENIC, blood/
CARCINOMA, BRONCHOGENIC, complications/
CARCINOMA, BRONCHOGENIC, immunology/
*CARCINOMA, BRONCHOGENIC, metabolism/
COLONIC NEOPLASMS, blood/ COLONIC
NEOPLASMS, immunology/ COLONIC
NEOPLASMS, metabolism/ GEL FILTRATION/
HORMONES, ECTOPIC, blood/ HUMAN/
HYPERCALCEMIA, blood/ HYPERCALCEMIA,
etiology/ HYPERCALCEMIA, immunology/
HYPERPARATHYROIDISM, blood/
HYPERPARATHYROIDISM, etiology/
*HYPERPARATHYROIDISM, immunology/
*NEOPLASTIC ENDOCRINE-LIKE
SYNDROMES, blood/ PARATHYROID
HORMONE, analysis/ PARATHYROID
- HORMONE, biosynthesis/ *PARATHYROID
HORMONE, blood/ RADIOIMMUNOASSAY
327. Bentley PJ: Effects of verapamil on the short-circuit current of an epithelial membrane: the toad urinary bladder. *J Pharmacol Exp Ther* 189:563-9, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ALDOSTERONE,
pharmacodynamics/ AMPHOTERICIN B,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BIOLOGICAL TRANSPORT, drug effects/
*BLADDER, drug effects/ BLADDER,
metabolism/ BUFO MARINUS/ CALCIUM,
pharmacodynamics/ COLON, drug effects/
*IPROVERATRIL, pharmacodynamics/
*MEMBRANE POTENTIALS, drug effects/
OSMOSIS/ OXYGEN CONSUMPTION, drug
effects/ SKIN, drug effects/ SODIUM,
metabolism/ VASOPRESSIN, pharmacodynamics
328. Benveniste RE, Heinemann R, Wilson GL, et al: Detection of baboon type C viral sequences in various primate tissues by molecular hybridization. *J Virol* 14:56-67, Jul 74
ANIMAL EXPERIMENTS/ BABOONS/ BASE
SEQUENCE/ *C-TYPE VIRUSES, isolation &
purification/ CARNIVORA/ CELL LINE/ DNA,
analysis/ HUMAN/ IN VITRO/ LIVER,
microbiology/ LUNG, microbiology/ NUCLEIC
ACID HYBRIDIZATION/ PLACENTA,
microbiology/ RNA, VIRAL, analysis/ SPLEEN,
microbiology/ TESTIS, microbiology/ THYMUS
GLAND/ TRITIUM/ UTERUS, microbiology
329. Benz G, Willich E: Radiologische Aspekte der Kindergynäkologie. *Fortschr Med* 92:635-40, 23 May 74 (Ger)
ADOLESCENCE/ BONE DISEASES,
DEVELOPMENTAL, radiography/ CHILD/
ENGLISH ABSTRACT/ FEMALE/ FOREIGN
BODIES, radiography/ *GYNECOLOGIC
DISEASES, radiography/ GYNECOLOGIC
NEOPLASMS, radiography/ HUMAN/
OVARIAN NEOPLASMS, radiography/
PUBERTY, PRECOCIOUS, radiography/
TRANSSEXUALISM, radiography/
UROGENITAL SYSTEM, abnormalities/
UTERINE NEOPLASMS, radiography/ VAGINA,
radiography/ VAGINAL NEOPLASMS,
radiography
330. Beraha D, Block NL, Politano VA: Myelolipoma of the kidney. *J Urol* 112:19-21, Jul 74
ADRENAL GLAND NEOPLASMS, pathology/
AORTOGRAPHY/ CASE REPORT/ HUMAN/
KIDNEY, pathology/ *KIDNEY NEOPLASMS,
pathology/ KIDNEY NEOPLASMS, radiography/
KIDNEY NEOPLASMS, surgery/ MALE/
*MYELOID METAPLASIA, pathology/
MYELOID METAPLASIA, radiography/
NEPHRECTOMY/ *RETROPERITONEAL
NEOPLASMS, pathology/ TOMOGRAPHY,
RADIOGRAPHIC/ UROGRAPHY
331. Beral V: Letter: Oral contraceptives and health. *Lancet* 1:1280, 22 Jun 74
*CARDIOVASCULAR DISEASES, chemically
induced/ CARDIOVASCULAR DISEASES,
mortality/ CEREBRAL HEMORRHAGE,
mortality/ *CONTRACEPTIVES, ORAL, adverse
effects/ CORONARY DISEASE, mortality/
ENGLAND/ FEMALE/ FOLLOW-UP STUDIES/
HUMAN/ NEOPLASMS, mortality/
RETROSPECTIVE STUDIES/ SUICIDE,
occurrence/ THROMBOPHLEBITIS, mortality
332. Berardi RS: Vascular complications of superior mesenteric artery infusion with pitressin in treatment of bleeding esophageal varices. *Am J Surg* 127:757-61, Jun 74
CASE REPORT/ CATHETERIZATION/
*ESOPHAGEAL VARICES, drug therapy/
GANGRENE, etiology/ *HEMORRHAGE,
GASTROINTESTINAL, drug therapy/
HEPATIC COMA/ HUMAN/ INTESTINAL
DISEASES, etiology/ MALE/ *MESENTERIC
ARTERIES/ *MESENTERIC VASCULAR
OCCLUSION, chemically induced/ MIDDLE
AGE/ PORTAL VEIN/ SEPTICEMIA, etiology/
THROMBOPHLEBITIS, chemically induced/

AUTHOR SECTION

- *THROMBOSIS, chemically induced/
VASOPRESSIN, administration & dosage/
*VASOPRESSIN, adverse effects/
VASOPRESSIN, therapeutic use
333. Berenson GS, Srinivasan SR, Radhakrishnamurthy B, et al: Mucopolysaccharide-lipoprotein complexes in atherosclerotic aorta.
Adv Exp Med Biol 43:141-59, 1974 (28 ref.)
*AORTA, metabolism/ ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, metabolism/ CALCIUM, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CHOLESTEROL, metabolism/ COLLAGEN, metabolism/ FATTY STREAK, ARTERIAL, metabolism/ HEPARIN, metabolism/ HUMAN/ IN VITRO/ LIPIDS, metabolism/ LIPOPROTEINS, analysis/ LIPOPROTEINS, blood/ *LIPOPROTEINS, metabolism/ MACROMOLECULAR SYSTEMS/ MUCOPOLYSACCHARIDES, analysis/ *MUCOPOLYSACCHARIDES, metabolism/ REVIEW/ URONIC ACIDS, metabolism
334. Berg D, Oberhausen E, Muth H: Untersuchungen zur Wechselwirkung von ⁴⁷Ca, ⁸⁵Sr, ¹³³Ba und ²²⁶Ra mit Proteinen im Rinderserum.
Biophysik 10:309-19, 1973 (Ger)
ANIMAL EXPERIMENTS/ *BARIUM, metabolism/ BINDING SITES/ *BLOOD PROTEINS, metabolism/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ CATTLE/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ PROTEIN BINDING/ RADIOISOTOPES/ *RADIUM, metabolism/ *STRONTIUM, metabolism/ STRONTIUM RADIOISOTOPES/ TEMPERATURE/ ULTRAFILTRATION
335. Bergamini E, De Paoli AA: Early changes of protein-kinase (glycogen-synthetase kinase) in denervated muscle. Exp Neurol 44:96-102, Jul 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *AMINO ACID OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ ENZYME ACTIVATION/ GLUCOSEPHOSPHATES, metabolism/ *GLYCOGEN, metabolism/ MALE/ *MUSCLE DENERVATION/ *MUSCLES, enzymology/ PHOSPHATASES, metabolism/ PHOSPHOTRANSFERASES, ATP, metabolism
336. Berger R, Relier JP, Salmon C, et al: X-XY mosaicism with short y. Clin Genet 5:211-7, 1974
FEMALE/ *GENTILIA, abnormalities/ GONADS, surgery/ HUMAN/ KARYOTYPING/ MALE/ MICROSCOPY, FLUORESCENCE/ *MOAICISM/ PHENOTYPE/ *SEX CHROMOSOME ABNORMALITIES, familial & genetic/ *SEX DIFFERENTIATION DISORDERS, familial & genetic/ SEX REVERSAL, GONADAL/ STAINS AND STAINING/ TESTIS, abnormalities/ UTERUS, abnormalities
337. Berger VM, Armbruster H, Siegenthaler W, et al: Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol.
Clin Endocrinol (Oxf) 3:41-8, Jan 74
ADENOMA, blood/ ADENOMA, complications/ ADRENAL GLAND NEOPLASMS, blood/ ADRENAL GLAND NEOPLASMS, complications/ *ALDOSTERONE, blood/ COMPARATIVE STUDY/ CORTICOTROPIN, blood/ CORTICOTROPIN, secretion/ DEXAMETHASONE, pharmacodynamics/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ *HYPERALDOSTERONISM, blood/ HYPERALDOSTERONISM, complications/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, secretion/ POTASSIUM, blood/ RADIOIMMUNOASSAY/ RADIOLIGAND ASSAY/ RENIN, blood/ TIME FACTORS
338. Bergink EW, Wallace RA: Precursor-product relationship between amphibian vitellogenin and the yolk proteins, lipovitellin and phosvitin.
J Biol Chem 249:2897-903, 10 May 74
- ALKYLATION/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ EGG PROTEINS, blood/ *EGG PROTEINS, metabolism/ EGG YOLK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESTROGENS, pharmacodynamics/ FEMALE/ GEL FILTRATION/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GUANIDINES/ HUMAN/ *LIPOPROTEINS, metabolism/ MALE/ MOLECULAR WEIGHT/ *OVUM, metabolism/ PEPTIDE HYDROLASES, metabolism/ *PHOSPHOPROTEINS, metabolism/ PHOSPHORUS RADIOISOTOPES/ *PROTEIN PRECURSORS, blood/ SEX FACTORS/ SODIUM DODECYL SULFATE/ TRITIUM/ TRYPSIN/ *XENOPUS, metabolism
339. Bergman AS, Sinel'nikova MP: Funktsional'no-morfologi cheskie izmeneniia tkani platsenty u zhenshchin s gipotenzivnym sindromom. Akush Ginekol (Mosk) 49:45-8, Nov 73 (Rus)
FEMALE/ HUMAN/ HYPOTENSION, complications/ *HYPOTENSION, pathology/ HYPOTENSION, physiopathology/ MICROSCOPY, ELECTRON/ *PLACENTA, pathology/ *PLACENTA DISORDERS, etiology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, pathology/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, physiopathology
340. Bergman L: Letter: Early neonatal hypocalcaemia. Lancet 1:1057-8, 25 May 74
CALCITONIN, blood/ CALCIUM, blood/ DRUG INTERACTIONS/ HUMAN/ *HYPOCALCEMIA, etiology/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ PARATHYROID HORMONE, blood/ SOMATOTROPIN, secretion
341. Bergman L, Kjellmer I, Selstam U: Calcitonin and parathyroid hormone-relation to early neonatal hypocalcaemia in infants of diabetic mothers. Biol Neonate 24:151-60, 1974
APGAR SCORE/ BIRTH WEIGHT/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, analysis/ *CALCITONIN, blood/ CALCIUM, blood/ CALCIUM, DIETARY/ FEMALE/ GESTATIONAL AGE/ HUMAN/ *HYPOCALCEMIA, etiology/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ INFANT NUTRITION/ MALE/ MATERNAL AGE/ *PARATHYROID HORMONE, blood/ PARITY/ PHOSPHORUS, blood/ PHOTOMETRY/ PREGNANCY/ *PREGNANCY IN DIABETES/ RADIOIMMUNOASSAY/ SEX FACTORS
342. Bergmann H, Erd W, Höfer R, et al: Ein EDV-unterstütztes Dokumentations- und Kontrollsystem in einer Schilddrüsenambulanz. Wien Z Inn Med 54:277-82, 1973 (Ger)
AMBULATORY CARE/ AUSTRIA/ *COMPUTERS, DIGITAL/ ENGLISH ABSTRACT/ *HOSPITAL OUTPATIENT CLINICS/ HUMAN/ INFORMATION RETRIEVAL SYSTEMS/ MEDICAL HISTORY TAKING/ ORGANIZATION AND ADMINISTRATION/ *THYROID DISEASES, diagnosis
343. Bergquist NR, Nilsson P: The conjugation of immunoglobulins with tetramethylrhodamine isothiocyanate by utilization of dimethylsulfoxide (DMSO) as a solvent. J Immunol Methods 5:189-98, Jul 74
AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ ANTINUCLEAR FACTORS/ BENZOATES/ *DIMETHYL SULFOXIDE/ *DYES/ ERYTHROCYTES, immunology/ FLUORESCENT ANTIBODY TECHNIC, instrumentation/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS/ *IMMUNOGLOBULINS/ LIVER, immunology/ SHEEP/ SOLUBILITY/ SPECTROPHOTOMETRY/ TANNINS/ THIOCYANATES/ *XANTHENES
344. Berkowitz HD, Galvin C, Miller LD: Significance of altered renin substrate in the hepatorenal syndrome.

AUTHOR SECTION

- Surg Forum 23:342-3, 1972
ANIMAL EXPERIMENTS/ IN VITRO/
KIDNEY, blood supply/ *KIDNEY DISEASES,
physiopathology/ *LIVER DISEASES,
physiopathology/ REGIONAL BLOOD FLOW/
*RENIN, blood
345. Berle P: Pattern of the human chorionic
somatomammotrophic (HCS) concentration ratio in
maternal serum and amniotic fluid during normal
pregnancy. Acta Endocrinol (Kbh) 76:364-8, Jun 74
*AMNIOTIC FLUID, metabolism/ FEMALE/
GONADOTROPINS, CHORIONIC, blood/
GONADOTROPINS, CHORIONIC, metabolism/
HUMAN/ IODINE RADIOISOTOPES/
PLACENTAL LACTOGEN, blood/
*PLACENTAL LACTOGEN, metabolism/
PREGNANCY/ RADIOIMMUNOASSAY/ TIME
FACTORS
346. Bernabei MT, Gamberini G, Cameroni R: Polimorfismo
del progesterone. 3. Solubilità e dati termodinamici
delle due forme cristalline.
Farmaco [Prat] 29:184-91, Apr 74 (Ita)
BIOPHARMACEUTICS/ CALORIMETRY/ DRUG
STABILITY/ ENGLISH ABSTRACT/
*PROGESTERONE/ SOLUBILITY/
THERMODYNAMICS
347. Bernard DB, Lynch SR, Bothwell TH, et al: Multiple
myeloma. II. The value of melphalan.
S Afr Med J 48:1026-8, 18 May 74
ALLOPURINOL, therapeutic use/ BENICE
JONES PROTEIN, urine/ DRUG THERAPY,
COMBINATION/ FEMALE/ HUMAN/ KIDNEY
DISEASES, complications/ MALE/
MELPHALAN, administration & dosage/
*MELPHALAN, therapeutic use/ MULTIPLE
MYELOMA, blood/ MULTIPLE MYELOMA,
complications/ *MULTIPLE MYELOMA, drug
therapy/ MULTIPLE MYELOMA, mortality/
MULTIPLE MYELOMA, urine/ MYELOMA
PROTEINS, analysis/ PREDNISONE,
therapeutic use/ PROTEINURIA, complications
348. Berndtson WE, Desjardins C: Circulating LH and FSH
levels and testicular function in hamsters during light
deprivation and subsequent photoperiodic
stimulation. Endocrinology 95:195-205, Jul 74
ANIMAL EXPERIMENTS/ *DARKNESS/ *FSH,
blood/ *LH, blood/ LH, metabolism/ MALE/
*PHOTIC STIMULATION/ PITUITARY
GLAND, metabolism/ PROGESTERONE,
metabolism/ TESTIS, metabolism/ *TESTIS,
physiology/ TESTOSTERONE, metabolism/
TIME FACTORS/ TRITIUM
349. Berridge MV, Loewensteiner DD, Aronson AI:
Characterization of an endoribonuclease from
Xenopus oocytes. Possible role in ribonucleic acid
turnover. Biochemistry 13:2520-7, 4 Jun 74
ANIMAL EXPERIMENTS/ CELL NUCLEUS,
metabolism/ CYTOPLASM, metabolism/
CYTOSOL, enzymology/ DRUG STABILITY/
EMBRYO, metabolism/ ENDONUCLEASES,
isolation & purification/ *ENDONUCLEASES,
metabolism/ FEMALE/ GUANOSINE,
metabolism/ HEAT/ HYDROGEN-ION
CONCENTRATION/ OVARY, analysis/ OVUM,
cytology/ *OVUM, enzymology/ PYRIMIDINE
NUCLEOSIDES, metabolism/ RIBONUCLEASE,
isolation & purification/ *RIBONUCLEASE,
metabolism/ RNA, biosynthesis/ *RNA,
metabolism/ SEA URCHINS/
STRUCTURE-ACTIVITY RELATIONSHIP/
TRITIUM/ *XENOPUS, metabolism
350. Berry BE, Carpenter FC, Fulton RE, et al: Mediastinal
hemorrhage from parathyroid adenoma simulating
dissecting aneurysm. Arch Surg 108:740-1, May 74
ADENOMA, complications/ ADENOMA,
surgery/ *AORTIC ANEURYSM, diagnosis/
AORTIC ANEURYSM, radiography/
AORTOGRAPHY/ DIAGNOSIS,
DIFFERENTIAL/ *HEMATOMA, diagnosis/
HEMATOMA, radiography/ HEMATOMA,
surgery/ HEMORRHAGE, complications/
HEMORRHAGE, etiology/ HUMAN/ MALE/
*MEDIASITINUM, surgery/ MIDDLE AGE/
- PARATHYROID NEOPLASMS, complications/
PARATHYROID NEOPLASMS, surgery
351. Berry RJ, Beechey CV, Searle AG: Cytogenetic
radiosensitivity and chiasma frequency in wild and
laboratory mice. Mutat Res 19:129-31, Jul 73
ANIMAL EXPERIMENTS/ CHROMOSOME
ABERRATIONS/ *CHROMOSOMES, radiation
effects/ *CROSSING OVER (GENETICS)/
HYBRIDIZATION/ MALE/ *MEIOSIS/
RADIATION DOSAGE/ *RADIATION
GENETICS/ SPERMATOCYTES, cytology/
SPERMATOCYTES, radiation effects/ TESTIS,
radiation effects
352. Bertagna L: Sur une expérience de quatre années de
thérapeutique par le carbonate de lithium.
Psychopharmacologie 20-5, May-Jun 73 (Fre)
ANTIPARKINSON DRUGS, therapeutic use/
CARBONATES/ CLINICAL RESEARCH/
DELIRIUM, drug therapy/ DEPRESSION, drug
therapy/ DIGESTIVE SYSTEM, drug effects/
HUMAN/ KIDNEY FAILURE, CHRONIC/
LIBIDO/ LITHIUM, adverse effects/
*LITHIUM, therapeutic use/ PARKINSONISM,
SYMPTOMATIC, chemically induced/
PERSONALITY DISORDERS/ *PSYCHOSES,
MANIC-DEPRESSIVE, drug therapy/ THYROID
GLAND, drug effects
353. Bertagna X, Lis M, Giardeau C, et al: Biosynthèse "in
vitro" de l'hormone bêta-lipotropique de boeuf.
Can J Biochem 52:349-58, May 74 (Fre)
AMINO ACID SEQUENCE/ AMINO ACIDS,
analysis/ ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, ION EXCHANGE/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ ENGLISH ABSTRACT/ GEL
FILTRATION/ GLUTAMATES/ GLYCINE/
HYDROGEN-ION CONCENTRATION/
LIPOPROTEINS, LDL/ *LIPOTROPIN,
biosynthesis/ LYSINE/ MSH/ *PITUITARY
GLAND, metabolism/ SPECTROPHOTOMETRY/
ULTRAVIOLET/ TIME FACTORS/ TRITIUM
354. Bertelli AP de, Gianotti O, Machado JC, et al: Cisto do
ducto faringotômico.
Rev Paul Med 81:27-32, Jan 73 (Por)
BIOPSY/ CASE REPORT/ *CYSTS, diagnosis/
CYSTS, embryology/ CYSTS, pathology/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
*PHARYNGEAL NEOPLASMS, diagnosis/
PHARYNGEAL NEOPLASMS, embryology/
PHARYNGEAL NEOPLASMS, pathology/
RADIOISOTOPE SCANNING/ THYMUS
NEOPLASMS, pathology/ *THYROID
NEOPLASMS, diagnosis/ THYROID
NEOPLASMS, embryology
355. Berthelene F, Mornex R, Chavrier B: A study of
thyrotropin deficiencies by the combination of two
tests of TSH function.
J Clin Endocrinol Metab 38:1068-74, Jun 74
ACROMEGALY, blood/ ADENOMA, blood/
ADOLESCENCE/ ADULT/ CARBIMAZOLE,
diagnostic use/ FEMALE/ HUMAN/
HYPOTHYROIDISM, blood/ *IODINE, blood/
IODINE RADIOISOTOPES/ MALE/ MIDDLE
AGE/ PERCHLORIC ACIDS, diagnostic use/
PITUITARY NEOPLASMS, blood/
*THYROTROPIN, blood/ THYROTROPIN,
pharmacodynamics/ THYROTROPIN
RELEASING HORMONE, diagnostic use
356. Berthoud HR, Baettig K: Effects of nutritive and
nonnutritive stomach loads on plasma glucose level
and lateral hypothalamic eating threshold in the rat
Physiol Behav 12:1015-9, Jun 74
ANIMAL EXPERIMENTS/ *BLOOD SUGAR/
CASEIN/ *DIET/ DIETARY FATS/ DIETARY
PROTEINS/ DOSE-RESPONSE RELATIONSHIP
DRUG/ ELECTRIC STIMULATION/ *FEEDING
BEHAVIOR/ GLUCOSE/ *HYPOTHALAMUS,
physiology/ KAOLIN/ MALE/ OILS/ RATS/
SATIATION/ SOY BEANS/ TIME FACTORS/
WATER
357. Besley GT, Smart RS: Proceedings: Effects of
prostaglandin E1 and an endogenous inhibitor of
vasopressin action on the cyclic AMP system in toa

AUTHOR SECTION

- bladders. *J Endocrinol* 61:33-4, Apr 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ANIMAL
EXPERIMENTS/ *BLADDER, drug effects/
BUFO MARINUS/ FLUORIDES,
pharmacodynamics/ IN VITRO/
*PROSTAGLANDINS, pharmacodynamics/
THEOPHYLLINE, pharmacodynamics/ *TISSUE
EXTRACTS, pharmacodynamics/
*VASOPRESSIN, antagonists & inhibitors/
VASOPRESSIN, pharmacodynamics
358. Besser GM, Mortimer CH: Hypothalamic regulatory hormones: a review.
J Clin Pathol 27:173-84, Mar 74 (99 ref.)
ANIMAL EXPERIMENTS/ CATTLE/
CORTICOTROPIN RELEASING HORMONE,
secretion/ DOSE-RESPONSE RELATIONSHIP,
DRUG/ DRUG INTERACTIONS/ ESTROGENS,
metabolism/ ESTRUS, drug effects/ FEMALE/
FROGS/ FSH, metabolism/ HUMAN/
HYPERTHYROIDISM, metabolism/
*HYPOTHALAMUS, secretion/
HYPOTHYROIDISM, metabolism/ LH,
metabolism/ LH-FSH RELEASING HORMONE,
secretion/ MALE/ MENSTRUATION, drug
effects/ MSH, metabolism/ *PITUITARY
HORMONE RELEASING HORMONES,
secretion/ PITUITARY HORMONES,
ANTERIOR, secretion/ PROLACTIN,
metabolism/ RABBITS/ RATS/ REVIEW/
SHEEP/ SOMATOTROPIN RELEASING
HORMONE, secretion/ TESTOSTERONE,
metabolism/ THYROID GLAND FUNCTION
TESTS/ THYROTROPIN, secretion/
THYROTROPIN RELEASING HORMONE,
secretion
359. Bethke H, Frei RW: New concepts in densitometry.
Control analysis of pharmaceutical formulations.
J Chromatogr 91:433-40, 24 Apr 74
ACETIC ACIDS, analysis/
CHROMATOGRAPHY, THIN LAYER/
*DENSITOMETRY/ *DRUGS, analysis/ DRUGS,
standards/ ERGOTAMINE, analysis/
EVALUATION STUDIES/ MATHEMATICS/
METHODS/ OSMOLAR CONCENTRATION/
SPECTROPHOTOMETRY, ULTRAVIOLET/
THYRONINE, analysis
360. Bętkowski A: Kwasochłonny gruczołek ślinianki
przysadnej.
Wiad Lek 27:55-6, 1 Jan 74 (Pol)
*ADENOMA, EOSINOPHILIC, surgery/
ENGLISH ABSTRACT/ HUMAN/ MALE/
*PAROTID NEOPLASMS, surgery
361. Betts PR, Magrath G: Growth pattern and dietary
intake of children with chronic renal insufficiency.
Br Med J 2:189-93, 27 Apr 74
ADOLESCENCE/ AGE DETERMINATION BY
SKELETON/ AGE FACTORS/ CALCIUM,
DIETARY/ CHILD/ CHILD, PRESCHOOL/
CHROMIUM RADIOISOTOPES/ CREATININE,
metabolism/ *DIET/ DIETARY PROTEINS/
GLOMERULAR FILTRATION RATE/
*GROWTH/ GROWTH DISORDERS, etiology/
HUMAN/ *KIDNEY FAILURE, CHRONIC/
KIDNEY FAILURE, CHRONIC, complications/
PUBERTY/ RICKETS, etiology/ VITAMIN D
362. Betz H: Autotomographie bei der
Pneumenzephalographie.
Roentgenblaetter 26:131-8, Mar 73 (Ger)
*BRAIN NEOPLASMS, radiography/
CEREBRAL VENTRICLE NEOPLASMS,
radiography/ ENGLISH ABSTRACT/ HUMAN/
METHODS/ PITUITARY NEOPLASMS,
radiography/ *PNEUMOENCEPHALOGRAPHY/
POSTURE/ ROTATION/ TECHNOLOGY,
RADIOLOGIC/ *TOMOGRAPHY,
RADIOGRAPHIC
363. Beaumont PJ, Corker CS, Friesen HG, et al: The effects
of phenothiazines on endocrine function: II. Effects in
men and post-menopausal women.
Br J Psychiatry 124:420-30, May 74
BLOOD SUGAR/ DEPRESSION, CHEMICAL/
*ESTROGENS, blood/ FEMALE/ HUMAN/
HYDROCORTISONE, blood/ HYPOTHALAMUS,
drug effects/ LACTATION DISORDERS/ *LH,
blood/ MALE/ *MENOPAUSE/
PHENOTHIAZINE TRANQUILIZERS,
pharmacodynamics/ *PHENOTHIAZINE
TRANQUILIZERS, therapeutic use/
PLACEBOS/ *PROLACTIN, blood/
RADIOIMMUNOASSAY/ SCHIZOPHRENIA,
drug therapy/ SOMATOTROPIN, blood/
*TESTOSTERONE, blood
364. Beaumont PJ, Friesen HG, Gelder MG, et al: Plasma
prolactin and luteinizing hormone levels in anorexia
nervosa. *Psychol Med* 4:219-21, May 74
ADOLESCENCE/ ADULT/ ANOREXIA
NERVOSA, blood/ *ANOREXIA NERVOSA,
physiopathology/ EMACIATION, etiology/
FEMALE/ HUMAN/
*HYPOTHALAMO-HYPOPHYSEAL SYSTEM/
LH, blood/ *LH, secretion/ *PITUITARY
GLAND, physiopathology/ PITUITARY GLAND,
secretion/ PROLACTIN, blood/ *PROLACTIN,
secretion/ RADIOIMMUNOASSAY
365. Beaumont PJ, Gelder MG, Friesen GH, et al: The effects
of phenothiazines on endocrine function: I. Patients
with inappropriate lactation and amenorrhoea.
Br J Psychiatry 124:413-9, May 74
*AMENORRHEA, chemically induced/ BREAST,
secretion/ ESTRADIOL, blood/ FEMALE/
HUMAN/ HYPOTHALAMUS, drug effects/
*LACTATION DISORDERS,
chemically induced/ LH, blood/
PERSONALITY DISORDERS, drug therapy/
*PHENOTHIAZINE TRANQUILIZERS, adverse
effects/ PHENOTHIAZINE TRANQUILIZERS,
pharmacodynamics/ PHYSICAL STIMULATION/
PROGESTERONE, blood/ PROLACTIN, blood/
PSYCHOSES, MANIC-DEPRESSIVE, drug
therapy/ RADIOIMMUNOASSAY/
SCHIZOPHRENIA, drug therapy
366. Bevers MM, Smits RA, Rijn J van, et al: Heat treatment
of rat liver deoxyribose 3':5'-monophosphate
phosphodiesterase. Kinetic characterization of the
low affinity enzyme.
Biochim Biophys Acta 341:120-8, 21 Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
ANIMAL EXPERIMENTS/ BINDING SITES/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ DRUG STABILITY/
ENZYME ACTIVATION/ FEMALE/ GEL
FILTRATION/ GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/ HEAT/
IMIDAZOLES, pharmacodynamics/ KINETICS/
*LIVER, enzymology/
PHOSPHODIESTERASES, metabolism/
PROTEIN BINDING/ RATS/ SODIUM
DODECYL SULFATE, pharmacodynamics/
THEOPHYLLINE, pharmacodynamics/ TIME
FACTORS/ TRITIUM
367. Beyer G, Zellmaker GH: Prolonged pseudopregnancy in
mice bearing ectopic trophoblastic tissue.
J Endocrinol 61:509-10, Jun 74
ANIMAL EXPERIMENTS/ BLASTOCYST,
transplantation/ CORPUS LUTEUM,
physiology/ FEMALE/ KIDNEY, surgery/
MICE, INBRED C57/ *PSEUDOPREGNANCY/
TIME FACTORS/ TRANSPLANTATION,
AUTOLOGOUS/ *TROPHOBLAST, physiology
368. Benerra JW, Mareconbaum LC, Magalhães A de A:
Tumoma associado a bócio mergulhante.
Rev Assoc Med Bras 20:91-2, Feb 74 (Por)
ADULT/ FEMALE/ *GOITER, SUBSTERNAL,
complications/ HUMAN/ *MEDIASTINAL
NEOPLASMS, complications/ *THYMOMA,
complications/ *THYMUS NEOPLASMS,
complications
369. Bezudova WR, Lynch SR, Sacks P, et al: Local
experience in the treatment of acute
non-lymphoblastic leukaemia.
S Afr Med J 48:963-7, 11 May 74
ACUTE DISEASE/ *ANTINEOPLASTIC
AGENTS, therapeutic use/ CYTARABINE,
therapeutic use/ DAUNOMYCIN, adverse
effects/ DAUNOMYCIN, therapeutic use/
DRUG THERAPY, COMBINATION/ HUMAN/
*LEUKEMIA, drug therapy/ LEUKEMIA,

AUTHOR SECTION

- mortality/ MERCAPTOPYRINE, therapeutic use/ PREDNISONE, therapeutic use/ REMISSION/ RETROSPECTIVE STUDIES/ VINCRISTINE, therapeutic use
370. Bhatt DR, Hattwick MA, Gerdson R, et al: Human rabies. Diagnosis, complications, and management. *Am J Dis Child* 127:862-9, Jun 74
ANTIBODIES, VIRAL, analysis/ APNEA, etiology/ AUTOPSY/ BLOOD/ BRAIN, pathology/ CARBON DIOXIDE, blood/ CHLORPROMAZINE, therapeutic use/ CONVULSIONS, drug therapy/ CONVULSIONS, etiology/ DIABETES INSIPIDUS, etiology/ FLUORESCENT ANTIBODY TECHNIC/ HEART ARREST, etiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERKINESIS, drug therapy/ HYPERKINESIS, etiology/ HYPOTENSION, etiology/ MALE/ OXYGEN, blood/ RABIES, blood/ RABIES, complications/ *RABIES, diagnosis/ RABIES, drug therapy/ RABIES, immunology/ RABIES, pathology/ RABIES, therapy/ RABIES VIRUS, isolation & purification/ VASOPRESSIN, secretion
371. Bhattacharya G, Dastidar FG, Sinha AM, et al: Studies on beta-galactosidase activity in *Vibrio* El Tor. *Can J Microbiol* 20:897-8, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ CARBON RADIOISOTOPES/ CELL-FREE SYSTEM/ ENZYME REPRESSION, drug effects/ *GALACTOSIDASE, metabolism/ GLUCOSE, pharmacodynamics/ GLYCOSIDES, metabolism/ LACTOSE, metabolism/ PERMEASES, metabolism/ *VIBRIO COMMA, enzymology/ VIBRIO COMMA, metabolism
372. Bhattacharyya B, Wolff J: Thyroid tubulin: purification and properties. *Biochemistry* 13:2364-9, 21 May 74
AMINO ACIDS, analysis/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CALCIUM/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COLCHICINE, metabolism/ ELECTROPHORESIS, DISC/ GEL FILTRATION/ MACROMOLECULAR SYSTEMS/ METHODS/ *MICROTUBULES, analysis/ MICROTUBULES, metabolism/ MOLECULAR WEIGHT/ NERVE TISSUE PROTEINS, analysis/ *NERVE TISSUE PROTEINS, isolation & purification/ NERVE TISSUE PROTEINS, metabolism/ ORGAN SPECIFICITY/ PHOSPHATES, analysis/ PROTEIN BINDING/ SODIUM DODECYL SULFATE/ SOLUBILITY/ SPECTROMETRY, FLUORESCENCE/ *THYROID GLAND, analysis/ TRITIUM
373. Bhattacharyya MH, DeLuca HF: Subcellular location of rat liver calciferol-25-hydroxylase. *Arch Biochem Biophys* 160:58-62, Jan 74
ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ CHOLECALCIFEROL/ COMPARATIVE STUDY/ CYTOPLASM, enzymology/ GEL FILTRATION/ LIVER, cytology/ *LIVER, enzymology/ MALE/ MICROSOMES, LIVER, enzymology/ MITOCHONDRIA, LIVER, enzymology/ RATS/ *STEROID HYDROXYLASES, analysis/ TRITIUM/ ULTRACENTRIFUGATION
374. Bianchi S: A histochemical investigation of neurosecretion in *Enchytraeus albidus* (Enchytraeidae). *Gen Comp Endocrinol* 22:454-8, Apr 74
ANIMAL EXPERIMENTS/ *ANNELIDA, physiology/ CYSTINE, analysis/ DISULFIDES, analysis/ HISTOCYTOCHEMISTRY/ LIPIDS, analysis/ *NEUROSECRETION/ *NEUROSECRETORY SYSTEMS, analysis/ STAINS AND STAINING
375. Blanchine JW: Letter: Acromial dimples: a benign familial trait. *Am J Hum Genet* 26:412-3, May 74
ADULT/ AGED/ CHILD, PRESCHOOL/ CHROMOSOME ABNORMALITIES, diagnosis/ CHROMOSOMES/ CHROMOSOMES, HUMAN, 16-18/ FEMALE/ GENES, DOMINANT/ HUMAN/ *SCAPULA/ SEX CHROMOSOMES
376. Blanchine JW, Taylor BD: Letter: Noonan syndrome and fetal alcohol syndrome. *Lancet* 1:933, 11 May 74
*ALCOHOLISM, complications/ ALCOHOLISM, familial & genetic/ FEMALE/ FETAL DISEASES, etiology/ HUMAN/ INFANT, NEWBORN/ MALE/ PHENOTYPE/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ SYNDROME/ *TURNER'S SYNDROME, etiology
377. Biber B, Fara J, Lundgren O: A pharmacological study of intestinal vasodilator mechanisms in the cat. *Acta Physiol Scand* 90:673-83, Apr 74
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CATS/ CHOLECYSTOKININ, pharmacodynamics/ ELECTRIC STIMULATION/ *ERGOTAMINE, pharmacodynamics/ FEMALE/ GASTROINTESTINAL MOTILITY, drug effects/ *INTESTINAL MUCOSA, blood supply/ INTESTINAL MUCOSA, metabolism/ INTESTINE, SMALL, blood supply/ *INTESTINE, SMALL, drug effects/ MALE/ PAPAVERINE, pharmacodynamics/ REGIONAL BLOOD FLOW, drug effects/ SECRETIN, pharmacodynamics/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, blood/ *SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL/ TACHYPHYLAXIS, drug effects/ TETRODOTOXIN, pharmacodynamics
378. Bieger D, Hornykiewicz O: Dopamine in the earthworm, *Lumbricus terrestris*: enhancement of rhythmic contractile activity. *Neuropharmacology* 11:745-8, Sep 72
ANIMAL EXPERIMENTS/ APOMORPHINE, pharmacodynamics/ CATECHOL METHYLTRANSFERASE, antagonists & inhibitors/ *DOPAMINE, pharmacodynamics/ *EARTHWORMS/ IN VITRO/ IPRONIAZID, pharmacodynamics/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ *MUSCLE CONTRACTION, drug effects/ NEURONS, drug effects/ NOREPINEPHRINE, pharmacodynamics/ PYROGALLOL, pharmacodynamics/ SEROTONIN, pharmacodynamics
379. Bieri JG, Everts RF: Vitamin E activity of gamma-tocopherol in the rat, chick and hamster. *J Nutr* 104:850-7, Jul 74
ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ BIOLOGICAL ASSAY/ CHICKENS/ CREATINE KINASE, blood/ FEMALE/ LIVER DISEASES, etiology/ *LIVER DISEASES, prevention & control/ MALE/ MUSCULAR DYSTROPHY, etiology/ MUSCULAR DYSTROPHY, ANIMAL, prevention & control/ NECROSIS/ POULTRY DISEASES, prevention & control/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ TESTICULAR DISEASES, etiology/ TESTICULAR DISEASES, prevention & control/ VITAMIN E, administration & dosage/ VITAMIN E, pharmacodynamics/ *VITAMIN E, therapeutic use/ VITAMIN E DEFICIENCY, complications/ *VITAMIN E DEFICIENCY, drug therapy/ VITAMIN E DEFICIENCY, veterinary
380. Bigl V, Biesold D, Weiss K: The influence of functional alteration on monoamine oxidase and catechol-O-methyl transferase in the visual pathway of rats. *J Neurochem* 22:505-9, Apr 74
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ *CATECHOL METHYLTRANSFERASE, metabolism/ CEREBRAL CORTEX, enzymology/ DARKNESS/ FEMALE/ GENICULATE BODIES, enzymology/ *MONOAMINE OXIDASE, metabolism/ OPTIC NERVE, enzymology/ PHOTIC STIMULATION/ PREGNANCY/ RATS/ SEROTONIN/ SUPERIOR COLLICULUS, enzymology/ VISUAL CORTEX, enzymology/ *VISUAL PATHWAYS, enzymology
381. Bigorgne J, Bigorgne JC, Hallot-Boyer P, et al:

AUTHOR SECTION

Scotomes centraux au cours des tumeurs sellaires et parasellaires.

Rev Otonuroophthalmol 45:185-91, Mar-Apr 73 (Fre)

*BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, surgery/ FEMALE/ HUMAN/ MALE/ *PITUITARY NEOPLASMS, complications/ *SCOTOMA, etiology/ *SELLA TURCICA

382. Biliński S, Bielak L: Kondensacja 4-R-tiosemikarbazylu kwasu nikotynowego z alpha-chlorowocetonami. I. Reakcja z chloroacetonem.

Ann Univ Mariae Curie Skłodowska [Med] 28:161-70, 1973 (Pol)

AMINES/ CHEMISTRY/ ENGLISH ABSTRACT/ HYDROLYSIS/ NICOTINIC ACID/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *THIOUREA

383. Biller HF, Sessions DG, Ogura JH: Angiofibroma: a treatment approach. Laryngoscope 84:695-706, May 74

ADOLESCENCE/ ADULT/ ANGIOGRAPHY/ ANGIOMA, SCLEROSING, diagnosis/ ANGIOMA, SCLEROSING, radiography/ ANGIOMA, SCLEROSING, radiotherapy/ *ANGIOMA, SCLEROSING, surgery/ CHILD/ COBALT RADIOISOTOPES, therapeutic use/ ESTROGENS, blood/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ METHODS/ NASOPHARYNGEAL NEOPLASMS, diagnosis/ NASOPHARYNGEAL NEOPLASMS, radiography/ NASOPHARYNGEAL NEOPLASMS, radiotherapy/ *NASOPHARYNGEAL NEOPLASMS, surgery/ PREOPERATIVE CARE/ RETROSPECTIVE STUDIES/ SUTURE TECHNIQS/ UNITED STATES

384. Billiar RB, Jassani M, Saarikoski S, et al: Pregnenolone and pregnenolone sulfate metabolism in vivo and uterine extraction at midgestation.

J Clin Endocrinol Metab 39:27-35, Jul 74

FEMALE/ GESTATIONAL AGE/ HUMAN/ MATERNAL-FETAL EXCHANGE/ *PREGNANCY, PREGNENOLONE, blood/ *PREGNENOLONE, metabolism/ PROGESTERONE, biosynthesis/ TRITIUM/ UMBILICAL VEINS/ UTERUS, blood supply/ *UTERUS, metabolism

385. Billund JK: Prednisonbehandling af metastaserende cancer mammae.

Ugeskr Laeger 136:1306, 10 Jun 74 (Dan)

ADENOCARCINOMA, drug therapy/ *BREAST NEOPLASMS, drug therapy/ CARCINOMA, drug therapy/ FEMALE/ FEMORAL NEOPLASMS, drug therapy/ HUMAN/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, drug therapy/ PELVIC NEOPLASMS, drug therapy/ *PREDNISONE, therapeutic use

386. Bindeballe W, Leybold K, Niedermayer W, et al: Der Einfluss der Hämodialyse auf den Hormonstatus terminal niereninsuffizienter Patienten.

Verh Dtsch Ges Inn Med 79:1249-52, 1973 (Ger)

ADOLESCENCE/ ADULT/ *HEMODIALYSIS/ *HORMONES, blood/ HUMAN/ HYDROCORTISONE, blood/ INSULIN, blood/ IODINE, blood/ *KIDNEY FAILURE, CHRONIC, blood/ LH, blood/ MIDDLE AGE/ PROTEIN BINDING/ SOMATOTROPIN, blood/ THYROTROPIN, blood/ THYROXINE, blood

387. Binderman I, Duksin D, Harell A, et al: Formation of bone tissue in culture from isolated bone cells.

J Cell Biol 61:427-39, May 74

ALKALINE PHOSPHATASE, metabolism/ BONE AND BONES/ BONE MATRIX/ CALCIFICATION, PHYSIOLOGIC/ CALCITONIN, pharmacodynamics/ CALCIUM PHOSPHATES, metabolism/ CALCIUM RADIOISOTOPES/ CELLS, CULTURED/ COLLAGEN/ HISTOCYTOCHEMISTRY/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MODELS, BIOLOGICAL/ OSTEOBLASTS, cytology/ OSTEOBLASTS, enzymology/ OSTEOBLASTS, metabolism/ *OSTEOBLASTS, physiology/ *OSTEOGENESIS/ PERIOSTEUM/ RATS

388. Bingham EW, Farrel HM Jr: Casein kinase from the Golgi apparatus of lactating mammary gland.

J Biol Chem 249:3647-51, 10 Jun 74

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, administration & dosage/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CASEIN/ CATIONS, DIVALENT/ DITHIOTHREITOL, pharmacodynamics/ FEMALE/ *GOLGI APPARATUS, enzymology/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LACTATION/ MAGNESIUM, pharmacodynamics/ MAMMAE, cytology/ *MAMMAE, enzymology/ MERCAPTOETHANOL, pharmacodynamics/ MICROSCOPY, ELECTRON/ MUSCLES, enzymology/ ORGAN SPECIFICITY/ PHOSPHORUS RADIOISOTOPES/ PREGNANCY/ PROTEIN KINASE, antagonists & inhibitors/ *PROTEIN KINASE, metabolism/ RABBITS/ RATS

389. Birch AJ: Dihydrobenzenes in synthesis in terpene related areas.

J Agric Food Chem 22:162-7, Mar-Apr 74 (39 ref.)

ANISOLE/ CHEMISTRY/ *CYCLOHEXANE/ JUVENILE HORMONES, chem synthesis/ METHYL ETHERS/ NORSTEROIDS, chem synthesis/ OXIDATION-REDUCTION/ REVIEW/ STEREOISOMERS/ STEROIDS, chem synthesis/ *TERPENES, chem synthesis

390. Bischof W, Bohner J, Wahl R, et al: Peritonealdialyse bei Thyroxinvergiftung.

Verh Dtsch Ges Inn Med 79:749-51, 1973 (Ger)

ANIMAL EXPERIMENTS/ *PERITONEAL DIALYSIS/ RABBITS/ *THYROID CRISIS, therapy/ THYROXINE, blood/ TIME FACTORS

391. Bishara SE, Iversen WW: Cephalometric comparisons on the cranial base and face in individuals with isolated clefts of the palate.

Cleft Palate J 11:162-75, Apr 74

AGE FACTORS/ *CEPHALOMETRY/ CHILD/ *CLEFT PALATE/ CLEFT PALATE, surgery/ COMPARATIVE STUDY/ FACE/ FEMALE/ HUMAN/ MANDIBLE, growth & development/ MAXILLA, growth & development/ MAXILLOFACIAL DEVELOPMENT/ PUBERTY/ SAMPLING STUDIES/ SEX FACTORS/ SKULL

392. Bitensky L, Alagband-Zadeh J, Chayen J: Studies on thyroid stimulating hormone and the long-acting thyroid stimulating hormone.

Clin Endocrinol (Oxf) 3:363-74, Jul 74

AMINO ACID NAPHTHYLAMIDASES, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ HUMAN/ IN VITRO/ LONG-ACTING THYROID STIMULATOR, blood/ *LONG-ACTING THYROID STIMULATOR, pharmacodynamics/ LYSOSOMES, drug effects/ LYSOSOMES, enzymology/ MEMBRANES, drug effects/ PERMEABILITY/ *THYROID GLAND, drug effects/ THYROTROPIN, blood/ *THYROTROPIN, pharmacodynamics/ TIME FACTORS

393. Bitto LZ: Active transport of prostaglandins.

Prostaglandins 6:545, 25 Jun 74

ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ BLOOD-BRAIN BARRIER, drug effects/ CHOROID PLEXUS, metabolism/ DEPRESSION, CHEMICAL/ FEMALE/ KIDNEY CORTEX, metabolism/ *PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ TRITIUM/ UVEA, metabolism/ VAGINA, metabolism

394. Bizollon CA, Riviere JF, Franchimont P, et al: Solid phase radioimmunoassay of plasma aldosterone.

Steroids 23:809-21, Jun 74

*ALDOSTERONE, blood/ CELLULOSE/ CHROMATOGRAPHY, PAPER/ CROSS REACTIONS/ EVALUATION STUDIES/ HUMAN/ METHODS/ OXIMES/ RABBITS,

AUTHOR SECTION

- immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ TRITIUM
395. Bjerre B: A neutralizing influence of dibutyl cyclic AMP on competent chick ectoderm. *Experientia* 30:534-5, 15 May 74
ANIMAL EXPERIMENTS/ ANTIGENS/ CELL DIFFERENTIATION, drug effects/ CELLS, CULTURED/ *CHICK EMBRYO, growth & development/ *DIBUTYL CYCLIC AMP, pharmacodynamics/ *ECTODERM, drug effects/ FLUORESCENT ANTIBODY TECHNIC/ IMMUNE SERUMS/ *MORPHOGENESIS, drug effects/ *NERVE TISSUE, embryology/ NERVE TISSUE, immunology/ THEOPHYLLINE, pharmacodynamics
396. Bjerre B, Björklund A, Edwards DC: Axonal regeneration of peripheral adrenergic neurons: effects of antiserum to nerve growth factor in mouse. *Cell Tissue Res* 148:441-76, 8 May 74
ANIMAL EXPERIMENTS/ AXONS, drug effects/ *AXONS, physiology/ GANGLIA, AUTONOMIC, drug effects/ HEART, innervation/ HYDROXYDOPAMINE/ *IMMUNE SERUMS, pharmacodynamics/ INTESTINES, innervation/ INTESTINES, metabolism/ IRIS, innervation/ IRIS, metabolism/ MALE/ MYOCARDIUM, metabolism/ *NERVE GROWTH FACTOR/ *NERVE REGENERATION, drug effects/ NOREPINEPHRINE, metabolism/ PANCREAS, innervation/ PANCREAS, metabolism/ SALIVARY GLANDS, innervation/ SALIVARY GLANDS, metabolism/ SPLEEN, innervation/ SPLEEN, metabolism/ SYMPATHETIC NERVOUS SYSTEM, drug effects/ *SYMPATHETIC NERVOUS SYSTEM, physiology
397. Blackard WG, Andrews SS: Integration of the secretory control mechanisms for insulin, glucagon, and growth hormone. *Curr Top Exp Endocrinol* 2:129-53, 1974
AMINO ACIDS, blood/ BLOOD SUGAR/ CARBOHYDRATES, blood/ DIABETES MELLITUS, physiopathology/ DIETARY CARBOHYDRATES/ DIETARY PROTEINS/ EXERTION/ FASTING/ FOOD/ GLUCAGON, physiology/ *GLUCAGON, secretion/ HUMAN/ INSULIN, physiology/ *INSULIN, secretion/ ISLANDS OF LANGERHANS, secretion/ LIPIDS, blood/ *PANCREAS, secretion/ *PITUITARY GLAND, secretion/ RECEPTORS, ADRENERGIC/ SLEEP/ SOMATOTROPIN, physiology/ *SOMATOTROPIN, secretion/ TIME FACTORS
398. Blähser S: Zur Morphologie und Funktion der Thyreozyten und der Calcitoninzellen (C-Zellen) der Ratte. Serumanalysen nach Injektionen von thyreotropem Hormon, Tocopherol, Calciumchlorid oder Phosphat. *Endokrinologie* 62:327-49, 1973 (Ger)
ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ *ANIMAL NUTRITION/ *CALCITONIN, metabolism/ *CALCITONIN, physiology/ CALCITONIN, secretion/ CALCIUM, blood/ *CALCIUM CHLORIDE, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ MALE/ PHOSPHATES, administration & dosage/ PHOSPHORUS, blood/ RATS/ *THYROID GLAND, cytology/ THYROID GLAND, drug effects/ THYROID GLAND, physiology/ *THYROTROPIN, administration & dosage/ *VITAMIN E, administration & dosage
399. Blair HM 3d: Letter: Fixed drug eruption from chlordiazepoxide. *Arch Dermatol* 109:914, Jun 74
BETAMETHASONE, therapeutic use/ *CHLORDIAZEPOXIDE, adverse effects/ DERMATITIS MEDICAMENTOSA, drug therapy/ DERMATITIS MEDICAMENTOSA, etiology/ DRUG HYPERSENSITIVITY/ FEMALE/ HUMAN/ MIDDLE AGE/ NECK
400. Blakeley AG, Powis G, Summers RJ: An uptake mechanism for L-noradrenaline in the cat spleen, associated with the nerves but distinct from uptake J *Physiol (Lond)* 238:193-206, Apr 74
ANIMAL EXPERIMENTS/ DENERVATION/ DESIPRAMINE, pharmacodynamics/ ELECTRIC STIMULATION/ ERYTHROCYTES, metabolism/ ESTRADIOL, pharmacodynamics/ IN VITRO/ *NEURONS, metabolism/ *NOREPINEPHRINE, metabolism/ PERFUSION/ PHENOXYBENZAMINE, pharmacodynamics/ SPLEEN, drug effects/ SPLEEN, innervation/ *SPLEEN, metabolism/ TIME FACTORS/ TRITIUM
401. Blanquet FR, Lolez A: Colloidal iron used at pH's lower than 1 as electron stain for surface proteins J *Histochem Cytochem* 22:368-77, May 74
ANIMAL EXPERIMENTS/ CARCINOMA, EHRICH TUMOR, pathology/ CATTLE/ *CELL MEMBRANE, analysis/ CLOSTRIDIUM PERFRINGENS, enzymology/ COLLOIDS/ DRUG STABILITY/ EVALUATION STUDIES/ HISTOLOGICAL TECHNIQUES/ HYALURONIDASE/ HYDROCHLORIC ACID/ HYDROGEN-ION CONCENTRATION/ IRON/ LIVER, cytology/ LYSINE/ MALE/ METHODS MICE/ NEURAMINIDASE/ PEPTIDES/ PHOSPHOLIPASE/ *PROTEINS, analysis/ RATS/ SPECTROPHOTOMETRY/ STAINS AND STAINING/ TESTIS, enzymology/ VIBRIO COMMA, enzymology
402. Blanton RJ, Rudy TA, Komiskey HL: Muscarinic mediation of the biphasic temperature response to intrahypothalamic injections of carbachol in the cat *Experientia* 30:508-9, 15 May 74
ANIMAL EXPERIMENTS/ BELLADONNA, pharmacodynamics/ *BODY TEMPERATURE REGULATION, drug effects/ *CARBACHOL, pharmacodynamics/ CATS/ *HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, physiology/ MALE/ MECAMYLAMINE, pharmacodynamics/ NEURAL TRANSMISSION, drug effects/ NICOTINE, pharmacodynamics/ OXOTREMORINE, pharmacodynamics/ PARASYMPATHOLYTICS, pharmacodynamics/ PARASYMPATHOMIMETICS, pharmacodynamics/ *RECEPTORS, CHOLINERGIC, drug effects/ SPECIES SPECIFICITY
403. Blažek K, Erhardová-Kotrlá B, Kotrlá A: Ovulation of the trematode *Fascioloides magna* in relation to the duration of parasitization. *Folia Parasitol (Praha)* 19:335-9, 1972
ANIMAL EXPERIMENTS/ CATTLE DISEASES/ DEER/ FECES/ *OVULATION/ PARASITE EGG COUNT/ TIME FACTORS/ *TREMATODA, physiology/ TREMATODE INFECTIONS, veterinary
404. Blázquez E, Sugase T, Blázquez M, et al: Neonatal changes in the concentration of rat liver cyclic AMP and of serum glucose, free fatty acids, insulin, pancreatic, and total glucagon in man and in the rat J *Ky Med Assoc* 83:957-67, Jun 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ANTIGENS, metabolism/ *BLOOD SUGAR, metabolism/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ FETUS/ GESTATIONAL AGE/ *GLUCAGON, metabolism/ HUMAN/ *INSULIN, blood/ INSULIN, metabolism/ *LIVER, metabolism/ PANCREAS, metabolism/ RATS
405. Blekherman NA, Il'ina VI: Delaki zminy funktsionalnykh v zhinok, laki perebuvaniut' v kontak z khlororhanichnymi spolukamy. *Pediatr Akush Ginekol* 2:57-9, 1973 (Ukr)
ADULT/ ESTROGENS, urine/ FEMALE/ HUMAN/ *INSECTICIDES, ORGANOCHEMICALS, adverse effects/ MENSTRUATION, drug effects/ MIDDLE AGE/ *OVARY, drug effects/ OVULATION, drug effects/ PREGNANEDIOL, urine
406. Blétry O, Cartier P, Hamet M, et al: Hyperuricémie pré-déclat en hypoxanthine-guanine-phosphoribosyltransférase.

AUTHOR SECTION

Nouv Presse Med 3:995-9, 20 Apr 74 (Fre)

ALLOPURINOL, adverse effects/
*ALLOPURINOL, therapeutic use/ ANEMIA,
etiology/ ARTHRITIS, etiology/
BENZOFURANS, therapeutic use/ ENGLISH
ABSTRACT/ GOUT, drug therapy/ GOUT,
etiology/ *GOUT, familial & genetic/ HUMAN/
HYPERLIPIDEMIA, etiology/ HYPOTHYROIDISM,
chemically induced/ *HYPOXANTHINES,
metabolism/ KIDNEY CALCULI, etiology/
MALE/ *METABOLISM, INBORN ERRORS,
complications/ PEDIGREE/
*PENTOSYLTRANSFERASES, metabolism/
*URIC ACID, blood/ URICOSURIC AGENTS,
therapeutic use

407. Bloch-Michel H, Cayla J, Delbarre F, et al: Etude
coopérative sur le traitement de long cours de
l'ostéoporose par la thyrocalcitonine à faible dose. A
propos de 55 cas.

Rev Rhum Mal Osteoartic 41:93-104, Feb 74 (Fre)
AGE FACTORS/ *CALCITONIN, administration
& dosage/ CORTISONE, adverse effects/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
LONG TERM CARE/ MALE/ MENOPAUSE/
OSTEOPOROSIS, chemically induced/
*OSTEOPOROSIS, drug therapy/
OSTEOPOROSIS, radiography/ PAIN/
PROGNOSIS/ SEX FACTORS

408. Block ML, Vallier GH, Glickman SE: Elicitation of
water ingestion in the Mongolian gerbil (*Meriones
unguiculatus*) by intracranial injections of
angiotensin II and 1-norepinephrine.

Pharmacol Biochem Behav 2:235-42, Mar-Apr 74
ANGIOTENSIN II, administration & dosage/
*ANGIOTENSIN II, pharmacodynamics/
ANIMAL EXPERIMENTS/ APPETITE
REGULATION, drug effects/ BEHAVIOR,
ANIMAL, drug effects/ BRAIN/ CARBACHOL,
administration & dosage/ *CARBACHOL,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ *DRINKING
BEHAVIOR, drug effects/ EATING/
GERBILS, physiology/ HYPOTHALAMUS,
physiology/ INJECTIONS/ MALE/
NOREPINEPHRINE, administration & dosage/
*NOREPINEPHRINE, pharmacodynamics/
SEPTUM PELLUCIDUM, physiology/ SPECIES
SPECIFICITY/ STIMULATION, CHEMICAL/
THIRST

409. Block SH: Nasal congestion as a side effect of cromolyn
sodium. J Allergy Clin Immunol 53:243-4, Apr 74

ASTHMA, drug therapy/ CASE REPORT/
*DISODIUM CROMOGLYCATE,
adverse effects/ DISODIUM CROMOGLYCATE,
therapeutic use/ GUAIACOL GLYCERYL
ETHER, therapeutic use/ HUMAN/ MALE/
*NASAL MUCOSA, drug effects/
PREDNISONE, therapeutic use/ SKIN TESTS/
THEOPHYLLINE, therapeutic use/
*VASODILATOR AGENTS, adverse effects

410. Bloom FE, Chu N, Hoffer BJ, et al: Studies on the
function of central noradrenergic neurons.

Neurosci Res 5:53-72, 1973 (75 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BRAIN, cytology/ *BRAIN, metabolism/
CEREBELLUM, cytology/ CEREBELLUM,
metabolism/ EVALUATION STUDIES/
HISTOCYTOCHEMISTRY/ IONTOPHORESIS/
METHODS/ MICROSCOPY, ELECTRON/
MICROSCOPY, FLUORESCENCE/ NEURONS,
cytology/ *NEURONS, metabolism/
NOREPINEPHRINE, metabolism/
NOREPINEPHRINE, pharmacodynamics/
PURKINJE CELLS, drug effects/ PURKINJE
CELLS, metabolism/ RECEPTORS, DRUG/
RECEPTORS, NEURAL, drug effects/
REVIEW/ SYNAPSES, metabolism/ TRITIUM

411. Bloom S, Brady AJ, Langer GA: Calcium metabolism
and active tension in mechanically disaggregated
heart muscle. J Mol Cell Cardiol 6:137-47, Apr 74
ANIMAL EXPERIMENTS/ AZIDES,
pharmacodynamics/ CAFFEINE,
pharmacodynamics/ *CALCIUM, metabolism/
CELL MEMBRANE PERMEABILITY/

DOSE-RESPONSE RELATIONSHIP, DRUG/
HEART, drug effects/ *HEART, physiology/
HEART VENTRICLE, physiology/
LANTHANUM, pharmacodynamics/
MEMBRANE POTENTIALS/ MICE/
MITOCHONDRIA, MUSCLE, physiology/
*MYOCARDIUM, metabolism/ OLIGOMYCIN,
pharmacodynamics/ POTASSIUM,
pharmacodynamics/ RUTHENIUM,
pharmacodynamics/ SARCOLEMMMA,
metabolism/ SARCOPLASMIC RETICULUM,
metabolism/ SARCOPLASMIC RETICULUM,
physiology/ SODIUM, pharmacodynamics/
STIMULATION, CHEMICAL

412. Blum JW, Mayer GP, Potts JT Jr: Parathyroid hormone
responses during spontaneous hypocalcemia and
induced hypercalcemia in cows.

Endocrinology 95:84-92, Jul 74
ANIMAL EXPERIMENTS/ CALCIUM, blood/
FEMALE/ HALF-LIFE/ *HYPERCALCEMIA,
blood/ *HYPOCALCEMIA, blood/ IODINE
RADIOISOTOPES/ LABOR/ MAGNESIUM,
blood/ *PARATHYROID HORMONE, blood/
RADIOIMMUNOASSAY/ SECRETORY RATE/
SPECTROPHOTOMETRY, ATOMIC
ABSORPTION

413. Blum M, Weinberg U, Shenkman L, et al:
Hyperthyroidism after iodinated contrast medium.

N Engl J Med 291:24-5, 4 Jul 74
CONTRAST MEDIA, administration & dosage/
*CONTRAST MEDIA, adverse effects/
FEMALE/ GOITER, NODULAR, diagnosis/
HUMAN/ *HYPERTHYROIDISM, chemically
induced/ INJECTIONS, INTRAVENOUS/
IODINE, administration & dosage/ *IODINE,
adverse effects/ IODINE, diagnostic use/
MIDDLE AGE/ THYROID GLAND FUNCTION
TESTS/ UROGRAPHY, adverse effects

414. Blunden G, Yi Y, Jewers K: A reinvestigation of the
steroidal sapogenins of *Agave sisalana*.

Lloydia 37:10-6, Mar 74
ACETATES, isolation & purification/
ALCOHOL, METHYL/ CHROMATOGRAPHY,
THIN LAYER/ KENYA/ MOLECULAR
CONFORMATION/ OXIDATION-REDUCTION/
*PLANTS, MEDICINAL, analysis/ *SAPONINS,
isolation & purification/
SPECTROPHOTOMETRY, INFRARED/
*STERIODS, isolation & purification

415. Boat TF, Doershuk CF, Stern RC, et al: Serum alkaline
phosphatase in cystic fibrosis. Interpretation of
elevated values based on electrophoretic isoenzyme
analyses. Clin Pediatr (Phila) 13:505-12, Jun 74

ABNORMALITIES, complications/ AGE
FACTORS/ *ALKALINE PHOSPHATASE,
blood/ BONE AND BONES, enzymology/
CYSTIC FIBROSIS, diagnosis/ *CYSTIC
FIBROSIS, enzymology/ DIAGNOSIS,
DIFFERENTIAL/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ ENZYME TESTS/
FEMALE/ FINGERS, abnormalities/ HEART
FAILURE, CONGESTIVE, complications/
HEPATITIS, TOXIC, enzymology/ HUMAN/
INTESTINES, enzymology/ ISOENZYMES,
analysis/ JAUNDICE, OBSTRUCTIVE,
enzymology/ LIVER, enzymology/ LIVER
CIRRHOSIS, diagnosis/ LIVER CIRRHOSIS,
enzymology/ MALE/ SEX FACTORS

416. Bobkova LN, Kazarinov NA: Kontrol' iakosti hotovykh
likars'kykh form, shcho mistiat' kortykosteroidy
fizyko-khimichnymi metodami. Povidomlennia I.
Spektrofotometrychnye vyznachennia hidrokortyzonu
atsetatu v mazi.

Farm Zh 28:29-33, Nov-Dec 73 (Ukr)
ACETATES, analysis/ *ADRENAL CORTEX
HORMONES, chem synthesis/ CHEMISTRY,
PHYSICAL/ ENGLISH ABSTRACT/
*HYDROCORTISONE, analysis/ ISONIAZID,
analysis/ *OINTMENTS, analysis/ QUALITY
CONTROL/ *SPECTROPHOTOMETRY

417. Bobrowski H, Miserski K: Groźne dla życia powikłanie w
przebiegu nielezionej moczówki prostej pochodzenia
podwzgórzowo-przysadkowego.

Pol Tyg Lek 29:993-4, 10 Jun 74 (Pol)

AUTHOR SECTION

- ARRHYTHMIA, complications/ CENTRAL NERVOUS SYSTEM DISEASES, complications/ DEHYDRATION, complications/ *DIABETES INSIPIDUS, complications/ DIABETES INSIPIDUS, drug therapy/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOKALEMIA, complications/ VASOPRESSIN, therapeutic use
418. Bocci A: Il ciclo mestruale. Minerva Ginecol 26:76-81, Feb 74 (Ita)
CORPUS LUTEUM, physiology/ ESTROGENS, biosynthesis/ FEMALE/ HUMAN/ *MENSTRUATION/ OVARY, metabolism/ OVARY, physiology/ OVULATION/ PROGESTATIONAL HORMONES, biosynthesis
419. Bock KW, Weiner R, Fröhling W: Regulation of delta-aminolevulinic acid synthetase by drugs and steroids in isolated perfused rat liver. Enzyme 16:295-301, 1973
*ACETAMIDES, pharmacodynamics/ ALLYLISOPROPYLACETAMIDE, pharmacodynamics/ *AMINOLEVULINIC ACID SYNTHETASE, biosynthesis/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *DEXAMETHASONE, pharmacodynamics/ DRUG SYNERGISM/ ENZYME INDUCTION/ FASTING/ GLUCOSE, pharmacodynamics/ LIVER, drug effects/ *LIVER, enzymology/ MALE/ PERFUSION/ *PHENOBARBITAL, pharmacodynamics/ *PYRIDINES, pharmacodynamics/ RATS/ TIME FACTORS/ TYROSINE AMINOTRANSFERASE, metabolism
420. Boczkowski K: Biologiczne podstawy hermafrodytyzmu. Ginekol Pol 45:657-61, Jun 74 (Pol)
ANIMAL EXPERIMENTS/ BIRDS/ FEMALE/ FISHES/ FREEMARTINISM/ *HERMAPHRODITISM/ HUMAN/ MALE/ MAMMALS/ MATERNAL-FETAL EXCHANGE/ VERTEBRATES
421. Boddy K, East BW, King PC, et al: Total-body potassium and lean body mass in males with an abnormal sex chromosome complement. J Nucl Med 15:448-52, Jun 74
ADULT/ *BODY COMPOSITION/ BODY WATER, analysis/ *BODY WEIGHT/ HUMAN/ MALE/ MIDDLE AGE/ *POTASSIUM, analysis/ *SEX CHROMOSOME ABNORMALITIES/ WHOLE BODY COUNTERS
422. Bodiazina VI, Tumilovich LG, Kuznetsova MN, et al: Klassifikatsiya narusheniy polobogo razvitiya u devoshek. Aktual' Probl Klin Biochem 49:55-61, Jul 73 (Rus)
ADOLESCENCE/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PUBERTY, PRECOCIOUS, classification/ *SEX DIFFERENTIATION DISORDERS, classification
423. Boegman RJ: The isolation and partial characterization of membranes from dystrophic and normal muscle. Comp Biochem Physiol [A] 48:237-44, 1 Jun 74
ACETYLCHOLINESTERASE, metabolism/ *ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *CELL MEMBRANE, analysis/ CELL MEMBRANE, enzymology/ CHOLESTEROL, analysis/ CYTOCHROME OXIDASE, metabolism/ ELECTROPHORESIS, DISC/ MAGNESIUM, analysis/ MICE/ MUSCLE PROTEINS, analysis/ *MUSCLES, analysis/ MUSCLES, drug effects/ *MUSCLES, enzymology/ *MUSCULAR DYSTROPHY, enzymology/ MUSCULAR DYSTROPHY, metabolism/ NADH, NADPH OXIDOREDUCTASES, metabolism/ OUABAIN, pharmacodynamics/ PHOSPHATASES, metabolism/ PHOSPHOLIPIDS, analysis/ POTASSIUM, analysis/ SARCOPLASMIC RETICULUM, analysis/ SARCOPLASMIC RETICULUM, enzymology/ SODIUM, analysis
424. Boeke F: Skleritis. Dtsch Med Wochenschr 99:977, May 74 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ EYE DISEASES, drug therapy/ FEMALE/ HUMAN/ OXYPHENBUTAZONE, therapeutic use/ *RHEUMATISM, complications/ *SCLERA
425. Boer GJ: A microassay for arylamidase activity. Anal Biochem 59:410-5, Jun 74
*AMINO ACID NAPHTHYLAMIDASES, analysis/ ANIMAL EXPERIMENTS/ *CEREBRAL CORTEX, enzymology/ CYSTEINE, pharmacodynamics/ DITHIOTREITOL, pharmacodynamics/ ENZYME ACTIVATION/ EVALUATION STUDIES/ FREEZE DRYING/ HYDROGEN-ION CONCENTRATION/ HYDROXYMERCURIBENZOATES, pharmacodynamics/ MALE/ PHENYLALANINE/ *PITUITARY GLAND, POSTERIOR, enzymology/ SPECTROMETRY, FLUORESCENCE/ TEMPERATURE
426. Boeynaems JM, Pochet R, Dumont JE: Stimulation by thyrotropin of horse thyroid plasma membranes adenylate cyclase: evidence of cooperativity. Biochem Biophys Res Commun 58:446-53, 20 May 74
ACID PHOSPHATASE, analysis/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CYTOCHROME OXIDASE, analysis/ ENZYME ACTIVATION/ HORSES/ PHOSPHORUS RADIOISOTOPES/ RECEPTORS, HORMONE/ SUBCELLULAR FRACTIONS, enzymology/ THYROID GLAND, cytology/ THYROID GLAND, drug effects/ *THYROID GLAND, enzymology/ *THYROTROPIN, pharmacodynamics/ TRITIUM
427. Bogdanov M: Sravnitelni izledvania vurkhu testove za opredellane funkcionalnoto sustolanie na laichnitsite pri kravli. Vet Med Nauki 10:73-80, 1973 (Bul)
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EPINEPHRINE, diagnostic use/ *ESTRUS/ FEMALE/ FERTILITY/ INSEMINATION, ARTIFICIAL, veterinary/ *OVARY, physiology/ *OVULATION/ SKIN TESTS/ VAGINAL SMEARS, veterinary
428. Bogdanove EM, Campbell GT, Blair ED, et al: Gonad-pituitary feedback involves qualitative change: adrogens alter the type of FSH secreted by the rat pituitary. Endocrinology 95:219-28, Jul 74
ANIMAL EXPERIMENTS/ ESTRADIOL, pharmacodynamics/ FSH, blood/ *FSH, secretion/ HALF-LIFE/ HYPOPHYSECTOMY/ LH, blood/ MALE/ METABOLIC CLEARANCE RATE/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ RADIOIMMUNOASSAY/ *STANOLONE, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS
429. Bogden AE, Esber HJ, Taylor DJ, et al: Comparative study on the effects of surgery, chemotherapy, and immunotherapy, alone and in combination, on metastases of the 13762 mammary adenocarcinoma. Cancer Res 34:1627-31, Jul 74
ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, surgery/ *ADENOCARCINOMA, therapy/ ADJUVANTS, IMMUNOLOGIC/ *BCG VACCINATION/ COMPARATIVE STUDY/ ESTRADIOL, therapeutic use/ FEMALE/ KIDNEY NEOPLASMS, prevention & control/ LIVER NEOPLASMS, prevention & control/ LUNG NEOPLASMS, prevention & control/ MAMMARY NEOPLASMS, EXPERIMENTAL, drug therapy/ MAMMARY NEOPLASMS, EXPERIMENTAL, surgery/ *MAMMARY NEOPLASMS, EXPERIMENTAL, therapy/ MYCOBACTERIUM, immunology/ *NEOPLASM METASTASIS, prevention & control/ NEOPLASM RECURRENCE, LOCAL/ NEOPLASM TRANSPLANTATION/ NITROGEN MUSTARD COMPOUNDS, administration & dosage/ NITROGEN MUSTARD COMPOUNDS, therapeutic use/ PHENYLACETATES, therapeutic use/ REMISSION/ TRANSPLANTATION, HOMOLOGOUS/

AUTHOR SECTION

TUBERCULOSIS VACCINES, administration & dosage

430. Bognár I, Kiss S: Crainotabas-D-vitamin túladagolása mellett. Orv Hetil 115:1234-5, 26 May 74 (Hun) BONE DEVELOPMENT, drug effects/ CALCIFICATION, PHYSIOLOGIC, drug effects/ CHOLECALCIFEROL, administration & dosage/ *CHOLECALCIFEROL, adverse effects/ HUMAN/ HYPERCALCEMIA, chemically induced/ INFANT/ MALE/ *RICKETS, chemically induced/ RICKETS, prevention & control/ SKULL, drug effects
431. Bohle A, Fischbach H, Wehner H, et al: Minimal change lesion with nephrotic syndrome and focal glomerular sclerosis. (Variations of minimal proliferative intercapillary glomerulonephritis with the nephrotic syndrome). Clin Nephrol 2:52-8, 1974 ADOLESCENCE/ ADULT/ AGED/ CAPILLARIES, pathology/ CELL COUNT/ CHILD/ CHILD, PRESCHOOL/ ENDOTHELIUM, pathology/ EPITHELIAL CELLS/ FEMALE/ GLOMERULONEPHRITIS, drug therapy/ *GLOMERULONEPHRITIS, pathology/ HEMATURIA, etiology/ HUMAN/ HYPERTENSION, etiology/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INDOMETHACIN, therapeutic use/ INFANT/ INFANT, NEWBORN/ KIDNEY CORTEX, pathology/ KIDNEY GLOMERULUS, pathology/ *KIDNEY GLOMERULUS, pathology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ NEPHROTIC SYNDROME, drug therapy/ NEPHROTIC SYNDROME, etiology/ *NEPHROTIC SYNDROME, pathology/ STEROIDS, therapeutic use/ TIME FACTORS
432. Böhme B: Derzeitige Auffassungen über die Pathogenese der Mukoviszidose. Z Aerzt Fortbild (Jena) 68:209-11, 15 Feb 74 (Ger) CALCIUM, metabolism/ CELL MEMBRANE PERMEABILITY/ CHLORIDES, metabolism/ CYSTIC FIBROSIS, etiology/ CYSTIC FIBROSIS, familial & genetic/ CYSTIC FIBROSIS, immunology/ CYSTIC FIBROSIS, metabolism/ *CYSTIC FIBROSIS, physiotherapy/ HETEROZYGOSE/ HOMOZYGOSE/ HUMAN/ IMMUNOGLOBULIN FRAGMENTS/ METHIONINE, metabolism/ SALIVARY GLANDS, metabolism/ SODIUM, metabolism
433. Bohrer SP: Teeth in a dermoid tumor. Oral Surg 32:162-3, Jul 74 FEMALE/ HUMAN/ OVARIAN CYSTS, surgery/ *PELVIC BONES, radiography/ *TOOTH ABNORMALITIES, radiography
434. Bolme I, Boguslawski S: The synthesis of human placental lactogen by ribosomes derived from human placenta. Proc Natl Acad Sci USA 71:1322-5, Apr 74 AUTORADIOGRAPHY/ CARCINOMA, KREBS 2, metabolism/ CELL FRACTIONATION/ CELL-FREE SYSTEM/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ GESTATIONAL AGE/ HUMAN/ METHIONINE, metabolism/ PLACENTA, cytology/ *PLACENTA, metabolism/ PLACENTAL LACTOGEN, analysis/ *PLACENTAL LACTOGEN, biosynthesis/ PREGNANCY/ *RIBOSOMES, metabolism/ RNA, MESSENGER/ SODIUM DODECYL SULFATE/ SULFUR RADIOISOTOPES/ TIME FACTORS
435. Bolger M: Traitement curatif de la maladie de Dühring-Brocq par la vaccination BCG (seconde partie). Sem Hop Paris 49:3497-507, 20 Dec 73 (Fre) ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ *BCG VACCINATION/ BIOPSY/ DERMATITIS HERPETIFORMIS, complications/ DERMATITIS HERPETIFORMIS, drug therapy/ DERMATITIS HERPETIFORMIS, pathology/ *DERMATITIS HERPETIFORMIS, therapy/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ PEMPHIGUS, therapy/ SKIN, pathology
- STATISTICS/ TUBERCULIN TEST/ TUBERCULOSIS, PULMONARY, immunology/ *TUBERCULOSIS VACCINES, therapeutic use
436. Bolger M: [Curative treatment of Dühring-Brocq disease by BCG vaccine] Sem Hop Paris 49:3357-65 cont'd, 8 Dec 73 (Pol) ADRENAL GLAND HYPERFUNCTION, etiology/ *BCG VACCINATION/ DERMATITIS HERPETIFORMIS, complications/ DERMATITIS HERPETIFORMIS, diagnosis/ *DERMATITIS HERPETIFORMIS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ NEUROSES, ANXIETY, etiology/ RECURRENCE/ TUBERCULIN TEST/ *TUBERCULOSIS, PULMONARY, complications/ *TUBERCULOSIS VACCINES, therapeutic use
437. Boloczek S: Statyw do kaset rentgenowskich dla wykonywania przyłokowych i ródopera cyjnych zdjęć kostnych. Chir Narządów Ruchu Ortop Pol 39:245-7, 1974 (Pol) *BONE AND BONES, radiography/ BONE AND BONES, surgery/ ENGLISH ABSTRACT/ HUMAN/ *ORTHOPEDICS/ *RADIOGRAPHY, instrumentation
438. Bolt HM, Kappus H, Bolt M: Letter: Rifampicin and oral contraception. Lancet 1:1230-1, 22 Jun 74 BIOTRANSFORMATION, drug effects/ CONTRACEPTIVES, ORAL, metabolism/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DRUG ANTAGONISM/ ETHINYL ESTRADIOL, metabolism/ *ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ LIVER, metabolism/ *RIFAMPIN, pharmacodynamics/ RIFAMPIN, therapeutic use
439. Bolte E, Jaffe RB: Mesures de la FSH et de la LH plasmatiques chez la femme stérile traitée avec des gonadotrophines humaines. Union Med Can 103:653-6, Apr 74 (Fre) AMENORRHEA, blood/ AMENORRHEA, drug therapy/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ *FSH, blood/ GONADOTROPINS, CHORIONIC, blood/ *GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ *LH, blood/ MENOTROPINS, pharmacodynamics/ *MENOTROPINS, therapeutic use/ OVULATION, drug effects/ RADIOIMMUNOASSAY/ *STERILITY, FEMALE, blood/ STERILITY, FEMALE, drug therapy/ TIME FACTORS
440. Bolte HD, Lüderitz B: Aldosteronismus bei kardiopulmonalen Erkrankungen. Z Allgemeinmed 50:583-5, 30 Apr 74 (Ger) ALDOSTERONE, blood/ EDEMA, physiotherapy/ HUMAN/ *HYPERALDOSTERONISM, complications/ METABOLIC CLEARANCE RATE/ *PULMONARY HEART DISEASE, complications/ PULMONARY HEART DISEASE, drug therapy/ SPIRONOLACTONE, therapeutic use
441. Bolton N, Chadwick A, Scanes CG: Proceedings: Fractionation and assay of chicken prolactin. J Physiol (Lond) 238:1P-2P, Apr 74 ANIMAL EXPERIMENTS/ *CHICKENS/ DENSITOMETRY/ ELECTROPHORESIS/ GEL FILTRATION/ PITUITARY GLAND, analysis/ *PROLACTIN, isolation & purification
442. Bolton N, Chadwick A, Scanes CG: Proceedings: The effect of thyrotrophin releasing factor on the secretion of thyroid stimulating hormone and prolactin from the chicken anterior pituitary gland. J Physiol (Lond) 238:78P-79P, Apr 74 ANIMAL EXPERIMENTS/ CHICKENS/ IN VITRO/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ PROLACTIN, secretion/ *THYROTROPIN, secretion/ *THYROTROPIN RELEASING HORMONE, pharmacodynamics
443. Bona C, Damais C, Chedid L: Blastic transformation of mouse spleen lymphocytes by a water-soluble

AUTHOR SECTION

- mitogen extracted from *Nocardia*.
Proc Natl Acad Sci USA 71:1602-6, May 74
ANIMAL EXPERIMENTS/ CELLS,
CULTURED/ COMPARATIVE STUDY/
CORTISONE/ DRUG RESISTANCE/
LIPOPOLYSACCHARIDES, pharmacodynamics/
LIPOPOLYSACCHARIDES, toxicity/
*LYMPHOCYTE TRANSFORMATION/
*LYMPHOCYTES, drug effects/
LYMPHOCYTES, metabolism/ MICE, INBRED
AKR/ MICE, INBRED STRAINS/
MICROSCOPY, ELECTRON/ *MITOGENS/
MITOGENS, isolation & purification/
MITOGENS, pharmacodynamics/ MITOGENS,
toxicity/ *NOCARDIA, analysis/ PLANT
AGGLUTININS, pharmacodynamics/
SOLUTIONS/ SPLEEN/ THYMIDINE,
metabolism/ THYMUS GLAND/ TRITIUM/
TUBERCULIN, pharmacodynamics/ WATER
444. Bonanni F, De Luca L: Vitamin A-dependent
fucose-glycopeptide from rat tracheal epithelium.
Biochim Biophys Acta 343:632-7, 24 May 74
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ CARTILAGE/
CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, ION EXCHANGE/
EPITHELIUM, drug effects/ EPITHELIUM,
metabolism/ FUCOSE, analysis/ GALACTOSE,
analysis/ GEL FILTRATION/ GLUCOSAMINE/
*GLYCOPEPTIDES, biosynthesis/
HEXOSAMINES, analysis/ HYALURONIDASE/
MALE/ NEURAMINIC ACIDS, analysis/
SULFUR RADIOISOTOPES/ TESTIS,
enzymology/ TRACHEA, drug effects/
*TRACHEA, metabolism/ TRITIUM/ *VITAMIN
A, pharmacodynamics/ *VITAMIN A
DEFICIENCY, metabolism
445. Bonard EC: Pseudo-syndrome de Bartter.
Praxis 63:739-43, 18 Jun 74 (Fre)
ENGLISH ABSTRACT/ FEMALE/ HEADACHE,
diagnosis/ HUMAN/ *HYPERALDOSTERONISM,
diagnosis/ HYPOKALEMIA, diagnosis/
HYPOTENSION, ORTHOSTATIC, diagnosis/
*JUXTAGLOMERULAR APPARATUS/ KIDNEY
DISEASES, diagnosis/ NAUSEA, diagnosis/
SYNDROME/ VOMITING, diagnosis
446. Boncinelli E, Graziani F, Polito L, et al: rDNA
magnification at the bobbed locus of the Y
chromosome in *Drosophila melanogaster*.
Cell Differ 1:133-42, Jun 72
ANIMAL EXPERIMENTS/ CHROMOSOME
MAPPING/ *DNA/ *DROSOPHILA
MELANOGASTER/ FEMALE/ GENES/
GENITALIA, MALE, analysis/ MALE/
NUCLEIC ACID HYBRIDIZATION/
PHENOTYPE/ RNA, RIBOSOMAL, analysis/
RNA, RIBOSOMAL, biosynthesis/ *SEX
CHROMOSOMES
447. Bond PA, Howlett DR: Measurement of the two
conjugates of 3-methoxy-4-hydroxyphenylglycol in
urine. Biochem Med 10:219-28, Jul 74
ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, GAS/ COMPARATIVE
STUDY/ ESCHERICHIA COLI, enzymology/
EVALUATION STUDIES/ *GLUCURONATES,
urine/ GLUCURONIDASE/ *GLYCOLS, urine/
HUMAN/ LIVER, enzymology/ METHODS/
METHOXYHYDROXYPHENYL GLYCOL, urine/
PHEOCHROMOCYTOMA, urine/ SNAILS,
enzymology/ STRESS, PSYCHOLOGICAL,
urine/ SULFATASES/ *SULFURIC ACIDS,
urine/ TIME FACTORS
448. Bonfield W, Datta PK: Young's modulus of compact
bone. J Biomech 7:147-9, Mar 74
ANIMAL EXPERIMENTS/ *BONE AND
BONES, physiology/ ELASTICITY/ *STRESS,
MECHANICAL/ TIBIA, physiology
449. Bonta IL, Noordhoek J: Inflamed-tissue factor(s): an
autoregulatory mechanism of some acute
inflammatory responses.
Experientia 30:419-22, 15 Apr 74
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
CARRAGEENAN/ COMPARATIVE STUDY/
*COMPLEMENT, analysis/ INFLAMMATION,
chemically induced/ *INFLAMMATION,
immunology/ KAOLIN
450. Boonj-Noord H, Vries K de, Sluiter HJ, et al: Late
bronchial obstructive reaction to experimental
inhalation of house dust extract.
Clin Allergy 2:43-61, Mar 72
ADOLESCENCE/ ADULT/ ANTIHISTAMINICS,
therapeutic use/ BENZYL COMPOUNDS,
therapeutic use/ BODY TEMPERATURE/
BRONCHIAL DISEASES, drug therapy/
*BRONCHIAL DISEASES, immunology/
BRONCHIAL DISEASES, radiography/
DISODIUM CROMOGLYCATE, therapeutic use/
*DUST/ EOSINOPHILS, cytology/
ETHYLENEDIAMINES, therapeutic use/
FEMALE/ HUMAN/ HYPERSENSITIVITY,
DELAYED, drug therapy/
*HYPERSENSITIVITY, DELAYED,
immunology/ HYPERSENSITIVITY, DELAYED,
radiography/ LEUKOCYTE COUNT/ LUNG
DISEASES, OBSTRUCTIVE, drug therapy/
LUNG DISEASES, OBSTRUCTIVE,
immunology/ LUNG DISEASES,
OBSTRUCTIVE, radiography/ MALE/ MITES,
immunology/ ORCIPRENALINE, therapeutic
use/ OXYGEN, blood/ PREDNISOLONE,
therapeutic use/ PULMONARY ALVEOLI,
immunology/ PYRIDINES, therapeutic use/
RESPIRATORY HYPERSENSITIVITY,
immunology/ SKIN TESTS/ SPIROMETRY
451. Book SA, Wolf HG, Parker HR, et al: The exchange of
radioiodine in pregnant and fetal sheep.
Health Phys 26:533-9, Jun 74
AMNIOTIC FLUID, analysis/ ANIMAL
EXPERIMENTS/ FEMALE/ IODINE, blood/
IODINE RADIOISOTOPES, administration &
dosage/ *IODINE RADIOISOTOPES, analysis/
*MATERNAL-FETAL EXCHANGE/ SHEEP/
THYROID GLAND, analysis/ THYROID
GLAND, embryology
452. Boonayathap U, Marotta SF: Renal handling of cortisol
in dogs. II. Effect of ACTH on stop flow pattern.
Horm Metab Res 6:154-7, Mar 74
AMINOHIPURIC ACID, metabolism/ ANIMAL
EXPERIMENTS/ CATHETERIZATION/
*CORTICOTROPIN, pharmacodynamics/ DOGS/
GLUCURONATES/ HYDROCORTISONE, blood/
*HYDROCORTISONE, metabolism/
HYDROCORTISONE, urine/ INULIN,
metabolism/ KIDNEY, drug effects/ *KIDNEY,
metabolism/ KIDNEY TUBULES, DISTAL,
drug effects/ KIDNEY TUBULES, DISTAL,
metabolism/ KIDNEY TUBULES, PROXIMAL,
drug effects/ KIDNEY TUBULES, PROXIMAL,
metabolism/ MALE
453. Boots LR, Younger JB, Beck LR, et al: Endocrine
laboratory assays in obstetrics and gynecology.
AIA J Med Sci 10:445-52, Oct 73
ESTROGENS, blood/ ESTROGENS, urine/
FEMALE/ FSH, blood/ GONADOTROPINS,
CHORIONIC, blood/ *GYNECOLOGIC
DISEASES, diagnosis/ *GYNECOLOGIC
NEOPLASMS, diagnosis/ *HORMONES, blood/
HUMAN/ LH, blood/ PREGNANCY/
*PREGNANCY COMPLICATIONS, diagnosis/
PROGESTERONE, blood/
RADIOIMMUNOASSAY/ *TROPHOBLASTIC
TUMOR, diagnosis
454. Borbély AA, Baumann IR, Waser PG: Amphetamine
and thermoregulation: studies in the unrestrained
and curarized rat.
Naunyn Schmiedeberg Arch Pharmacol 281:327-40, 26
Feb 74
ADRENERGIC ALPHA RECEPTOR
BLOCKADERS, pharmacodynamics/ ALLYL
COMPOUNDS, pharmacodynamics/
*AMPHETAMINE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ *BODY TEMPERATURE
REGULATION, drug effects/ *CURARE,
pharmacodynamics/ DIBENZAZEPINES,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ DRINKING/ EATING/
HYPOPHYSECTOMY/ MALE/ MOTOR
ACTIVITY, drug effects/ PITUITARY GLAND,
physiology/ PROPRANOLOL,

AUTHOR SECTION

pharmacodynamics/ RATS/ RECEPTORS,
ADRENERGIC/ SPINAL CORD, physiology/
TOXIFERINE, pharmacodynamics

455. Bordier P, Rasmussen H, Dorfmann H: Effectiveness of parathyroid hormone, calcitonin and phosphate on bone cells in Paget's disease.
Am J Med 56:850-7, Jun 74
ADENOMA, complications/ ADENOMA, surgery/ AGED/ BONE RESORPTION/ *CALCITONIN, therapeutic use/ CELL COUNT/ HUMAN/ HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, drug therapy/ MALE/ MIDDLE AGE/ OSTEITIS DEFORMANS, complications/ *OSTEITIS DEFORMANS, drug therapy/ OSTEITIS DEFORMANS, pathology/ OSTEOLASTS/ *PARATHYROID HORMONE, therapeutic use/ PARATHYROID NEOPLASMS, complications/ PARATHYROID NEOPLASMS, surgery/ *PHOSPHATES, therapeutic use
456. Bordshadse VK, Zarubina NA, Glukman EV, et al: Sravnitel'nye klinicheskie i tsitogeneticheskie issledovaniya pri dvukh formakh muzhskogo gipergonadotropnogo gipogonadizma (sindrom Klinefeltera i dvustoronn'yi kriptorkhizm).
Probl Endokrinol (Mosk) 20:31-7, Mar-Apr 74 (Rus)
ADULT/ COMPARATIVE STUDY/ *CRYPTORCHISM, diagnosis/ CRYPTORCHISM, familial & genetic/ CRYPTORCHISM, metabolism/ ENGLISH ABSTRACT/ HUMAN/ *KLINEFELTER'S SYNDROME, diagnosis/ KLINEFELTER'S SYNDROME, familial & genetic/ KLINEFELTER'S SYNDROME, metabolism/ MALE/ SEX CHROMOSOME ABNORMALITIES, diagnosis
457. Borgaonkar DS, Bias WB, Sroka BM, et al: Identification of graft and host cells in bone marrow transplants by the quinacrine banding technique of chromosome identification.
Acta Cytol (Baltimore) 18:263-7, May-Jun 74
*BONE MARROW CELLS, transplantation/ CELL COUNT/ *CHROMOSOMES, analysis/ FEMALE/ HISTOCOMPATIBILITY TESTING/ HUMAN/ LEUKEMIA, MYELOBLASTIC, familial & genetic/ *LEUKEMIA, MYELOBLASTIC, therapy/ MALE/ POLYMORPHISM (GENETICS)/ QUINACRINE/ SEX CHROMOSOMES, analysis/ STAINS AND STAINING/ TRANSPLANTATION, HOMOLOGOUS
458. Boris A, DeMartino L, Cox DC: Further studies on the antitesticular activity of a pipecolinomethylhydroxyindane.
J Reprod Fertil 38:395-400, Jun 74
ANIMAL EXPERIMENTS/ GONADOTROPINS, pharmacodynamics/ HYPOPHYSECTOMY/ MACACA/ MALE/ *MALEATES, pharmacodynamics/ METHIONINE, pharmacodynamics/ ORGAN WEIGHT/ *PIPECOLIC ACIDS, pharmacodynamics/ SEMINAL VESICLES, drug effects/ *TESTIS, drug effects/ TESTOSTERONE, pharmacodynamics/ VITAMIN E, pharmacodynamics
459. Boris A, Ng C, Hurley JF: Antitesticular and antifertility activity of a pipecolinomethylhydroxyindane in rats.
J Reprod Fertil 38:387-94, Jun 74
ACETAMIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHLORINE, pharmacodynamics/ COMPARATIVE STUDY/ DIETHYLSTILBESTROL, pharmacodynamics/ ESTRUS/ FEMALE/ *FERTILITY, drug effects/ *INDENES, pharmacodynamics/ MALE/ MALEATES, pharmacodynamics/ NITROFURAZONE, pharmacodynamics/ ORGAN WEIGHT/ *PIPECOLIC ACIDS, pharmacodynamics/ PROSTATE, drug effects/ SEMINAL VESICLES, drug effects/ SPERMATOGENESIS, drug effects/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TESTIS, drug effects
460. Borisenko KK, Glosman VN: Opyt primeneniya suspenzii tsink-kortikotropina v terapii nekotorykh dermatozov.
Vestn Dermatol Venerol 48:78-80, May 74 (Rus)
CHRONIC DISEASE/ *CORTICOTROPIN, therapeutic use/ ECZEMA, drug therapy/ ERYTHEMA MULTIFORME, drug therapy/ FEMALE/ HUMAN/ LUPUS ERYTHEMATOSUS, DISCOID, drug therapy/ MALE/ NEURODERMATITIS, drug therapy/ PSORIASIS, drug therapy/ *SKIN DISEASES, drug therapy/ SUSPENSIONS/ *ZINC, therapeutic use
461. Borle AB: Cyclic AMP stimulation of calcium efflux from kidney, liver and heart mitochondria.
J Membr Biol 16:221-36, 1974
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ INOSINE NUCLEOTIDES, pharmacodynamics/ KIDNEY, cytology/ *KIDNEY, metabolism/ KINETICS/ MATHEMATICS/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, metabolism/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ MITOCHONDRIA, MUSCLE, drug effects/ *MITOCHONDRIA, MUSCLE, metabolism/ MYOCARDIUM/ NUCLEOTIDES, CYCLIC, pharmacodynamics/ ORGAN SPECIFICITY/ PHOSPHATES, pharmacodynamics/ SPECTROMETRY, FLUORESCENCE/ TIME FACTORS
462. Borle AB: Kinetic studies of calcium movements in intestinal cells: effects of vitamin D deficiency and treatment.
J Membr Biol 16:207-20, 1974
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ CHICKENS/ COMPARATIVE STUDY/ CYTOPLASM, metabolism/ DUODENUM, cytology/ DUODENUM, drug effects/ *DUODENUM, metabolism/ DUODENUM, pathology/ KIDNEY, drug effects/ KIDNEY, metabolism/ KINETICS/ MALE/ MITOCHONDRIA, metabolism/ ORGAN SPECIFICITY/ TIME FACTORS/ ULTRASONICS/ *VITAMIN D, pharmacodynamics/ *VITAMIN D DEFICIENCY, metabolism
463. Borodin AD: Vliyanie tireoidektomii na razvitie kompensatornoi gipertrofii nadpocheknikov.
Patol Fiziol Eksp Ter 14:37-41, Sep-Oct 74 (Rus)
*ADAPTATION, PHYSIOLOGICAL/ *ADRENAL GLAND HYPERFUNCTION, physiopathology/ ADRENAL GLANDS, physiopathology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HYPERTROPHY, physiopathology/ RATS/ *THYROID GLAND, physiology/ THYROIDECTOMY/ TIME FACTORS
464. Borts WM: The pathogenesis of hypercholesterolemia.
Ann Intern Med 80:738-46, Jun 74 (144 ref.)
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANXIETY/ BODY WEIGHT/ CHOLESTEROL, biosynthesis/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ DIABETES MELLITUS, complications/ DIET/ DIETARY FATS, adverse effects/ DOGS/ EXERTION/ FATTY ACIDS, UNSATURATED, metabolism/ GENES, DOMINANT/ HUMAN/ *HYPERCHOLESTEREMIA, etiology/ HYPERCHOLESTEREMIA, familial & genetic/ HYPOTHYROIDISM, complications/ LIVER, metabolism/ RATS/ REVIEW/ SEASONS/ SEX FACTORS/ SMOKING, complications/ STARVATION/ URIC ACID, blood
465. Borzęcki Z: Rola endogennych amin katecholowych i indolowych w procesach warunkujących zachowanie się płciowe białych szczurów.
Pol Tyg Lek 29:631-2, 15 Apr 74 (Pol)
AGE FACTORS/ ANIMAL EXPERIMENTS/ BRAIN, metabolism/ CASTRATION/ CATECHOLAMINES, metabolism/

AUTHOR SECTION

- *CATECHOLAMINES, physiology/
DIETHYLSTILBESTROL, pharmacodynamics/
DRUG SYNERGISM/ FEMALE/ MALE/
PROGESTERONE, pharmacodynamics/ RATS/
*SEX BEHAVIOR, ANIMAL/ SEX BEHAVIOR,
ANIMAL, drug effects/ SEX FACTORS/ SEX
HORMONES, pharmacodynamics
466. Bos CJ, Emmelot P: Studies on plasma membranes.
XXI. Inhibition of liver plasma membrane enzymes by
tumour-promoting phorbol ester, mitotic inhibitors
and cytochalasin B.
Chem Biol Interact 8:349-61, May 74
ADENOSINE TRIPHOSPHATASE, metabolism/
ADENYL CYCLASE, metabolism/ ALCOHOLS,
pharmacodynamics/ ANIMAL EXPERIMENTS/
*CARCINOGENS, pharmacodynamics/ CELL
MEMBRANE, drug effects/ CELL MEMBRANE,
enzymology/ *COLCHICINE, pharmacodynamics/
*CYTOCHALASIN B, pharmacodynamics/
DIMETHYL SULFOXIDE, pharmacodynamics/
*DITERPENES, pharmacodynamics/ FEMALE/
FLUORIDES, pharmacodynamics/ *GLUCAGON,
pharmacodynamics/ LIVER, cytology/ LIVER,
drug effects/ *LIVER, enzymology/ MALE/
MAMMAE, drug effects/ MAMMAE,
enzymology/ *MITOSIS, drug effects/
PHOSPHODIESTERASES, metabolism/ TIME
FACTORS/ *VINBLASTINE, pharmacodynamics
467. Bosch AM, Hollander FC den, Woods GF: Specificities
of antisera against testosterone linked to albumin at
different positions (C3, C11, C17).
Steroids 23:699-711, May 74
ALUMINUM/ BINDING SITES/
CHROMATOGRAPHY/ CROSS REACTIONS/
GAMMA GLOBULIN/ GLUCURONIDASE/
*IMMUNE SERUMS/ OPTICAL ROTATION/
OXIMES/ PROTEIN BINDING/ RABBITS,
immunology/ RADIOIMMUNOASSAY/ SERUM
ALBUMIN, BOVINE/ SHEEP, immunology/
SPECTROPHOTOMETRY, ULTRAVIOLET/
STRUCTURE-ACTIVITY RELATIONSHIP/
SUCCINATES/ *TESTOSTERONE/ TRITIUM
468. Boschma F, Baak JP: Morfometrie van het
endometrium.
Ned Tijdschr Geneesk 118:894, 8 Jun 74 (Dut)
ENDOMETRIUM, anatomy & histology/
*ENDOMETRIUM, drug effects/
ENDOMETRIUM, physiology/ FEMALE/
HUMAN/ *PROGESTERONE,
pharmacodynamics/ PROTEIN BINDING
469. Bose SK, Zlotnick BJ: Growth and density-dependent
inhibition of deoxyglucose transport in Balb 3T3 cells
and its absence in cells transformed by murine
sarcoma virus.
Proc Natl Acad Sci USA 70:2374-8, Aug 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ BUTYRATES/ CELL
DIVISION/ CELL LINE/ *CELL
TRANSFORMATION, NEOPLASTIC/
*GLUCOSE, metabolism/ KINETICS/ *MOUSE
TUMOR VIRUSES/ TEMPERATURE/
THEOPHYLLINE, pharmacodynamics/ TRITIUM
470. Bosu WT, Edqvist LE, Gustafsson B: Peripheral plasma
levels of estrone and progesterone in pregnant pigs
treated with dexamethasone.
Acta Vet Scand 15:111-9, 1974
ANIMAL EXPERIMENTS/ DEXAMETHASONE,
administration & dosage/ *DEXAMETHASONE,
pharmacodynamics/ *ESTRONE, blood/
FEMALE/ INJECTIONS, INTRAMUSCULAR/
LABOR, drug effects/ *PREGNANCY,
ANIMAL, drug effects/ *PROGESTERONE,
blood/ RADIOIMMUNOASSAY/ SWINE/ TIME
FACTORS
471. Bösze P, László J: Az elsődleges petefészek
elégtelenség klinikai felosztásáról.
Orv Hetil 115:70-3, 13 Jan 74 (Hun)
CHROMOSOME ABNORMALITIES,
classification/ FEMALE/ HUMAN/
*HYPOGONADISM, classification/ *OVARIAN
DISEASES, classification/ OVARY,
abnormalities/ OVARY, secretion/
SECRETORY RATE/ SEX HORMONES,
secretion
472. Böttger G: Aktuelle Probleme der
Kortikosteroidtherapie.
Z Aerzt Fortbild (Jena) 68:166-73, 15 Feb 74 (Ger)
ARTHRITIS, JUVENILE RHEUMATOID, drug
therapy/ ARTHRITIS, RHEUMATOID, drug
therapy/ ASTHMA, drug therapy/
BRONCHITIS, drug therapy/ COLITIS,
ULCERATIVE, drug therapy/ CUSHING'S
SYNDROME, chemically induced/
GLUCOCORTICOIDS, administration & dosage/
GLUCOCORTICOIDS, adverse effects/
*GLUCOCORTICOIDS, therapeutic use/ HAY
FEVER, drug therapy/ HUMAN/ NEPHROTIC
SYNDROME, drug therapy/ POLYMYALGIA
RHEUMATICA, drug therapy/ SARCOIDOSIS,
drug therapy
473. Bouillé C, Herbuté S, Baylé JD: Modulatory influences
of central nervous structures on
pituitary-adrenocortical activity: effect of chronic
deafferentation of the hypothalamus in the pigeon.
J Physiol (Paris) 66:437-48, 1973
ANIMAL EXPERIMENTS/ AUTOPSY/
CORTICOSTERONE, blood/ ENVIRONMENT,
CONTROLLED/ ETHERS/ FLUOROMETRY/
HIPPOCAMPUS, injuries/ *HYPOTHALAMUS,
physiology/ *HYPOTHALAMUS, surgery/
LIMBIC SYSTEM/ NEURONS, AFFERENT/
*PIGEONS/ *PITUITARY-ADRENAL SYSTEM/
REST/ STRESS
474. Bouillon R, De Moor P, Nagant de Deuxchaines C:
Letter: Pheochromocytoma and
hyperparathyroidism. Ann Intern Med 81:131, Jul 74
ANIMAL EXPERIMENTS/ CALCIUM, blood/
EDTA, diagnostic use/ EPINEPHRINE, urine/
HUMAN/ *HYPERPARATHYROIDISM,
etiology/ NOREPINEPHRINE, urine/
PARATHYROID HORMONE, blood/
PARATHYROID HORMONE, secretion/
*PHEOCHROMOCYTOMA, complications/
PHOSPHATES, blood
475. Bouillon R, De Moor P: Parathyroid function in patients
with hyper- or hypothyroidism.
J Clin Endocrinol Metab 38:999-1004, Jun 74
ADULT/ AGED/ *CALCIUM, blood/ EDTA,
diagnostic use/ FEMALE/ HUMAN/
*HYPERTHYROIDISM, blood/
HYPERTHYROIDISM, physiopathology/
*HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, physiopathology/ IODINE
RADIOISOTOPES/ MALE/ MIDDLE AGE/
PARATHYROID GLANDS, physiopathology/
*PARATHYROID HORMONE, blood/
*PHOSPHORUS, blood/ RADIOIMMUNOASSAY
476. Boulton AA, Baker GB: The subcellular distribution of
some monoamines following their intraventricular
injection into the rat. Can J Biochem 52:288-93, Apr 74
ACETYLCHOLINESTERASE, metabolism/
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ BRAIN, cytology/ *BRAIN,
metabolism/ CARBON RADIOISOTOPES/
*CATECHOLAMINES, metabolism/ CELL
FRACTIONATION/ CELL NUCLEUS,
metabolism/ CYTOSOL, metabolism/
DOPAMINE, metabolism/ MALE/
MICROSOMES, metabolism/ MITOCHONDRIA,
metabolism/ MONOAMINE OXIDASE,
metabolism/ MYELIN SHEATH, metabolism/
NOREPINEPHRINE, metabolism/
NORSYNEPHRINE, metabolism/
PHENETHYLAMINES, metabolism/ RATS/
SEROTONIN, metabolism/ SYNAPTOSOMES,
metabolism/ TRYPTAMINES, metabolism/
TYRAMINE, metabolism
477. Bourne AR: A convenient system for the separation of
some steroids on Sephadex LH-20.
J Chromatogr 92:465-6, 22 May 74
*ALDOSTERONE, analysis/ ANIMAL
EXPERIMENTS/ CHROMATOGRAPHY, ION
EXCHANGE/ *CORTICOSTERONE, analysis/
ION EXCHANGE RESINS/
RADIOIMMUNOASSAY/ SOLVENTS
478. Boussina I, Kuzmanovic I, Esselinckx W, et al:
Résultats thérapeutiques de la synoviorrhée à l'acide
osmique.

AUTHOR SECTION

Schweiz Med Wochenschr 104:693-6, 11 May 74 (Fre)
CHRONIC DISEASE/ ENGLISH ABSTRACT/
FOLLOW-UP STUDIES/ HUMAN/
INJECTIONS, INTRA-ARTICULAR/
LIDOCAINE, administration & dosage/
LIDOCAINE, therapeutic use/ METHODS/
OSMIUM, administration & dosage/ *OSMIUM,
therapeutic use/ PREDNISOLONE,
administration & dosage/ PREDNISOLONE,
therapeutic use/ RECURRENCE/ *SYNOVIAL
MEMBRANE, drug effects/ *SYNOVITIS, drug
therapy/ *SYNOVITIS, therapy

479. Bontet M, Lagacé R, Delage C: Les lésions du coeur
droit dans le syndrome carcinofidien. Etude
histochimique et ultrastructurale.

Union Med Can 103:844-9, May 74 (Fre)

AUTOPSY/ BRADYKININ, metabolism/
CHROMATIN/ CYTOPLASM/ ENDOPLASMIC
RETICULUM/ ENGLISH ABSTRACT/
FEMALE/ FIBROBLASTS/ GOLGI
APPARATUS/ *HEART NEOPLASMS,
pathology/ HISTAMINE, metabolism/ HUMAN/
MALIGNANT CARCINOID SYNDROME,
metabolism/ *MALIGNANT CARCINOID
SYNDROME, pathology/ MICROSCOPY,
ELECTRON/ SEROTONIN, metabolism/
STAINS AND STAINING

480. Bouvenot G, Lodovici F, Delboy C: Androgènes,
corticoides et éthyropoïèse.

Cah Med 14:1017-23, 30 Nov 73 (Fre)

*ADRENAL CORTEX HORMONES,
pharmacodynamics/ ADRENAL CORTEX
HORMONES, therapeutic use/ *ANDROGENS,
pharmacodynamics/ ANDROGENS, therapeutic
use/ ANIMAL EXPERIMENTS/ BONE
MARROW CELLS, drug effects/
*ERYTHROPOIESIS, drug effects/
TESTOSTERONE, pharmacodynamics

481. Bowallius M, Larsson A, Sköldbörn H, et al: Brain
scanning and conventional neuroradiologic methods
in intracranial tumours. Scanning with 99Tcm and a
gamma camera.

Acta Radiol [Diagn] (Stockh) 13:634-42, 1972

ADENOMA, diagnosis/ BRAIN DISEASES,
diagnosis/ BRAIN DISEASES, radiography/
*BRAIN NEOPLASMS, diagnosis/ BRAIN
NEOPLASMS, radiography/ CAROTID
ARTERY, INTERNAL, radiography/
*CEREBRAL ANGIOGRAPHY/ COMPARATIVE
STUDY/ CRANIOPHARYNGIOMA, diagnosis/
CYSTS, diagnosis/ DIAGNOSIS,
DIFFERENTIAL/ GLIOBLASTOMA
MULTIFORME, diagnosis/ GLIOMA, diagnosis/
HUMAN/ MENINGIOMA, diagnosis/
NEOPLASM METASTASIS/ NEOPLASMS,
MULTIPLE PRIMARY/ PITUITARY
NEOPLASMS, diagnosis/
*PNEUMOENCEPHALOGRAPHY/
*RADIOISOTOPE SCANNING/ *TECHNETIUM,
diagnostic use/ TIME FACTORS

482. Bowden AN: Anticonvulsants and calcium metabolism.
Dev Med Child Neurol 16:214-6, Apr 74

*ANTICONVULSANTS, adverse effects/
*CALCIUM, metabolism/ HUMAN/
*METABOLIC DISEASES, chemically induced

483. Bower RH, Sode J, Lipshutz W: Letter: Cyclic GMP and
gastric acid secretion. Am J Dig Dis 19:582, Jun 74

GASTRIC JUICE, drug effects/ *GASTRIC
JUICE, secretion/ *GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, biosynthesis/ HUMAN/
PENTAGASTRIN, administration & dosage/
STIMULATION, CHEMICAL

484. Bowers E: Letter: Biochemical basis of malignant
hyperpyrexia. Br Med J 2:614, 15 Jun 74

CALCITONIN, metabolism/ CALCIUM,
metabolism/ HUMAN/ *MALIGNANT
HYPERTHERMIA, metabolism

485. Bowie EP, Williams MG, Rennels EG: Evidence for PAS
positive reaction of the corticotroph granules of the
rat adenohypophysis. Histochemie 38:281-4, 6 Mar 74

ANIMAL EXPERIMENTS/
ANTIGEN-ANTIBODY REACTIONS/
*CORTICOTROPIN, secretion/

HISTOCYTOCHEMISTRY/ MALE/
MICROSCOPY, ELECTRON/ PITUITARY
GLAND, anatomy & histology/ PITUITARY
GLAND, cytology/ *PITUITARY GLAND,
secretion/ STAINS AND STAINING

486. Bownes D, Brodie A, Robinson WE, et al: Proceedings:
Physiology and enzymology of frog photoreceptor
membranes. Exp Eye Res 18:253-69, Mar 74

ADENOSINE TRIPHOSPHATASE, isolation &
purification/ ADENOSINE TRIPHOSPHATE,
metabolism/ ADENYL CYCLASE, isolation &
purification/ ANIMAL EXPERIMENTS/
CENTRIFUGATION/ CYTOCHROME OXIDASE,
isolation & purification/ DARK ADAPTATION/
ELECTROPHORESIS/ NUCLEOTIDES, CYCLIC/
PHOSPHATES, metabolism/
PHOSPHODIESTERASES, isolation &
purification/ PHOSPHORUS RADIOISOTOPES/
RANA CATESBEIANA/ *RETINAL PIGMENTS,
metabolism/ RODS AND CONES, enzymology/
RODS AND CONES, metabolism/ *RODS AND
CONES, physiology/ SPECTROPHOTOMETRY/
TRITIUM

487. Bowyer F, Kitabchi AE: Dual role of calcium in
steroidogenesis in the isolated adrenal cell of rat.
Biochem Biophys Res Commun 57:100-5, 15 Mar 74

ADENINE, metabolism/ ADENOSINE CYCLIC
3',5' MONOPHOSPHATE, biosynthesis/
ADRENAL GLANDS, drug effects/ *ADRENAL
GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ *CALCIUM,
pharmacodynamics/ CARBON
RADIOISOTOPES/ CHROMATOGRAPHY, THIN
LAYER/ COMPARATIVE STUDY/
*CORTICOSTERONE, biosynthesis/
CORTICOTROPIN, pharmacodynamics/
DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ IN VITRO/ KINETICS/
RATS

488. Boyar RM, Kapen S, Finkelstein JW, et al:
Hypothalamic-pituitary function in diverse
hyperprolactinemic states.

J Clin Invest 53:1588-98, Jun 74

ADOLESCENCE/ ADULT/ BRAIN
NEOPLASMS, blood/ BRAIN NEOPLASMS,
physiopathology/ DOPA, pharmacodynamics/
FEMALE/ HUMAN/ HYDROCORTISONE,
blood/ HYDROCORTISONE, secretion/
17-HYDROXYCORTICOSTEROIDS, urine/
*HYPOTHALAMO-HYPOPHYSAL SYSTEM,
physiopathology/ HYPOTHALAMUS,
physiopathology/ IMPOTENCE,
physiopathology/ LACTATION DISORDERS,
blood/ LACTATION DISORDERS,
physiopathology/ LH, metabolism/ LH,
secretion/ LIBIDO/ MALE/ PITUITARY
NEOPLASMS, blood/ PITUITARY
NEOPLASMS, physiopathology/ *PROLACTIN,
blood/ PROLACTIN, physiology/ PROLACTIN,
secretion/ SLEEP/ SOMATOTROPIN,
secretion/ TESTOSTERONE, blood/
THYROTROPIN, metabolism/ THYROTROPIN
RELEASING HORMONE/ WAKEFULNESS

489. Boyd AE 3d, Giamber SE, Mager M, et al: Lactate
inhibition of lipolysis in exercising man.

Metabolism 23:531-42, Jun 74

ADULT/ BICARBONATES, administration &
dosage/ BLOOD/ BLOOD SUGAR, metabolism/
*EXERTION/ FATTY ACIDS,
NONESTERIFIED, blood/ GLYCERIN, blood/
HUMAN/ HYDROGEN-ION CONCENTRATION/
INFUSIONS, PARENTERAL/ INSULIN, blood/
LACTATES, administration & dosage/
LACTATES, blood/ *LACTATES, metabolism/
*LIPIDS, metabolism/ MALE/ OXYGEN
CONSUMPTION/ PYRUVATES, blood/
SODIUM, administration & dosage/ SODIUM
CHLORIDE, administration & dosage/
SOMATOTROPIN, blood

490. Boyd H, Louis CJ, Martin TJ: Activity and hormone
responsiveness of adenyl cyclase during induction of
tumors in rat liver with

3'-methyl-4-dimethylaminoazobenzene.

Cancer Res 34:1720-5, Jul 74

*ADENYL CYCLASE, metabolism/ ANIMAL

AUTHOR SECTION

- EXPERIMENTS/ CELL FRACTIONATION/
DIET/ *DIMETHYLAMINOAZOBENZENE/
ENZYME ACTIVATION/ FLUORIDES,
pharmacodynamics/ *GLUCAGON,
pharmacodynamics/ HEPATOMA, chemically
induced/ *HEPATOMA, enzymology/
ISOPROTERENOL, antagonists & inhibitors/
ISOPROTERENOL, pharmacodynamics/ LIVER
NEOPLASMS, chemically induced/ *LIVER
NEOPLASMS, enzymology/ MALE/
NEOPLASMS, EXPERIMENTAL, chemically
induced/ NEOPLASMS, EXPERIMENTAL,
enzymology/ PROPRANOLOL,
pharmacodynamics
491. Boyle CM: Scottish automated follow-up register for
thyroid disease: four years' experience in Glasgow.
Br Med J 2:490-2, 1 Jun 74
ATTITUDE TO HEALTH/ *COMPUTERS/
COOPERATIVE BEHAVIOR/ FOLLOW-UP
STUDIES/ GENERAL PRACTICE/ HUMAN/
*PROGRESSIVE PATIENT CARE/
*QUESTIONNAIRES/ REGISTRIES/ SCOTLAND/
*THYROID DISEASES, therapy/ THYROID
GLAND FUNCTION TESTS
492. Braak H: Zur Pigmentarchitektur der Hirnrinde des
Menschen. Verh Anat Ges 67:577-82, 1972 (Ger)
AMYGDALOID BODY, anatomy & histology/
*CEREBRAL CORTEX, anatomy & histology/
HUMAN/ *PIGMENTS, analysis
493. Brachet J, Baitus E, Schutter A de, et al: Biochemical
changes during progesterone-induced maturation in
Xenopus laevis oocytes.
Mol Cell Biochem 3:189-205, 30 May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CENTRIFUGATION, DENSITY GRADIENT/
DNA, biosynthesis/ FEMALE/ LEUCINE,
metabolism/ NUCLEIC ACID
DENATURATION/ NUCLEIC ACID
RENATURATION/ OVARY, cytology/ OVARY,
drug effects/ OVARY, metabolism/ OVARY,
physiology/ OVUM, cytology/ OVUM, drug
effects/ *OVUM, metabolism/ OVUM,
physiology/ PHENYLALANINE, metabolism/
*PROGESTERONE, pharmacodynamics/
PROTEINS, biosynthesis/ RNA, biosynthesis/
SPECTROPHOTOMETRY, ULTRAVIOLET/
THYMIDINE, metabolism/ TIME FACTORS/
TRITIUM/ XENOPUS
494. Bradley MO: Arginase activity patterns and their
regulation during embryonic development in liver and
kidney. Dev Biol 33:1-17, Jul 73
ANIMAL EXPERIMENTS/ *ARGINASE,
metabolism/ CYCLOHEXIMIDE,
pharmacodynamics/ CYTIDINE, metabolism/
DACTINOMYCIN, pharmacodynamics/ DNA,
analysis/ ENZYME ACTIVATION/ FEMALE/
FLUORODEOXYURIDINE, pharmacodynamics/
HYDROCORTISONE, physiology/ KIDNEY,
drug effects/ *KIDNEY, embryology/ KIDNEY,
enzymology/ LEUCINE, metabolism/ LIVER,
drug effects/ *LIVER, embryology/ LIVER,
enzymology/ MICE/ ORGAN CULTURE/
PREGNANCY/ PROTEINS, analysis/ TRITIUM/
URIDINE, metabolism
495. Brain PF, Evans CM, Poole AE: Proceedings: Studies
on the effects of cyproterone acetate administered in
adulthood or in early life on subsequent endocrine
function and agonistic behavior in male albino
laboratory mice. N Engl J Med 291:xlvi, 11 Jun 74
*ADRENAL GLANDS, drug effects/ AGE
FACTORS/ *AGGRESSION, drug effects/
ANIMAL EXPERIMENTS/ *CYPROTERONE,
pharmacodynamics/ DEPRESSION, CHEMICAL/
*GENITALIA, MALE, drug effects/ MALE/
ORGAN WEIGHT/ *THYMUS GLAND, drug
effects
496. Brain PF, Poole AE: Proceedings: Further
investigations on the effects of adrenalectomy and
pituitary-adrenocortical hormone treatments on
isolation-induced fighting behaviour in male albino
mice. N Engl J Med 291:43-4, 11 Jun 74
*ADRENAL GLANDS, physiology/
ADRENALECTOMY/ *AGGRESSION/
AGGRESSION, drug effects/ ANIMAL
EXPERIMENTS/ *CORTICOTROPIN,
pharmacodynamics/ DEPRESSION, CHEMICAL/
*DEXAMETHASONE, pharmacodynamics/
MALE/ *SOCIAL ISOLATION
497. Braithwaite GD: The effect of changes of dietary
calcium concentration on calcium metabolism in
sheep. Br J Nutr 31:319-31, May 74
ADAPTATION, PHYSIOLOGICAL/ ANIMAL
EXPERIMENTS/ BONE AND BONES,
metabolism/ BONE RESORPTION/ CALCIUM,
blood/ CALCIUM, urine/ *CALCIUM,
DIETARY, metabolism/ EDTA, administration
& dosage/ FECES, analysis/ FEMALE/
HEMOSTASIS/ INJECTIONS, INTRAVENOUS/
INTESTINAL ABSORPTION/ KINETICS/
*SHEEP, metabolism
498. Brambilla C, De Lena M, Bonadonna G: Combination
chemotherapy with adriamycin (NSC-123127) in
metastatic mammary carcinoma.
Cancer Chemother Rep 58:251-3, Mar-Apr 74
ADRIAMYCIN, administration & dosage/
ADRIAMYCIN, adverse effects/
*ADRIAMYCIN, therapeutic use/ ADULT/
AGED/ *BREAST NEOPLASMS, drug therapy/
CLINICAL RESEARCH/ DRUG THERAPY,
COMBINATION/ FEMALE/ HUMAN/
MENOPAUSE/ MIDDLE AGE/ NEOPLASM
METASTASIS/ PREDNISONE, therapeutic use/
VINCRIStINE, administration & dosage/
*VINCRIStINE, therapeutic use
499. Brande JL van den, Caju MV du, Visser HK, et al:
Primary somatomedin deficiency. Case report.
Arch Dis Child 49:297-304, Apr 74
ADRENAL GLAND HYPOFUNCTION,
metabolism/ *BLOOD PROTEIN DISORDERS,
metabolism/ BODY HEIGHT, drug effects/
CALCIUM, urine/ CHILD/ CREATININE,
urine/ GROWTH DISORDERS, immunology/
*GROWTH DISORDERS, metabolism/ HUMAN/
INSULIN, blood/ ISOELECTRIC FOCUSING/
MALE/ PHOSPHORUS, urine/
RADIOIMMUNOASSAY/ SKINFOLD
THICKNESS/ SOMATOMEDIN, analysis/
*SOMATOMEDIN, metabolism/
SOMATOTROPIN, analysis/ SOMATOTROPIN,
blood/ SOMATOTROPIN, pharmacodynamics/
THYROID GLAND FUNCTION TESTS
500. Brande JL van den, Du Caju MV: An improved
technique for measuring somatomedin activity in
vitro. Acta Endocrinol (Kbh) 75:233-42, Feb 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ CARTILAGE, metabolism/ HUMAN/
HYPOPHYSECTOMY/ IN VITRO/ METHODS/
RATS/ SOMATOMEDIN, blood/
*SOMATOMEDIN, metabolism/ SULFUR
RADIOISOTOPES/ SWINE/ TIME FACTORS/
TRITIUM
501. Brande JL van den, Kootte F, Tielenburg R, et al:
Studies on plasma somatomedin activity in different
animal species.
Acta Endocrinol (Kbh) 75:243-8, Feb 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ CARTILAGE, metabolism/ CATTLE/
COMPARATIVE STUDY/ DOGS/ FEMALE/
FISHES/ HORSES/ HUMAN/ INFANT,
NEWBORN/ MACACA/ MALE/ MONKEYS/
PIGEONS/ RATS/ *SOMATOMEDIN, blood/
SPECIES SPECIFICITY/ SULFUR
RADIOISOTOPES/ SWINE/ TIME FACTORS/
TRITIUM/ TURTLES
502. Brandt KD: Medical management of the patient with
arthritis. Clin Orthop 101:13-27, Jun 74 (42 ref.)
*ARTHRITIS, therapy/ ARTHRITIS,
INFECTIOUS, drug therapy/ ARTHRITIS,
INFECTIOUS, surgery/ ARTHRITIS,
RHEUMATOID, drug therapy/ ARTHRITIS,
RHEUMATOID, therapy/ ASPIRIN, therapeutic
use/ CELLULAR INCLUSIONS/
CHONDROCALCINOSIS, drug therapy/
COLCHICINE, therapeutic use/
CORTICOTROPIN, therapeutic use/
DRAINAGE/ GOLD, therapeutic use/ GOUT,
drug therapy/ GOUT, prevention & control/

AUTHOR SECTION

- GOUT, therapy/ HUMAN/ INDOMETHACIN/ MUCIN, analysis/ OSTEOARTHRITIS, drug therapy/ PHENYLBUTAZONE, therapeutic use/ REST/ REVIEW/ SYNOVIAL FLUID, analysis/ SYNOVIAL FLUID, cytology/ SYNOVIAL FLUID, microbiology/ URIC ACID, blood
503. Brandt L, Levan G, Mitelman F, et al: Trisomy G-21 in adult myelomonocytic leukaemia. An abnormality common to granulocytic and monocytic cells. *Scand J Haematol* 12:117-22, 1974
*BONE MARROW CELLS, cytology/
*CHROMOSOMES, HUMAN, 21-22/
FLUORESCENT DYES/ HUMAN/
KARYOTYPING/ *LEUKEMIA, MYELOCYTIC, familial & genetic/ LEUKOCYTES/ MALE/
MICROSCOPY, FLUORESCENCE/ MIDDLE AGE/ MITOSIS/ MONOCYTES/
PHAGOCYTOSIS/ SEX CHROMOSOMES/
STAINS AND STAINING/ *TRISOMY
504. Brandten KH, Heyde MN van der: Herkenning en behandeling van portale hypertensie. *Ned Tijdschr Geneesk* 118:960-70, 22 Jun 74 (29 ref.) (Dut)
ESOPHAGEAL DIVERTICULA, etiology/
ESOPHAGEAL DIVERTICULA, surgery/
HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ HUMAN/ *HYPERTENSION, PORTAL, diagnosis/ HYPERTENSION, PORTAL, etiology/ HYPERTENSION, PORTAL, therapy/ LIGATION/ LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, therapy/ PORTACAVAL ANASTOMOSIS/ REVIEW/
TAMPONS, instrumentation/ VASOPRESSIN, therapeutic use
505. Branchög I, Weinfeld A: Platelet survival and platelet production in idiopathic thrombocytopenic purpura (ITP) before and during treatment with corticosteroids. *Scand J Haematol* 12:69-79, 1974
ADMINISTRATION, ORAL/ ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/
*BLOOD PLATELETS, drug effects/ CELL SURVIVAL, drug effects/ CHROMIUM RADIOISOTOPES/ COMPUTERS, DIGITAL/
FEMALE/ HUMAN/ LIVER, drug effects/
MALE/ MIDDLE AGE/ PREDNISOLONE, administration & dosage/ PREDNISOLONE, pharmacodynamics/ *PREDNISOLONE, therapeutic use/ *PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, drug therapy/ SPLEEN, drug effects/ SPLENECTOMY/ STIMULATION, CHEMICAL/ TIME FACTORS
506. Brannen GE, Coffey DS: Immunologic implications of vasectomy. II. Serum-mediated immunity. *Fertil Steril* 25:515-20, Jun 74
ANIMAL EXPERIMENTS/ CHROMIUM RADIOISOTOPES/ GRANULOMA, etiology/
IMMUNE SERUMS/ *IMMUNITY/
IMMUNOASSAY/ LIGATION/ MALE/ RATS, INBRED STRAINS/ SPERMATOZOA, immunology/ SPLEEN, immunology/ *TESTIS, immunology/ VAS DEFERENS, surgery/
*VASECTOMY, adverse effects
507. Brannen GE, Kwart AM, Coffey DS: Immunologic implications of vasectomy. I. Cell-mediated immunity. *Fertil Steril* 25:508-14, Jun 74
ANIMAL EXPERIMENTS/ CELL MIGRATION INHIBITION/ CHROMIUM RADIOISOTOPES/
*IMMUNITY, CELLULAR/ IMMUNOASSAY/
LIGATION/ MACROPHAGES, immunology/
MALE/ METHODS/ SPERMATOZOA, immunology/ SPLEEN, immunology/ *TESTIS, immunology/ VAS DEFERENS, surgery/
*VASECTOMY
508. Bransilver BR, Ferencsy A, Richart RM: Brenner tumors and Walther cell nests. *Arch Pathol* 98:78-86, Aug 74
*BRENNER TUMOR, pathology/ CELL NUCLEUS/ CELL TRANSFORMATION, NEOPLASTIC/ *CELLULAR INCLUSIONS/ CILIA/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ EPITHELIAL CELLS, cytology/
FEMALE/ GOLGI APPARATUS/ GRANULOSA CELL TUMOR, pathology/ HUMAN/
INTERCELLULAR JUNCTIONS/ LYSOSOMES/
MICROSCOPY, ELECTRON/ MITOCHONDRIA/
ORGANOIDS/ *OVARIAN NEOPLASMS, pathology/ *OVARY, pathology/ THECA CELL TUMOR, pathology
509. Braudo EE, Tolstoguzov VB: Issledovanie vzaimodeistviya zhelatiny s syvorotochnym al'buminom cheloveka v razbavlennykh rastvorakh. *Probl Actuels Endocrinol Nutr* 10:232-5, Mar-Apr 74 (Rus)
ACETATES/ BORATES/ BUFFERS/
COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *GELATIN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ POTASSIUM CHLORIDE/ PROTEIN CONFORMATION/
*SERUM ALBUMIN/ SOLUTIONS/
THIOCYANATES/ VISCOSITY/ WATER
510. Braun OH, Keppler U: Einige Aspekte bei der idiopathischen Lungenhämosiderose. *Klin Paediatr* 186:14-22, Jan 74 (Ger)
AUTOIMMUNE DISEASES, complications/
ELASTIC TISSUE/ ENGLISH ABSTRACT/
FEMALE/ HEART DEFECTS, CONGENITAL, complications/ *HEMOSIDEROSIS, diagnosis/
HEMOSIDEROSIS, drug therapy/
HEMOSIDEROSIS, etiology/ HUMAN/
IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *LUNG DISEASES, diagnosis/ LUNG DISEASES, drug therapy/ LUNG DISEASES, etiology/ PREDNISONE, therapeutic use/
REMISSION
511. Brayshaw JS, Swanson HH: Proceedings: The organizing action of androgen in neonatal hamsters studied by intrahypothalamic implantation. *N Engl J Med* 291:47-8, 11 Jun 74
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ FEMALE/ HYPOTHALAMUS/
*SEX BEHAVIOR, ANIMAL, drug effects/
TESTOSTERONE, administration & dosage/
*TESTOSTERONE, pharmacodynamics/ TIME FACTORS
512. Brech WJ, Sigmund E, Kadatz R, et al: The influence of renin on the intrarenal distribution of blood flow and autoregulation. *Nephron* 12:44-58, 1974
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/
BLOOD PRESSURE/ CATHETERIZATION/
DESOXYCORTICOSTERONE, administration & dosage/ FEMORAL VEIN/ HEMATOCRIT/
INJECTIONS, INTRAMUSCULAR/ *KIDNEY, blood supply/ PERFUSION/ RADIOISOTOPES/
REGIONAL BLOOD FLOW/ RENAL ARTERY/
RENAL VEINS/ RENIN, blood/ *RENIN, physiology/ RENIN, secretion/ SODIUM CHLORIDE, administration & dosage/ XENON
513. Breckwoldt M, Czygan PJ, Lehmann F, et al: Synthetic LH-RH as a therapeutic agent. *Acta Endocrinol (Kbh)* 75:209-20, Feb 74
ADULT/ AMENORRHEA, blood/
AMENORRHEA, complications/
*AMENORRHEA, drug therapy/ ESTROGENS, blood/ ESTROGENS, urine/ FEMALE/ FSH, blood/ GONADOTROPINS, urine/ HUMAN/
INJECTIONS, INTRAVENOUS/ LH, blood/
LH-FSH RELEASING HORMONE, administration & dosage/ LH-FSH RELEASING HORMONE, chem synthesis/ LH-FSH RELEASING HORMONE, pharmacodynamics/
*LH-FSH RELEASING HORMONE, therapeutic use/ MENOTROPINS, pharmacodynamics/
OVARY, drug effects/ OVULATION, drug effects/ PREGNANCY/ PROGESTERONE, blood/ STERILITY, FEMALE, blood/
STERILITY, FEMALE, complications/
*STERILITY, FEMALE, drug therapy/
STIMULATION, CHEMICAL
514. Breckwoldt M, Schmitt R, Lehmann F, et al: Indikationen zur speziellen endokrinologischen Diagnostik in der Gynäkologie. *Fortachr Med* 92:727-31, 13 Jun 74 (Ger)
AMENORRHEA, blood/ ESTROGENS, blood/
FEMALE/ FSH, blood/ GLUCOCORTICOIDS, blood/ GONADOTROPINS, PITUITARY, blood/

AUTHOR SECTION

- *HORMONES, blood/ HUMAN/
17-HYDROXYCORTICOSTEROIDS, blood/
17-KETOSTEROIDS, blood/ LH, blood/
*OVARIAN DISEASES, blood/ PITUITARY
HORMONE RELEASING HORMONES, blood/
PROGESTERONE, blood
515. Breckwoldt M, Schmitt R, Lehmann F, et al: Hormonanalytische Methoden in der gynäkologischen Endokrinologie. Fortschr Med 92:725-6, 13 Jun 74 (Ger)
AMENORRHEA, diagnosis/ *AMENORRHEA, urine/ ESTROGENS, urine/ FEMALE/ GLUCOCORTICOIDS, urine/ GONADOTROPINS, urine/ *HORMONES, urine/ HUMAN/ METHODS/ OVARY, metabolism/ PROGESTATIONAL HORMONES, urine/ TESTOSTERONE, urine
516. Bredderman PJ, Wasserman RH: Chemical composition, affinity for calcium, and some related properties of the vitamin D dependent calcium-binding protein. Biochemistry 13:1687-94, 9 Apr 74
AMIDES, analysis/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ CARBOHYDRATES, analysis/ CATIONS, DIVALENT/ CHICKENS, metabolism/ DIALYSIS/ DRUG STABILITY/ DUODENUM, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HEAT/ *INTESTINAL MUCOSA, analysis/ LIPIDS, analysis/ MOLECULAR WEIGHT/ PROTEIN BINDING/ *PROTEINS, analysis/ PROTEINS, metabolism/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY/ STRUCTURE-ACTIVITY RELATIONSHIP/ *VITAMIN D
517. Breemen C van, Casteels R: The use of Ca-EGTA in measurements of ^{45}Ca efflux from smooth muscle. Pfluegers Arch 348:239-45, 23 Apr 74
*ACETIC ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ CELL MEMBRANE, drug effects/ *CHELATING AGENTS, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ *GLYCOLS, pharmacodynamics/ IODOACETATES, pharmacodynamics/ MUSCLE, SMOOTH, drug effects/ *MUSCLE, SMOOTH, metabolism
518. Brennan ME, Opit LJ: Extension of family planning service in general practice. Br Med J 2:30-3, 6 Jul 74
COMPREHENSIVE HEALTH CARE/ CONTRACEPTIVE DEVICES/ CONTRACEPTIVES, ORAL/ EMIGRATION AND IMMIGRATION/ *FAMILY PLANNING/ FINANCING, PERSONAL/ *GENERAL PRACTICE/ GREAT BRITAIN/ PHYSICIAN-PATIENT RELATIONS/ RELIGION AND MEDICINE
519. Brereton HD, Halushka PV, Alexander RW, et al: Indomethacin-responsive hypercalcemia in a patient with renal-cell adenocarcinoma. N Engl J Med 291:83-5, 11 Jun 74
ADENOCARCINOMA, blood/ *ADENOCARCINOMA, complications/ ADENOCARCINOMA, metabolism/ ADMINISTRATION, ORAL/ CALCIUM, blood/ HUMAN/ HYPERCALCEMIA, blood/ *HYPERCALCEMIA, drug therapy/ HYPERCALCEMIA, etiology/ INDOMETHACIN, administration & dosage/ *INDOMETHACIN, therapeutic use/ KIDNEY NEOPLASMS, blood/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, metabolism/ MALE/ NEOPLASM METASTASIS/ PHOSPHORUS, blood/ PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, blood/ RADIOIMMUNOASSAY
520. Bresloff P, Fox PK, Sim AW, et al: The effect of nandrolone phenylpropionate on ^{14}C -leucine incorporation into muscle protein in the rat and rabbit in vivo. Acta Endocrinol (Kbh) 76:403-16, Jun 74
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, pharmacodynamics/ DIAPHRAGM, metabolism/ FASTING/ FEMALE/ HYPOPHYSECTOMY/ *LEUCINE, metabolism/ MALE/ *MUSCLE PROTEINS, metabolism/ MUSCLES, metabolism/ *NANDROLONE, pharmacodynamics/ PHENYLPROPIONATES, pharmacodynamics/ *PITUITARY GLAND, physiology/ RABBITS/ RATS/ STIMULATION, CHEMICAL
521. Breslow E: The neurophysins. Adv Enzymol 40:271-333, 1974 (139 ref.)
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BINDING SITES/ CIRCULAR DICHROISM/ CROSS REACTIONS/ DISULFIDES, analysis/ DITHIOTREITOL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MICROSCOPY, FLUORESCENCE/ MOLECULAR WEIGHT/ NEURONS/ NEUROPHYSINS, isolation & purification/ *NEUROPHYSINS, metabolism/ NEUROPHYSINS, pharmacodynamics/ PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, metabolism/ PITUITARY HORMONES, biosynthesis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ REVIEW/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET
522. Bresnahan E, Routtenberg A: Memory disruption by unilateral low level, sub-seizure stimulation of the medial amygdaloid nucleus. Physiol Behav 9:513-25, Oct 72
AMNESIA/ *AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ AVOIDANCE LEARNING/ CEREBRAL CORTEX, physiology/ CONVULSIONS/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ ELECTROSHOCK/ HIPPOCAMPUS, physiology/ MALE/ *MEMORY/ REACTION TIME/ STEREOTAXIC TECHNIQUES
523. Brest AN, Ruggiero N: Therapeutic alternatives in hypertension. Lab Invest 29:491-4, Oct 73 (15 ref.)
ADRENAL GLAND NEOPLASMS, drug therapy/ ADRENAL GLAND NEOPLASMS, surgery/ BLOOD PRESSURE/ CAROTID SINUS, innervation/ DRUG RESISTANCE/ ELECTRIC STIMULATION/ HUMAN/ HYPERALDOSTERONISM, drug therapy/ HYPERTENSION, drug therapy/ HYPERTENSION, surgery/ *HYPERTENSION, therapy/ HYPERTENSION, RENAL, drug therapy/ HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, surgery/ NEPHRECTOMY/ PHENTOLAMINE, therapeutic use/ PHEOCHROMOCYTOMA, drug therapy/ PHEOCHROMOCYTOMA, surgery/ RENAL ARTERY OBSTRUCTION, complications/ RENAL ARTERY OBSTRUCTION, surgery/ RENIN, blood/ REVIEW/ SPIRONOLACTONE, therapeutic use
524. Breton B, Weil C: Effets du LH-FSH-RH synthétique et d'extraits hypothalamiques de carpe sur la sécrétion d'hormone gonadotrope in vivo chez la carpe (Cyprinus carpio L. C R Acad Sci [D] (Paris) 277:2061-4, 12 Nov 73 (Fre)
ANIMAL EXPERIMENTS/ *CYPRINIDAE, physiology/ FEMALE/ GONADOTROPINS, PITUITARY, blood/ *GONADOTROPINS, PITUITARY, secretion/ *HYPOTHALAMUS, physiology/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ MALE/ TIME FACTORS/ TISSUE EXTRACTS, pharmacodynamics
525. Brets U, Baggiolini M, Hauser R, et al: Resolution of three distinct populations of nerve endings from rat brain homogenates by zonal isopycnic centrifugation. J Cell Biol 61:466-80, May 74
ACETYLCHOLINE, metabolism/ ACETYLCHOLINESTERASE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ AMINOBUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ *BRAIN, cytology/ CARBOXY-LYASES, metabolism/ CELL FRACTIONATION/ *CENTRIFUGATION,

AUTHOR SECTION

- DENSITY GRADIENT/ CHOLESTEROL, metabolism/ CYTOCHROME OXIDASE, metabolism/ DOPAMINE, metabolism/ GLUTAMATES/ MALE/ MICROSCOPY, ELECTRON/ MONOAMINE OXIDASE, metabolism/ *NERVE ENDINGS, cytology/ NERVE ENDINGS, enzymology/ NERVE ENDINGS, metabolism/ NOREPINEPHRINE, metabolism/ RATS/ SEROTONIN, metabolism/ SUCROSE
526. Brewer GJ, Oelshlegel FJ Jr: Antisickling effects of zinc. *Biochem Biophys Res Commun* 58:854-61, 4 Jun 74
ANEMIA, SICKLE CELL, blood/ ANEMIA, SICKLE CELL, drug therapy/ *ANEMIA, SICKLE CELL, metabolism/ CALCIUM, metabolism/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ ERYTHROCYTES, cytology/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, metabolism/ HEMOGLOBIN, metabolism/ HUMAN/ OXYGEN, blood/ RECEPTORS, DRUG/ ULTRAFILTRATION/ *ZINC, pharmacodynamics/ ZINC, therapeutic use
527. Brewer HB Jr, Fairwell T, Rittel W, et al: Recent studies on the chemistry of human, bovine and porcine parathyroid hormones. *Am J Med* 56:759-66, Jun 74 (33 ref.)
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ BIOLOGICAL ASSAY/ CALCIUM, metabolism/ CATTLE/ CIRCULAR DICHROISM/ COMPARATIVE STUDY/ HUMAN/ *PARATHYROID HORMONE, chem synthesis/ PARATHYROID HORMONE, pharmacodynamics/ PHOSPHATES, metabolism/ PROTEIN CONFORMATION/ RATS/ REVIEW/ SPECIES SPECIFICITY/ SPECTROMETRY, FLUORESCENCE/ SWINE
528. Brewington CR, Parks OW, Schwartz DF: Conjugated compounds in cow's milk. II. *J Agric Food Chem* 22:293-4, Mar-Apr 74
ACETIC ACIDS, analysis/ ANIMAL EXPERIMENTS/ BENZOATES, analysis/ BIOTRANSFORMATION/ CARBOXYLIC ACIDS, analysis/ CATECHOL, analysis/ COMPARATIVE STUDY/ FATTY ACIDS, analysis/ FATTY ACIDS, UNSATURATED, analysis/ FEMALE/ *GLUCURONATES, metabolism/ GUAIACOL, analysis/ LACTATION/ *MILK, analysis/ MILK, metabolism/ PHENOLS, analysis/ PROPIONATES, analysis/ *SULFURIC ACIDS, metabolism/ URINE, analysis
529. Bresenoff HE: Cardiovascular responses to intrahypothalamic injections of carbachol and certain cholinesterase inhibitors. *Neuropharmacology* 11:637-44, Sep 72
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *CARBACHOL, pharmacodynamics/ *CHOLINESTERASE INHIBITORS, pharmacodynamics/ EDROPHONIUM CHLORIDE, pharmacodynamics/ ELECTROCARDIOGRAPHY/ HEART RATE, drug effects/ *HEMODYNAMICS, drug effects/ *HYPOTHALAMUS, drug effects/ MALE/ MICROINJECTIONS/ NEOSTIGMINE, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ RATS
530. Bricaire H, Wechsler B, Thieblot P: Manifestation inflammatoire inhabituelle dans les suites d'une thyroïdectomie subtotale pour goitre toxique multinodulaire: thyroïdite. *Nouv Presse Med* 3:751-2, 23 Mar 74 (Fre)
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ BLOOD CELL COUNT/ BLOOD SEDIMENTATION/ CASE REPORT/ FEMALE/ GOITER, NODULAR, diagnosis/ GOITER, NODULAR, pathology/ *GOITER, NODULAR, surgery/ HUMAN/ *POSTOPERATIVE COMPLICATIONS/ PREDNISONE, therapeutic use/ RADIOISOTOPE SCANNING/ THYROIDECTOMY/ THYROIDITIS, drug therapy/ *THYROIDITIS, etiology
531. Bricker J, Garrick MD: An isoleucine-valine substitution in the beta chain of rabbit hemoglobin. *Biochim Biophys Acta* 351:437-41, 7 Jun 74
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ FORMIC ACIDS/ GEL FILTRATION/ *HEMOGLOBINS, ABNORMAL/ ISOLEUCINE/ LYSINE/ PEPTIDE FRAGMENTS, analysis/ SPECTROPHOTOMETRY, ULTRAVIOLET/ THIOCYANATES/ TRITIUM/ VALINE/ VARIATION (GENETICS)
532. Brickman AS, Coburn JW, Norman AW, et al: Short-term effects of 1,25-dihydroxycholecalciferol on disordered calcium metabolism of renal failure. *Am J Med* 57:28-33, Jul 74 (22 ref.)
ANTIGENS/ CALCIUM, analysis/ CALCIUM, blood/ CALCIUM, metabolism/ CALCIUM, urine/ *CALCIUM METABOLISM DISORDERS, drug therapy/ COMPARATIVE STUDY/ DIHYDROXYCHOLECALCIFEROLS, administration & dosage/ DIHYDROXYCHOLECALCIFEROLS, adverse effects/ DIHYDROXYCHOLECALCIFEROLS, metabolism/ DIHYDROXYCHOLECALCIFEROLS, therapeutic use/ FECES, analysis/ HUMAN/ HYDROXYCHOLECALCIFEROL, metabolism/ *HYDROXYCHOLECALCIFEROL, therapeutic use/ HYPERCALCEMIA, chemically induced/ INTESTINES, metabolism/ KIDNEY, metabolism/ KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, drug therapy/ KIDNEY FAILURE, CHRONIC, immunology/ *KIDNEY FAILURE, CHRONIC, metabolism/ KIDNEY FAILURE, CHRONIC, urine/ PARATHYROID HORMONE, blood/ PHOSPHORUS, blood/ REVIEW/ UREMIA, blood/ UREMIA, drug therapy/ UREMIA, metabolism/ UREMIA, urine
533. Brickman AS, Norman AW: Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. *Kidney Int* 4:161-7, Aug 73 (73 ref.)
ALUMINUM, therapeutic use/ BONE REGENERATION/ CALCIUM, metabolism/ CALCIUM CARBONATE, therapeutic use/ CHOLECALCIFEROL, therapeutic use/ DIHYDROTACHYSTEROL, therapeutic use/ DIHYDROXYCHOLECALCIFEROLS, therapeutic use/ ERGOCALCIFEROL, therapeutic use/ HUMAN/ *HYDROXYCHOLECALCIFEROL, therapeutic use/ INTESTINAL ABSORPTION, drug effects/ OSTEITIS FIBROSA CYSTICA, surgery/ OSTEOMALACIA, drug therapy/ PARATHYROID GLANDS, drug effects/ PARATHYROID GLANDS, surgery/ PHOSPHORUS, blood/ PHOSPHORUS, metabolism/ *RENAL OSTEODYSTROPHY, drug therapy/ RENAL OSTEODYSTROPHY, metabolism/ REVIEW/ SECRETORY RATE, drug effects/ VITAMIN D, metabolism/ *VITAMIN D, therapeutic use
534. Bridgen J, Morris HR: Use of mass spectrometry and quantitative Edman degradation for the determination of repeating amino-acid sequences. *Eur J Biochem* 44:333-4, 15 May 74
*AMINO ACID SEQUENCE/ DANSYL COMPOUNDS/ INDICATORS AND REAGENTS/ METHODS/ *SPECTRUM ANALYSIS, MASS/ THIOCYANATES
535. Bridges CD, Delsie CE: Postglacial evolution of the visual pigments of the smelt, *Osmerus eperlanus* mordax. *Vision Res* 14:345-56, May 74
*ADAPTATION, BIOLOGICAL/ ANIMAL EXPERIMENTS/ DARKNESS/ INJECTIONS, INTRAPERITONEAL/ LIGHT/ LIVER, analysis/ RETINA, drug effects/ *RETINAL PIGMENTS/ RETINAL PIGMENTS, analysis/ RETINAL PIGMENTS, biosynthesis/ *SALMONIDAE, anatomy & histology/ SALMONIDAE, physiology/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ THYROXINE, administration & dosage/ THYROXINE,

AUTHOR SECTION

- pharmacodynamics/ VITAMIN A, analysis/
VITAMIN A, metabolism
536. Briggs M: Blood platelet biochemistry in women receiving steroid contraceptives.
Haematologia (Budap) 7:347-67, 1973
ACID PHOSPHATASE, metabolism/
ADENOSINE DIPHOSPHATE, blood/
ADENOSINE TRIPHOSPHATE, blood/ ADULT/
BLOOD PLATELETS, analysis/ *BLOOD
PLATELETS, drug effects/ BLOOD
PLATELETS, enzymology/ BLOOD PROTEIN
ELECTROPHORESIS/ *CONTRACEPTIVES,
ORAL, pharmacodynamics/ DELAYED-ACTION
PREPARATIONS/ DRUG COMBINATIONS/
ETHINYL ESTRADIOL, pharmacodynamics/
ETHYNODIOL DIACETATE/ FEMALE/
GLYCEROPHOSPHATES, blood/ HUMAN/
INJECTIONS, INTRAMUSCULAR/
LYNESTRENOL, pharmacodynamics/
MEDROXYPROGESTERONE, administration &
dosage/ *MEDROXYPROGESTERONE,
pharmacodynamics/ MENSTRUATION/
MESTRANOL, pharmacodynamics/
MONOAMINE OXIDASE, metabolism/
NORETHINDRONE, pharmacodynamics/
NORGESTREL, pharmacodynamics/
SULFATASES, metabolism
537. Briggs M: Letter: Oral contraceptives and vitamin nutrition. Lancet 1:1234-5, 15 Jun 74
ASCORBIC ACID, blood/ *CONTRACEPTIVES,
ORAL, adverse effects/ DEVELOPING
COUNTRIES/ DIET/ FEMALE/ HUMAN/
*MEDROXYPROGESTERONE, adverse effects/
PYRIDOXAL PHOSPHATE, blood/
RIBOFLAVIN, blood/ VITAMIN A, blood/
VITAMIN B 12, blood/ VITAMIN E, blood/
*VITAMINS, blood
538. Briggs MH: Letter: Thromboembolism and oral contraceptives. Br Med J 2:503, 1 Jun 74
BLOOD GROUPS/ *CONTRACEPTIVES, ORAL,
adverse effects/ DRUG INTERACTIONS/
ESTROGENS, adverse effects/ FACTOR VII,
analysis/ FEMALE/ HUMAN/
PROGESTERONE, adverse effects/
*THROMBOEMBOLISM, chemically induced
539. Brighton CT, Hunt RM: Mitochondrial calcium and its role in calcification. Histochemical localization of calcium in electron micrographs of the epiphyseal growth plate with K-pyroantimonate.
Cln Orthop 100:404-16, May 74
*ANTIMONY/ BONE MATRIX, physiology/
*CALCIFICATION, PHYSIOLOGIC/ *CALCIUM,
physiology/ CARTILAGE, cytology/ CELL
MEMBRANE/ CHELATING AGENTS/
CYTOPLASM/ *EPIPHYSES, growth &
development/ HISTOCYTOCHEMISTRY/
HYPERTROPHY/ MICROSCOPY, ELECTRON/
MITOCHONDRIA, metabolism/
*MITOCHONDRIA, physiology/ OSMIUM/
POTASSIUM/ STAINS AND STAINING
540. Brinkley BR, Barham SS, Barranco SC, et al: Rotenone inhibition of spindle microtubule assembly in mammalian cells. Exp Cell Res 85:41-6, 30 Mar 74
BRAIN/ CATTLE/ CELL LINE/ CELLS,
CULTURED/ CHROMOSOMES/ COLCHICINE,
metabolism/ COLCHICINE, pharmacodynamics/
COMPARATIVE STUDY/ FEMALE/
HAMSTERS/ MICROSCOPY, ELECTRON/
*MICROTUBULES, drug effects/
MICROTUBULES, metabolism/ MITOSIS, drug
effects/ NERVE TISSUE PROTEINS,
metabolism/ OVARY/ PROTEIN BINDING/
*ROTENONE, pharmacodynamics/ TRITIUM
541. Briskin AI: Rol' tirokal'taitonina v kosteobrazovanii.
Ortop Travmatol Protez 34:69-71, Dec 73 (Rus)
ANIMAL EXPERIMENTS/ BONE AND BONES,
metabolism/ *BONE DISEASES,
DEVELOPMENTAL, drug therapy/ BONE
REGENERATION, drug effects/ BONE
RESORPTION, drug effects/ CALCITONIN,
administration & dosage/ *CALCITONIN,
pharmacodynamics/ CALCITONIN, physiology/
CALCITONIN, therapeutic use/ CALCIUM,
metabolism/ HUMAN/ INJECTIONS,
- INTRAMUSCULAR/ INJECTIONS,
INTRAVENOUS/ *OSTEOGENESIS/
*OSTEOPOROSIS, drug therapy/
PARATHYROID HORMONE, antagonists &
inhibitors/ PHOSPHATES, metabolism/ RATS
542. Brodows RG, Pi-Sunyer FX, Campbell RG: Insulin secretion in adrenergic insufficiency in man.
J Clin Endocrinol Metab 38:1103-8, Jun 74
ADRENALECTOMY/ ADULT/ BLOOD SUGAR,
metabolism/ FEMALE/ GLUCOSE,
pharmacodynamics/ HUMAN/ *INSULIN,
blood/ MALE/ MIDDLE AGE/ *RECEPTORS,
ADRENERGIC/ SYMPATHECTOMY
543. Broeders GH, Hinsbergh WC van, Kirkels VG, et al: Echt hermafroditisme met een XX-XY-XXY-chromosomenmosaiek.
Ned Tijdschr Geneesk 118:726-32, 11 May 74 (Dut)
CASE REPORT/ *CHROMOSOME
ABERRATIONS/ ENGLISH ABSTRACT/
FEMALE/ *HERMAPHRODITISM, familial &
genetic/ HERMAPHRODITISM, surgery/
HUMAN/ INFANT, NEWBORN/
KARYOTYPING/ PREGNANCY/ SEX
CHROMOSOME ABNORMALITIES/ *SEX
CHROMOSOMES
544. Broman RL, Dobrogosz WJ: Stimulation of cytochrome synthesis in Escherichia coli by cyclic AMP.
Arch Biochem Biophys 162:595-601, Jun 74
ACETATES, metabolism/ *ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ CELL DIVISION, drug
effects/ COMPARATIVE STUDY/
CYTOCHROME OXIDASE, biosynthesis/
*CYTOCHROMES, biosynthesis/ ENZYME
INDUCTION/ ESCHERICHIA COLI, drug
effects/ *ESCHERICHIA COLI, enzymology/
ESCHERICHIA COLI, metabolism/
GLUCONATES, metabolism/ GLUCOSE,
metabolism/ GLYCERIN, metabolism/
LACTATES, metabolism/ MANNITOL,
metabolism/ MUTATION/
NITROSOGUANIDINES, pharmacodynamics/
SPECIES SPECIFICITY/
SPECTROPHOTOMETRY/ SUCCINATES,
metabolism/ TIME FACTORS
545. Bronson FH, Desjardins C: Circulating concentrations of FSH, LH, estradiol, and progesterone associated with acute, male-induced puberty in female mice.
Endocrinology 94:1658-68, Jun 74
ANIMAL EXPERIMENTS/ BINDING,
COMPETITIVE/ BODY WEIGHT/ CARBON
RADIOISOTOPES/ *ESTRADIOL, blood/
FEEDBACK/ FEMALE/ *FSH, blood/ GEL
FILTRATION/ *LH, blood/ MALE/ MICE/
*PROGESTERONE, blood/ *PUBERTY/
RADIOIMMUNOASSAY/ TIME FACTORS/
TRITIUM
546. Brosman SA, Cohen A, Fay R: Rhabdomyosarcoma of testis and spermatic cord in children.
Urology 3:568-72, May 74
CASTRATION/ CHILD/ CYCLOPHOSPHAMIDE,
therapeutic use/ DACTINOMYCIN, therapeutic
use/ HUMAN/ LYMPH NODE EXCISION/
LYMPHATIC METASTASIS/ MALE/
MEDIASTINAL NEOPLASMS, pathology/
NEOPLASM METASTASIS/ PROGNOSIS/
RETROPERITONEAL NEOPLASMS, pathology/
RETROPERITONEAL SPACE/
RHABDOMYOSARCOMA, pathology/
RHABDOMYOSARCOMA, radiography/
RHABDOMYOSARCOMA, radiotherapy/
RHABDOMYOSARCOMA, surgery/
*RHABDOMYOSARCOMA, therapy/
*SPERMATIC CORD/ SPERMATIC CORD,
surgery/ TESTICULAR NEOPLASMS,
pathology/ TESTICULAR NEOPLASMS,
radiography/ TESTICULAR NEOPLASMS,
radiotherapy/ TESTICULAR NEOPLASMS,
surgery/ *TESTICULAR NEOPLASMS, therapy
547. Broster WH: Protein-energy interrelationships in growth and lactation of cattle and sheep.
Proc Nutr Soc 32:115-22, Sep 73 (54 ref.)
ANIMAL EXPERIMENTS/ BODY
COMPOSITION/ BODY WEIGHT/ CATTLE,

AUTHOR SECTION

- growth & development/ *CATTLE, metabolism/ *DIETARY CARBOHYDRATES, metabolism/ *DIETARY PROTEINS, metabolism/ DIGESTION/ ENERGY METABOLISM/ FEMALE/ *LACTATION/ NITROGEN, metabolism/ NUTRITIONAL REQUIREMENTS/ PREGNANCY/ REVIEW/ SHEEP, growth & development/ *SHEEP, metabolism
548. Brostrom CO, Kon C: An improved protein binding assay for cyclic AMP. *Anal Biochem* 58:459-68, Apr 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ AMMONIUM SULFATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASTROCYTOMA/ CATIONS, DIVALENT/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CLONE CELLS/ COMPARATIVE STUDY/ EVALUATION STUDIES/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDROXYAPATITE/ IRON, pharmacodynamics/ LANTHANUM, pharmacodynamics/ METHODS/ MUSCLES, enzymology/ PHOSPHORUS RADIOISOTOPES/ PROTEIN BINDING/ PROTEIN KINASE, antagonists & inhibitors/ RATS/ RIBONUCLEOTIDES, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ TIME FACTORS/ TRITIUM
549. Brot FE, Glaser JH, Roozen KJ, et al: In vitro correction of deficient human fibroblasts by beta-glucuronidase from different human sources.
Biochem Biophys Res Commun 57:1-8, 15 Mar 74
ACID PHOSPHATASE, metabolism/ BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, enzymology/ CELLS, CULTURED/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ *FIBROBLASTS, enzymology/ GALACTOSIDASE, metabolism/ GLUCOSAMINIDASE, metabolism/ GLUCURONIDASE, blood/ *GLUCURONIDASE, metabolism/ GLUCURONIDASE, urine/ GLYCOSIDE HYDROLASES, metabolism/ GOATS, immunology/ HUMAN/ LIVER, enzymology/ LYSOSOMES, enzymology/ MANNOSE/ ORGAN SPECIFICITY/ PLACENTA, cytology/ PLACENTA, enzymology/ PREGNANCY/ SULFUR RADIOISOTOPES
550. Brown GM, Martin JB: Corticosterone, prolactin, and growth hormone responses to handling and new environment in the rat.
Psychosom Med 36:241-7, May-Jun 74
ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ *CIRCADIAN RHYTHM/ *CORTICOSTERONE, blood/ CORTICOSTERONE, secretion/ DARKNESS/ *ENVIRONMENT/ *HANDLING (PSYCHOLOGY)/ LIGHT/ MALE/ *PROLACTIN, blood/ PROLACTIN, secretion/ RATS/ *RATS, physiology/ SECRETORY RATE/ *SOMATOTROPIN, blood/ SOMATOTROPIN, secretion
551. Brown LP, Beach PK, Buttram VC Jr, et al: An overnight radioimmunoassay for human luteinizing hormone. *J Lab Clin Med* 84:129-33, Jul 74
FEMALE/ HUMAN/ IMMUNE SERUMS/ IODINE RADIOISOTOPES/ *LH, blood/ METHODS/ RABBITS, immunology/ *RADIOIMMUNOASSAY/ TEMPERATURE/ TIME FACTORS
552. Brown RM, Carlson A, Ljunggren B, et al: Effect of ischemia on monoamine metabolism in the brain.
Acta Physiol Scand 90:789-91, Apr 74
*AMINES, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, blood supply/ *BRAIN, metabolism/ *CATECHOLAMINES, metabolism/ *CEREBRAL ISCHEMIA, TRANSIENT, metabolism/ CEREBROSPINAL FLUID/ *INDOLES, metabolism/ MALE/ NOREPINEPHRINE, metabolism/ PRESSURE/ RATS/ SEROTONIN, metabolism/ TIME FACTORS/ TRYPTOPHAN, metabolism
553. Brown WA, Krieger DT, Van Woert MH, et al: Dissociation of growth hormone and cortisol release following apomorphine.
J Clin Endocrinol Metab 38:1127-30, Jun 74
ADULT/ AGED/ *APOMORPHINE, pharmacodynamics/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ MIDDLE AGE/ *SOMATOTROPIN, blood/ TIME FACTORS
554. Browning HC: The evolutionary history of the corpus luteum. *Biol Reprod* 8:128-57, Mar 73 (156 ref.)
AMPHIBIA/ ANIMAL EXPERIMENTS/ *CORPUS LUTEUM/ CORPUS LUTEUM, growth & development/ CORPUS LUTEUM, physiology/ ESTROGENS, blood/ EVOLUTION/ FEMALE/ FISHES/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMUS, physiology/ OVULATION/ OVUM, growth & development/ PITUITARY GLAND, physiology/ PROGESTERONE, blood/ REPTILES/ REVIEW/ VITELLINE MEMBRANE, physiology
555. Brownstein MJ, Palkovits M, Saavedra JM, et al: Thyrotropin-releasing hormone in specific nuclei of rat brain. *Science* 185:267-9, 19 Jul 74
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ FEMALE/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, analysis/ *HYPOTHALAMUS, analysis/ MAMMARY BODIES, analysis/ *THYROTROPIN RELEASING HORMONE, analysis
556. Bruce NW, Hillier K: The effect of prostaglandin F2alpha on ovarian blood flow and corpora lutea regression in the rabbit. *Nature* 249:176-7, 10 May 74
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, blood supply/ *CORPUS LUTEUM, drug effects/ FEMALE/ *OVARY, blood supply/ OVARY, drug effects/ PREGNANCY/ *PROTAGLANDINS, pharmacodynamics/ RABBITS/ REGIONAL BLOOD FLOW, drug effects
557. Bruckdorfer KR, Kang SS, Khan IH, et al: Diurnal changes in the concentrations of plasma lipids, sugars, insulin and corticosterone in rats fed diets containing various carbohydrates.
Horm Metab Res 6:99-106, Mar 74
ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *BLOOD SUGAR, metabolism/ *CIRCADIAN RHYTHM/ *CORTICOSTERONE, blood/ *DIETARY CARBOHYDRATES, metabolism/ FATTY ACID SYNTHETASE COMPLEX, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ *FRUCTOSE, blood/ FRUCTOSE, metabolism/ FRUCTOSE, pharmacodynamics/ GLUCOSE, metabolism/ GLUCOSE, pharmacodynamics/ *INSULIN, blood/ *LIPIDS, blood/ LIVER, drug effects/ LIVER, metabolism/ MALE/ ORGAN WEIGHT/ RATS/ STARCH, metabolism/ STARCH, pharmacodynamics/ SUCROSE, metabolism/ SUCROSE, pharmacodynamics/ TRIGLYCERIDES, blood
558. Brühl U, Schmidt D, Taugner R, et al: Untersuchungen über den Reningehalt und die Granulopoese in den juxtaglomerulären Zellen während der perinatalen Periode.
Verh Anat Ges 67:151-8, 1972 (Ger)
ANIMAL EXPERIMENTS/ ENDOPLASMIC RETICULUM/ ENGLISH ABSTRACT/ FETUS/ JUXTAGLOMERULAR APPARATUS, cytology/ JUXTAGLOMERULAR APPARATUS, embryology/ JUXTAGLOMERULAR APPARATUS, growth & development/ *JUXTAGLOMERULAR APPARATUS, metabolism/ RATS/ *RENIN, analysis
559. Bruijn HW de, Molen HJ van der: An assessment of the possible role of 17alpha,20alpha-dihydroxy-4-pregnen-3-one in the regulation of testosterone synthesis by rat and rabbit testis. *J Endocrinol* 61:401-10, Jun 74
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, THIN

AUTHOR SECTION

- LAYER/ HYDROXYPROGESTERONE, analysis/
HYDROXYSTEROID DEHYDROGENASES,
analysis/ HYDROXYSTERIODS, blood/
HYDROXYSTERIODS, pharmacodynamics/ IN
VITRO/ KETOSTEROIDS, blood/
KETOSTEROIDS, pharmacodynamics/ LYASES,
antagonists & inhibitors/ MALE/ PREGNENES,
blood/ *PREGNENES, pharmacodynamics/
PROTEIN BINDING/ SEMINAL VESICLES,
enzymology/ TESTIS, analysis/ TESTIS, drug
effects/ TESTIS, enzymology/ *TESTIS,
metabolism/ *TESTOSTERONE, biosynthesis/
TRITIUM
560. Bruni B: Ormonoterapi del carcinoma mammario.
G Batteriol Virol Immunol [Clin] 15:36-64, Jan-Aug 72
(Ita)
*ADRENAL CORTEX HORMONES, therapeutic
use/ ADRENALECTOMY/ *BREAST
NEOPLASMS, drug therapy/ FEMALE/
*GONADOTROPINS, PITUITARY, therapeutic
use/ HUMAN/ HYPOPHYSECTOMY/ MALE/
MENOPAUSE/ OVARY, surgery/
POSTOPERATIVE COMPLICATIONS, drug
therapy/ *PROGESTERONE, therapeutic use/
*SOMATOTROPIN, therapeutic use/ *THYROID
HORMONES, therapeutic use
561. Brunk SF, Combs SP, Miller JD, et al: Effects of
hypothyroidism and hyperthyroidism on dipyrone
metabolism in man.
J Clin Pharmacol 5:271-9, May-Jun 74
ADULT/ AMINOPYRINE N-DEMETHYLASE,
metabolism/ ANTIPYRINE, administration &
dosage/ *ANTIPYRINE, metabolism/
ELECTROCARDIOGRAPHY/ FEMALE/
HALF-LIFE/ HUMAN/ *HYPERTHYROIDISM,
metabolism/ HYPERTHYROIDISM,
radiotherapy/ HYPOTHYROIDISM, drug
therapy/ *HYPOTHYROIDISM, metabolism/
IODINE RADIOISOTOPES, therapeutic use/
MALE/ METHANESULFONATES,
administration & dosage/
METHANESULFONATES, metabolism/
MICROSOMES, LIVER, enzymology/ MIDDLE
AGE/ TIME FACTORS/ TRIIODOTHYRONINE,
therapeutic use
562. Brunsting A, Mullaney PF: Differential light scattering
from spherical mammalian cells.
Biophys J 14:439-53, Jun 74
CELL DIVISION/ CELL LINE/ CELL
NUCLEUS/ CULTURE MEDIA/ CYTOPLASM/
*HELA CELLS, cytology/ HUMAN/ LIGHT/
MATHEMATICS/ MITOSIS/ MODELS,
BIOLOGICAL/ *OVARY, cytology/
PHOTOGRAPHY/ *SCATTERING, RADIATION/
SERUM ALBUMIN, BOVINE/ STAINS AND
STAINING/ TIME FACTORS
563. Brüscke G: Ätiologie, Klinik und Therapie des
Eisenmangel-syndroms.
Z Aerztl Fortbild (Jena) 68:139-41, 1 Feb 74 (Ger)
ANEMIA, HYPOCHROMIC, complications/
ANEMIA, HYPOCHROMIC, diagnosis/
ANEMIA, HYPOCHROMIC, drug therapy/
*ANEMIA, HYPOCHROMIC, etiology/
ERYTHROCYTE COUNT/ FATIGUE, etiology/
FEMALE/ HUMAN/ HYPOTENSION, etiology/
IRON, administration & dosage/ IRON,
therapeutic use/ LACTATION/ MALE/
MENSTRUATION/ MIGRAINE, etiology/
NUTRITION DISORDERS, complications/
PUERPERAL DISORDERS, complications/
SYNDROME
564. Brush FR, Dallman M, Jones MT, et al: Proceedings:
Corticosteroid feedback at the pituitary level.
N Engl J Med 291:ixvixv, 11 Jun 74
*ADRENAL CORTEX HORMONES,
pharmacodynamics/ ADRENAL GLANDS,
physiology/ ADRENALECTOMY/ ANIMAL
EXPERIMENTS/ CEREBRAL VENTRICLES,
physiology/ *CORTICOTROPIN, secretion/
*CORTICOTROPIN RELEASING HORMONE,
pharmacodynamics/ FEEDBACK/
HYPOTHALAMUS, drug effects/ MALE/
PITUITARY GLAND, drug effects/
*PITUITARY GLAND, secretion
565. Brush MG: Proceedings: The role of oestradiol and
progesterone uptake and binding studies in human
endometrial physiology and pathology.
J Endocrinol 61:3-4, Apr 74
BINDING SITES/ *ENDOMETRIUM,
metabolism/ *ESTRADIOL, metabolism/
FEMALE/ HUMAN/ *PROGESTERONE,
metabolism/ RECEPTORS, DRUG/ TRITIUM
566. Brusilovskii AI, Miroshnikova AP: Sovremennye
dannye po tsitologii amniona cheloveka i ikh
znachenie dlia meditsinskoi genetiki.
Tsitol Genet 8:169-72, Mar 74 (Rus)
*AMNIOTIC FLUID, cytology/ AMNIOTIC
FLUID, enzymology/ CELL DIVISION/ CELL
NUCLEUS/ CELLULAR INCLUSIONS/
CHROMOSOME ABNORMALITIES, diagnosis/
CYTOPLASM/ DNA, analysis/ ENGLISH
ABSTRACT/ EPITHELIAL CELLS/ FEMALE/
GESTATIONAL AGE/ HEREDITARY
DISEASES, diagnosis/ HUMAN/
KARYOTYPING/ METABOLISM, INBORN
ERRORS, diagnosis/ MICROSCOPY,
FLUORESCENCE/ RNA, analysis/ SEX
DETERMINATION
567. Bruun E, Hansen I: Beklometason-dipropionat aerosol
(Becotide) ved svaer asthma bronchiale.
Ugeskr Laeger 136:1179-81, 27 May 74 (Dan)
AEROSOLS/ *ASTHMA, drug therapy/
BECLOMETHASONE, administration & dosage/
BECLOMETHASONE, therapeutic use/
ENGLISH ABSTRACT/ FEMALE/
*GLUCOCORTICOIDS, TOPICAL, therapeutic
use/ HUMAN/ INHALATION THERAPY/
MALE/ *METHYLPREDNISOLONE, therapeutic
use/ PREDNISONE, therapeutic use/ TIME
FACTORS
568. Bryan GT: Normal and abnormal sexual maturation.
Am Fam Physician 9:123-35, Jun 74
ADOLESCENCE/ ADRENAL GLAND
DISEASES, complications/ AGE
DETERMINATION BY SKELETON/ BONE
DEVELOPMENT/ BREAST, growth &
development/ CENTRAL NERVOUS SYSTEM
DISEASES, complications/ CHILD/
CONTRACEPTIVE AGENTS, therapeutic use/
ENDOCRINE DISEASES, drug therapy/
ESTROGENS, therapeutic use/ FEMALE/ FSH,
physiology/ HUMAN/ LH, physiology/ MALE/
MEDROXYPROGESTERONE, therapeutic use/
MENSTRUATION/ OXANDROLONE, adverse
effects/ OXANDROLONE, therapeutic use/
PARENT-CHILD RELATIONS/
PHYSICIAN-PATIENT RELATIONS/
*PUBERTY/ *PUBERTY, PRECOCIOUS/
PUBERTY, PRECOCIOUS, diagnosis/
PUBERTY, PRECOCIOUS, etiology/ SEX
CHARACTERISTICS/ TESTICULAR DISEASES,
complications/ TESTIS,
growth & development/ TURNER'S
SYNDROME, complications
569. Bryan JH, Johnson GE, Leventhal BG: The effect of
autologous serum on lymphocyte response to human
leukemia cells. Blood 43:781-7, Jun 74
ADOLESCENCE/ ADULT/ ASPARAGINASE,
therapeutic use/ CHILD/ CHILD,
PRESCHOOL/ CYTARABINE, therapeutic use/
FEMALE/ HUMAN/ *IMMUNE SERUMS,
pharmacodynamics/ LEUKEMIA,
LYMPHOBLASTIC, drug therapy/
*LEUKEMIA, LYMPHOBLASTIC, immunology/
LEUKEMIA, MYELOBLASTIC, drug therapy/
*LEUKEMIA, MYELOBLASTIC, immunology/
LEUKOCYTE CULTURE TEST, MIXED/
*LEUKOCYTES, immunology/ *LYMPHOCYTE
TRANSFORMATION, drug effects/
LYMPHOCYTES, immunology/ MALE/
MERCAPTOPURINE, therapeutic use/
METHOTREXATE, therapeutic use/ MIDDLE
AGE/ NITROSOUREA COMPOUNDS,
therapeutic use/ PREDNISOLONE, therapeutic
use/ PROGNOSIS/ THIOPURINE, therapeutic
use/ VINCRISTINE, therapeutic use
570. Bryant LR, Mobin-Uddin K, Utley JR, et al: Massive
pulmonary embolism: a plan of medical management

AUTHOR SECTION

- South Med J 67:825-9, Jul 74
ADRENAL CORTEX HORMONES, administration & dosage/ ADRENAL CORTEX HORMONES, therapeutic use/ ANGIOGRAPHY/ BICARBONATES, administration & dosage/ BICARBONATES, therapeutic use/ BLOOD PRESSURE/ CATHETERIZATION/ CONTRAST MEDIA, adverse effects/ DIGITALIS GLYCOSIDES, administration & dosage/ DIGITALIS GLYCOSIDES, therapeutic use/ ELECTROCARDIOGRAPHY/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ ISOPROTERENOL, administration & dosage/ ISOPROTERENOL, therapeutic use/ MALE/ METARAMINOL, administration & dosage/ METARAMINOL, therapeutic use/ PULMONARY ARTERY, radiography/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, therapy/ RESPIRATION, ARTIFICIAL
571. Bryc S, Ziomaniec J: Przydatność zdjęć przeglądowych czaszki w rozpoznawaniu guzów śródsiowych i nadsiowych. Ann Univ Mariae Curie Skłodowska [Med] 28:129-32, 1973 (Pol)
*BRAIN NEOPLASMS, radiography/ *CEREBRAL VENTRICLE NEOPLASMS, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ *PITUITARY NEOPLASMS, radiography/ *SELLA TURCICA/ *SKULL, radiography
572. Brzezinski J: The effect of atropine on the levels of adrenaline and noradrenaline changed by acute poisoning with dylston in rats. Pol J Pharmacol Pharm 25:611-5, Nov-Dec 73
ACETYLCHOLINE, metabolism/ ACUTE DISEASE/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *ATROPINE, pharmacodynamics/ CATECHOLAMINES, blood/ CATECHOLAMINES, urine/ DEPRESSION, CHEMICAL/ DISULFOTON, poisoning/ *EPINEPHRINE, metabolism/ *INSECTICIDES, ORGANOTHIOPHOSPHATE, poisoning/ LETHAL DOSE 50/ *NOREPINEPHRINE, metabolism/ POISONING, metabolism/ STIMULATION, CHEMICAL/ TIME FACTORS
573. Brzozowska-Jurkowska A, Gala W, Wagner T: Martwica błony maziowej stawu kolanowego-jako przyczyna silnych bólów. Opis przypadku. Reumatologia 12:153-7, 1974 (Pol)
ENGLISH ABSTRACT/ FEMALE/ GOUT, drug therapy/ HEART FAILURE, CONGESTIVE, pathology/ HUMAN/ HYDROCORTISONE, therapeutic use/ KNEE JOINT/ NECROSIS, chemically induced/ NECROSIS, complications/ *NECROSIS, pathology/ *PAIN, etiology/ PAIN, INTRACTABLE, etiology/ *SYNOVIAL MEMBRANE, pathology
574. Bubenik GA, Brown GM: Variation of nuclear size of neurons of the ventromedial nucleus in relation to spermatogenesis in the squirrel monkey (Saimiri sciureus). Experientia 30:378-9, 15 Apr 74
ANIMAL EXPERIMENTS/ BODY WEIGHT/ CASTRATION/ *CELL NUCLEUS, physiology/ CEREBRAL CORTEX, cytology/ COMPARATIVE STUDY/ ENDOMETRIUM, physiology/ ESTRADIOL, physiology/ FEMALE/ HIPPOCAMPUS, cytology/ *HYPOTHALAMUS, cytology/ MALE/ *NEURONS, cytology/ OVARY, surgery/ PROGESTERONE, physiology/ *SPERMATOGENESIS
575. Bucana CD, Nadakavukaren MJ, Frehn JL: Novel features of hamster pinealocyte ultrastructure. Tissue Cell 6:85-93, 1974
ANIMAL EXPERIMENTS/ GOLGI APPARATUS/ HAMSTERS/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *PINEAL BODY, cytology
576. Buchhorn E, Holzgreve H: Differentialdiagnose und Pharmakotherapie des Hochdrucks. Munch Med Wochenschr 116:623-8, 22 Mar 74 (Ger)
ALDOSTERONE, antagonists & inhibitors/ ARTERIOSCLEROSIS, diagnosis/ CORONARY DISEASE, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ DIURETICS, therapeutic use/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ GUANETHIDINE, therapeutic use/ HUMAN/ HYDRALAZINE, therapeutic use/ *HYPERTENSION, diagnosis/ HYPERTENSION, drug therapy/ METHYLDOPA, therapeutic use/ MIDDLE AGE/ RESERPINE, therapeutic use
577. Bucher O, Riedel B, Baechtold-Fowler N, et al: Juxtaglomerular cell granulation and renal cortical renin activity in normal and adrenalectomized guinea pigs. Nephron 12:178-87, 1974
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ FEMALE/ *JUXTAGLOMERULAR APPARATUS, cytology/ JUXTAGLOMERULAR APPARATUS, metabolism/ KIDNEY CORTEX, cytology/ *KIDNEY CORTEX, metabolism/ MALE/ MICROSCOPY, ELECTRON/ *RENIN, metabolism
578. Buchsbaum MS, Henkin RI, Christiansen RL: Age and sex differences in averaged evoked responses in a normal population, with observations on patients with gonadal dysgenesis. Electroencephalogr Clin Neurophysiol 37:137-44, Aug 74
ACOUSTIC STIMULATION/ AGE FACTORS/ CEPHALOMETRY/ *CEREBRAL CORTEX, physiology/ CEREBRAL CORTEX, physiopathology/ ELECTROENCEPHALOGRAPHY/ ESTROGENS, blood/ EVOKED POTENTIALS/ FEMALE/ FRONTAL BONE/ FSH, blood/ HUMAN/ LH, blood/ MALE/ OCCIPITAL BONE/ PHOTIC STIMULATION/ PROGESTERONE, blood/ SEX FACTORS/ TURNER'S SYNDROME, blood/ *TURNER'S SYNDROME, physiopathology
579. Buckingham J, Hodges JR: Proceedings: Corticosterone in the control of corticotrophin secretion in the rat. J Endocrinol 61:xxvixvii, Apr 74
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, pharmacodynamics/ CORTICOTROPIN, blood/ *CORTICOTROPIN, secretion/ MALE/ RATS/ STRESS
580. Buckingham J, Hodges JR: Proceedings: Pituitary adrenocorticotrophic activity after adrenalectomy and adrenal enucleation in the rat. N Engl J Med 291:lxvixvi, 11 Jun 74
*ADRENAL GLANDS, physiology/ *ADRENAL MEDULLA, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ *CORTICOTROPIN, blood/ MALE/ REGENERATION
581. Buckingham JC, Hodges JR: The redox bioassay technique for the direct assessment of pituitary adrenocorticotrophic activity in the rat. Clin Endocrinol (Oxf) 3:347-8, Jul 74
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ CORTICOSTERONE, blood/ *CORTICOTROPIN, analysis/ CORTICOTROPIN, blood/ MALE/ METHODS/ *PITUITARY GLAND, metabolism/ REGENERATION/ STRESS/ TIME FACTORS
582. Buckland RB, Blagrove K, Lague FC: Competitive protein-binding assay for corticoids in the peripheral plasma of the immature chicken. Poult Sci 53:241-5, Jan 74
*ADRENAL CORTEX HORMONES, blood/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ *CHICKENS, physiology/ COLD/ CORTICOSTERONE, blood/ CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, pharmacodynamics/ DEXAMETHASONE, administration & dosage/ DEXAMETHASONE, pharmacodynamics/ FEMALE/ GEL FILTRATION/ INJECTIONS, INTRAMUSCULAR/ MALE/ METHODS/

AUTHOR SECTION

- POULTRY DISEASES, physiopathology/
PROTEIN BINDING/ STRESS, physiopathology/
STRESS, veterinary/ TRANSCORTIN/ WATER
DEPRIVATION
583. Buckler JM: Letter: The levodopa test of growth hormone reserve in children.
Am J Dis Child 128:117, Jul 74
*DOPA, diagnostic use/ GROWTH DISORDERS, metabolism/ HUMAN/ *SOMATOTROPIN, metabolism
584. Buczowska-Szymańska A: Współistnienie chorób tarczycy z cukrzycą.
Pol Tyg Lek 29:831-3, 20 May 74 (Pol)
*DIABETES MELLITUS, complications/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
MALE/ SEX FACTORS/ *THYROID
DISEASES, complications/ TIME FACTORS
585. Buecher EJ, Yarwood E, Hansen EL: Effects of mitomycin C on sex of *Aphelenchus avenae* (Nematoda) in axenic culture.
Proc Soc Exp Biol Med 146:299-301, May 74
ANIMAL EXPERIMENTS/ LARVA, drug effects/ *MITOMYCIN, pharmacodynamics/
MORPHOGENESIS, drug effects/ *NEMATODA, embryology/ *SEX DETERMINATION/
TEMPERATURE/ VULVA, growth & development
586. Buening MK, Gibb JW: Influence of methamphetamine and neuroleptic drugs on tyrosine hydroxylase activity. Eur J Pharmacol 26:30-4, Apr 74
ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/
*CHLORPROMAZINE, pharmacodynamics/
CORPUS STRIATUM, enzymology/
*HALOPERIDOL, pharmacodynamics/ MALE/
METHAMPHETAMINE, pharmacodynamics/
*METHAMPHETAMINE, pharmacodynamics/
RATS/ TIME FACTORS/ *TYROSINE
HYDROXYLASE, antagonists & inhibitors
587. Bugajski J, Hano J, Wantuch C: Effect of serotonin and atropine on reserpine-induced gastric secretion in rats. Pol J Pharmacol Pharm 25:525-35, Nov-Dec 73
ANIMAL EXPERIMENTS/ *ATROPINE, pharmacodynamics/ BLOOD SUGAR, analysis/
CHOLINESTERASE, blood/ FEMALE/
GASTRIC ACIDITY DETERMINATION/
GASTRIC JUICE, enzymology/ *GASTRIC
JUICE, secretion/ MALE/ PEPsin, secretion/
*RESERPINE/ RESERPINE, administration & dosage/ SECRETORY RATE, drug effects/
*SEROTONIN, pharmacodynamics/ *STOMACH
ULCER, chemically induced/ TIME FACTORS
588. Bührdel P, Willgerodt H, Keller E, et al: Intrauterine dystrophy in rats due to placental insufficiency caused by hormonally induced prolonged gestation. Biol Neonate 24:57-65, 1974
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *CHLORMADINONE/ FEMALE/
FETAL DEATH/ *FETUS, growth & development/ GESTATIONAL AGE/
*NORETHINDRONE/ *PLACENTA DISORDERS, chemically induced/ PREGNANCY/
*PREGNANCY, PROLONGED/ RATS
589. Buitrago JA, Maner JH, Gallo JT, et al: Effect of dietary energy in gestation on reproductive performance of gilts. J Anim Sci 39:47-52, Jul 74
ANIMAL EXPERIMENTS/ ANIMAL FEED/
ANIMALS, NEWBORN/ BODY WEIGHT/
*DIET/ *ENERGY METABOLISM/ FEMALE/
HOUSING, ANIMAL/ LABOR/ LACTATION/
*PREGNANCY, ANIMAL/ *REPRODUCTION/
SWINE, metabolism/ *SWINE, physiology/
WEANING
590. Bukhanovich ID: Zminy v molochnykh zalozakh u zhinok plalla perenesenykh operatsiy z pryvodu kist tsalechnykh. Pediatr Akush Ginekoi 3:60-1, 1973 (Ukr)
ADULT/ *BREAST DISEASES, etiology/
FEMALE/ HUMAN/ MIDDLE AGE/
*OVARIAN CYSTS, surgery/
*POSTOPERATIVE COMPLICATIONS, etiology/
TIME FACTORS
591. Bulienko SD, Fogel PI, Karmilova VA: Izuchenie deystviya nekotorykh gormonal'nykh i fermentnykh preparatov pri prezhdvremennom preryvanii beremennosti, vyzvannoi vvedeniem geterologicheskogo platsentarnogo belka v eksperimente.
Akush Ginekoi (Mosk) 49:8-11, Nov 73 (Rus)
*ABORTION, INDUCED/ ANIMAL
EXPERIMENTS/ ANTIGENS,
HETEROGENETIC, isolation & purification/
CERULOPLASMIN, pharmacodynamics/
COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ ESTRONE, pharmacodynamics/
GONADOTROPINS, CHORIONIC,
pharmacodynamics/ HUMAN/
HYPERSENSITIVITY, IMMEDIATE/ MALE/
METHODS/ *PLACENTAL EXTRACTS,
administration & dosage/ PLACENTAL
EXTRACTS, pharmacodynamics/ PREGNANCY/
PROGESTERONE, pharmacodynamics/
*PROTEINS, administration & dosage/
PROTEINS, pharmacodynamics/ RABBITS
592. Bullock DW, Willen GF: Regulation of a specific uterine protein by estrogen and progesterone in ovariectomized rabbits.
Proc Soc Exp Biol Med 146:294-8, May 74
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ CASTRATION/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ *ESTRADIOL, pharmacodynamics/
FEMALE/ GEL FILTRATION/ LEUCINE,
metabolism/ OVARY/ *PROGESTERONE,
pharmacodynamics/ PROTEINS, metabolism/
RABBITS/ *UTERUS, metabolism
593. Bullock JL, Massey FM, Gambrell RD: Symptomatic endometriosis in teen-agers. A reappraisal. Obstet Gynecol 43:896-900, Jun 74
ADOLESCENCE/ ADULT/ AGE FACTORS/
CONTRACEPTIVES, ORAL, therapeutic use/
CULDOSCOPY/ DIAGNOSIS, DIFFERENTIAL/
DYSMENORRHEA, diagnosis/
DYSMENORRHEA, etiology/ ENDOMETRIOSIS,
complications/ ENDOMETRIOSIS, diagnosis/
ENDOMETRIOSIS, drug therapy/
*ENDOMETRIOSIS, occurrence/ FEMALE/
FLUOXYMESTERONE, therapeutic use/
HUMAN/ LAPAROSCOPY/
METHYLTESTOSTERONE, therapeutic use
594. Bullough V, Bullough B: Sexuality and the nurse. Imprint 21:17-8 passim, Feb 74
ATTITUDE OF HEALTH PERSONNEL/
NURSE-PATIENT RELATIONS/ SEX
BEHAVIOR/ SEX DIFFERENTIATION
DISORDERS/ SEX DISORDERS/ SPECIAL
LIST NURSING
595. Bureš H, Švejda J: Dentinsklovinná hranice v různých oblastech zubní korunky.
Česk Stomatol 74:161-6, May 74 (Cze)
CALCIUM, metabolism/ *DENTAL ENAMEL,
cytology/ DENTAL ENAMEL, metabolism/
*DENTIN, cytology/ DENTIN, metabolism/
ENGLISH ABSTRACT/ HUMAN/
MICROSCOPY, ELECTRON, SCANNING
596. Burgus R, Vale W, Rivier J, et al: Chemistry of hypothalamic releasing factors. Prog Brain Res 39:41-51, 1973 (37 ref.)
CHEMISTRY/ *HYPOTHALAMUS/ *LH-FSH
RELEASING HORMONE/ REVIEW/
STRUCTURE-ACTIVITY RELATIONSHIP/
*THYROTROPIN RELEASING HORMONE
597. Burich RL: The activity of lactate and malate dehydrogenases in the liver and testes of senescent C57BL-6 mice. J Gerontol 29:389-92, Jul 74
AGE FACTORS/ *AGING/ ANALYSIS OF
VARIANCE/ ANIMAL EXPERIMENTS/
BIOLOGICAL ASSAY/ BODY WEIGHT/
*LACTATE DEHYDROGENASE, metabolism/
*LIVER, metabolism/ *MALATE
DEHYDROGENASE, metabolism/ MALE/ MICE,
INBRED C57BL/ *TESTIS, enzymology
598. Buring K, Hulth AG, Nilsson BE, et al: Treatment of osteoporosis with vitamin D. Acta Med Scand 195:471-2, Jun 74

AUTHOR SECTION

- ALKALINE PHOSPHATASE, blood/ BONE AND BONES, drug effects/ CALCIUM, blood/ CALCIUM, therapeutic use/ ERGOCALCIFEROL, pharmacodynamics/ *ERGOCALCIFEROL, therapeutic use/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ OSTEOPOROSIS, blood/ *OSTEOPOROSIS, drug therapy/ PHOSPHORUS, blood
599. Burks TF, Jaquette DL, Grubb MN: Development of tolerance to the stimulatory effect of morphine in dog intestine. *Eur J Pharmacol* 25:302-7, Mar 74
ANIMAL EXPERIMENTS/ BETHANECHOL COMPOUNDS, pharmacodynamics/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG TOLERANCE/ DUODENUM, drug effects/ FEMALE/ GASTROINTESTINAL MOTILITY, drug effects/ ILEUM, drug effects/ IN VITRO/ INJECTIONS, INTRAVENOUS/ *INTESTINES, drug effects/ MALE/ MORPHINE, administration & dosage/ *MORPHINE, pharmacodynamics/ PERFUSION/ RECEPTORS, CHOLINERGIC, drug effects/ SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL
600. Burman D, Morris AF: Cord haemoglobin in low birthweight infants. *Arch Dis Child* 49:382-5, May 74
*BIRTH WEIGHT/ BLOOD/ FEMALE/ GESTATIONAL AGE/ *HEMOGLOBIN, analysis/ HUMAN/ *INFANT, NEWBORN/ MALE/ ORGAN WEIGHT/ PLACENTA/ PLACENTA DISORDERS/ RETROSPECTIVE STUDIES/ SEX FACTORS/ *UMBILICAL CORD
601. Burnette WN, Riggan CH, Mitchell WM: Physical and chemical properties of an oncornavirus associated with a murine adrenal carcinoma cell line. *J Virol* 14:110-5, Jul 74
ADRENAL GLAND NEOPLASMS/ ANIMAL EXPERIMENTS/ AVIAN LEUKOSIS VIRUS, analysis/ C-TYPE VIRUSES, analysis/ *CELL LINE/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MAMMARY CANCER VIRUS, analysis/ MICE, INBRED STRAINS/ MICROSCOPY, ELECTRON/ MOLONEY VIRUS, analysis/ MOUSE LEUKEMIA VIRUSES, analysis/ NUCLEIC ACID DENATURATION/ *ONCOGENIC VIRUSES/ ONCOGENIC VIRUSES, analysis/ REVERSE TRANSCRIPTASE, analysis/ RNA, VIRAL, analysis/ RNA VIRUSES, analysis/ SODIUM DODECYL SULFATE/ VIRAL PROTEINS, analysis
602. Burnham PA, Varon S: Biosynthetic activities of dorsal root ganglia in vitro and the influence of nerve growth factor. *Neurobiology* 4:57-70, 1974
ACTINOMYCIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CYCLOHEXIMIDE, pharmacodynamics/ *GANGLIA, SPINAL, metabolism/ IN VITRO/ LEUCINE, metabolism/ *NERVE GROWTH FACTOR, pharmacodynamics/ *NERVE TISSUE PROTEINS, biosynthesis/ *RNA, biosynthesis/ TIME FACTORS/ TRITIUM/ URIDINE, metabolism
603. Burns SJ: Clinical safety of dexamethasone in mares during pregnancy. *Equine Vet J* 5:91-3, Apr 73
ANIMAL EXPERIMENTS/ DEXAMETHASONE, administration & dosage/ DEXAMETHASONE, pharmacodynamics/ *DEXAMETHASONE, toxicity/ FEMALE/ *HORSES, physiology/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ LABOR, drug effects/ LABOR, INDUCED/ PREGNANCY/ *PREGNANCY, ANIMAL
604. Burton JA, Schanker LS: Absorption of corticosteroids from the rat lung. *Steroids* 23:617-24, May 74
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CATHETERIZATION/ COMPARATIVE STUDY/ *CORTISONE, metabolism/ *DEXAMETHASONE, metabolism/ HALF-LIFE/ *HYDROCORTISONE, metabolism/ KINETICS/ *LUNG, metabolism/ MALE/ TIME FACTORS/ TRACHEA/ TRITIUM
605. Busch C: Quantitative determination of pulmonary microembolism in the dog. Comparison of in vivo and in vitro methods. *Ups J Med Sci* 79:72-83, 1974
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *BLOOD PLATELETS, metabolism/ BONE AND BONES, metabolism/ COMPARATIVE STUDY/ FEMALE/ *FIBRINOGEN, metabolism/ IN VITRO/ IODINE RADIOISOTOPES/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ METHODS/ MICROCIRCULATION/ MUSCLES, metabolism/ PULMONARY EMBOLISM, chemically induced/ *PULMONARY EMBOLISM, metabolism/ SERUM ALBUMIN, metabolism/ SKIN, metabolism/ SPLEEN, metabolism/ TECHNETIUM/ THROMBIN
606. Busch DE, Barfield RJ: A failure of amygdaloid lesions to alter agonistic behavior in the laboratory rat. *Physiol Behav* 12:887-92, May 74
*AGGRESSION/ *AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ ANIMALS, LABORATORY/ *BEHAVIOR, ANIMAL/ ENVIRONMENT/ HOME RANGE/ MALE/ RESEARCH DESIGN/ SEX FACTORS/ SOCIAL BEHAVIOR/ SPECIES SPECIFICITY/ STEREOTAXIC TECHNIQS
607. Busch W: Das fetale Risiko bei chronischer nutritiver Placentainsuffizienz unterschiedlicher Pathogenese. *Arch Gynaekol* 216:167-74, 12 Mar 74 (Ger)
BIRTH WEIGHT/ BODY HEIGHT/ ENGLISH ABSTRACT/ FEMALE/ *FETAL DEATH/ *FETAL DISEASES, etiology/ HUMAN/ INFANT, NEWBORN/ LABOR, PREMATURE/ PLACENTA, blood supply/ PLACENTA DISORDERS, classification/ PLACENTA DISORDERS, complications/ *PLACENTA DISORDERS, pathology/ PREGNANCY/ REGIONAL BLOOD FLOW
608. Busch W, Stück B: Ist die "Endangitis obliterans placentae" infektiös-entzündlicher Genese. *Z Geburtshilfe Perinatol* 178:30-3, Feb 74 (Ger)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ FETAL MEMBRANES, pathology/ GEL DIFFUSION TESTS/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ INFANT, NEWBORN/ *INFANT, PREMATURE/ INFLAMMATION, complications/ PLACENTA, blood supply/ *PLACENTA DISORDERS, etiology/ PLACENTA DISORDERS, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS, complications/ UMBILICAL CORD
609. Bushnell DE, Yager JD Jr, Becker JE, et al: Inhibition of messenger RNA accumulation but not translation in ultraviolet irradiated hepatoma cells. *Biochem Biophys Res Commun* 57:949-56, 8 Apr 74
CELL LINE/ DACTINOMYCIN, pharmacodynamics/ DNA, NEOPLASM, biosynthesis/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ ENZYME INDUCTION/ *HEPATOMA, metabolism/ HYDROCORTISONE, pharmacodynamics/ INSULIN, pharmacodynamics/ LEUCINE, metabolism/ NEOPLASM PROTEINS, biosynthesis/ NEOPLASMS, EXPERIMENTAL, metabolism/ RADIATION EFFECTS/ RATS/ RNA, MESSENGER, biosynthesis/ *RNA, MESSENGER, metabolism/ RNA, NEOPLASM, biosynthesis/ *RNA, NEOPLASM, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ THYMIDINE/ TIME FACTORS/ TRANSCRIPTION, GENETIC, radiation effects/ *TRANSLATION, GENETIC, radiation effects/ TRITIUM/ TYROSINE AMINOTRANSFERASE, biosynthesis/ *ULTRAVIOLET RAYS/ URIDINE, metabolism
610. Busnardo B, Girelli ME, Varotto L, et al: Computer analysis of early thyroxine distribution in thyrotoxicosis and hypothyroidism. *Horm Metab Res* 6:202-7, May 74
*COMPUTERS, DIGITAL/ EXTRACELLULAR

AUTHOR SECTION

- SPACE, metabolism/ HUMAN/
*HYPERTHYROIDISM, metabolism/
*HYPOTHYROIDISM, metabolism/
INJECTIONS, INTRAVENOUS/ IODINE
RADIOISOTOPES/ LIVER, metabolism/
*MODELS, BIOLOGICAL/ THIGH, metabolism/
THYROXINE, administration & dosage/
THYROXINE, blood/ *THYROXINE,
metabolism
611. Bussien R: Granulocytopenie aiguë après
administration simultanée de gentamicine et
diazépam. *Nouv Presse Med* 3:1236, 11 May 74 (Fre)
ADRENAL CORTEX HORMONES, therapeutic
use/ AGRANULOCYTOSIS, diagnosis/
AGRANULOCYTOSIS, drug therapy/
*AGRANULOCYTOSIS, etiology/ BLOOD CELL
COUNT/ *DIAZEPAM, adverse effects/ DRUG
SYNERGISM/ FEMALE/ *GENTAMICIN,
adverse effects/ HEMAGGLUTINATION
TESTS/ HUMAN
612. Buster JE, Abraham GE, Kyle FW, et al: Serum steroid
levels following a large intravenous dose of a steroid
sulfate precursor during the second trimester of
human pregnancy. I. Dehydroepiandrosterone
sulfate. *J Clin Endocrinol Metab* 38:1031-7, Jun 74
ADOLESCENCE/ ADULT/
*DEHYDROEPIANDROSTERONE, blood/
ESTRADIOL, blood/ ESTRIOL, blood/
ESTRONE, blood/ FEMALE/ FETAL DEATH/
HALF-LIFE/ HUMAN/ PLACENTA/
PREGNANCY/ RADIOIMMUNOASSAY/
SULFATES, blood
613. Buster JE, Abraham GE, Kyle FW, et al: Serum steroid
levels following a large intravenous dose of a steroid
sulfate precursor during the second trimester of
human pregnancy. II. Pregnenolone sulfate.
J Clin Endocrinol Metab 38:1038-45, Jun 74
ADOLESCENCE/ ADULT/ ESTRADIOL, blood/
ESTRIOL, blood/ FEMALE/ FETAL DEATH/
HALF-LIFE/ HUMAN/
HYDROXYPREGNENOLONE, blood/
HYDROXYPROGESTERONE, blood/
PLACENTA/ PREGNANCY/
PREGNENOLONE, blood/ PROGESTERONE,
blood/ RADIOIMMUNOASSAY/ SULFATES,
blood
614. Butcher RL, Collins WE, Fugo NW: Plasma
concentration of LH, FSH, prolactin, progesterone
and estradiol-17beta throughout the 4-day estrous
cycle of the rat. *Endocrinology* 94:1704-8, Jun 74
ANIMAL EXPERIMENTS/ CROSS
REACTIONS/ *ESTRADIOL, blood/ ESTRIOL/
ESTRONE/ *ESTRUS/ FEMALE/ *FSH, blood/
GEL FILTRATION/ *LH, blood/
*PROGESTERONE, blood/ *PROLACTIN,
blood/ RADIOIMMUNOASSAY/ RATS/
TRITIUM
615. Butler EJ, Curtis MJ: The effects of *Escherichia coli*
endotoxin and ACTH on the plasma zinc
concentration in the domestic fowl.
Res Vet Sci 15:363-7, Nov 73
ANALYSIS OF VARIANCE/ ANIMAL
EXPERIMENTS/ *CHICKENS/ CIRCADIAN
RHYTHM/ *CORTICOTROPIN,
pharmacodynamics/ CORTICOTROPIN,
physiology/ DEPRESSION, CHEMICAL/
DOSE-RESPONSE RELATIONSHIP, DRUG/
ENDOTOXINS, administration & dosage/
*ENDOTOXINS, pharmacodynamics/
*ESCHERICHIA COLI/ FEMALE/ GERM-FREE
LIFE/ INJECTIONS, INTRAVENOUS/ MALE/
SPECTROPHOTOMETRY, ATOMIC
ABSORPTION/ TIME FACTORS/ *ZINC, blood
616. Butov IuS, Kulagin VI, Borisenko KK, et al: Lechenie
aérozollami pol'skogo proizvodstva bol'nykh
nekotorymi dermatozami.
Vestn Dermatol Venerol 48:75-8, May 74 (Rus)
*AEROSOLS, adverse effects/ COMPARATIVE
STUDY/ DEXAMETHASONE, therapeutic use/
DRUG COMBINATIONS/ FEMALE/ HUMAN/
HYPERSENSITIVITY, drug therapy/ MALE/
NEOMYCIN, therapeutic use/ POLAND/
QUINOLINES, therapeutic use/ *SKIN
- DISEASES, drug therapy/ TRIAMCINOLONE
ACETONIDE, therapeutic use
617. Butt AA, Collier HO, Gardiner FJ, et al: Proceedings:
Effects on prostaglandin biosynthesis of drugs
affecting gastrointestinal function. *Gut* 15:344, Apr 74
ACETAMINOPHEN, pharmacodynamics/
ANIMAL EXPERIMENTS/ *ASPIRIN,
pharmacodynamics/ *COLCHICINE,
pharmacodynamics/ DEXAMETHASONE,
pharmacodynamics/ *GASTROINTESTINAL
SYSTEM, drug effects/ GASTROINTESTINAL
SYSTEM, metabolism/ MALE/
PROMETHAZINE, pharmacodynamics/
*PROSTAGLANDINS, biosynthesis/
QUINOLINES, pharmacodynamics/
*SALICYLAZOSULFAPYRIDINE,
pharmacodynamics
618. Butt WR, Lynch SS, Shirley A: Proceedings: the
production of antisera of high specificity to follicle
stimulating hormone. *N Engl J Med* 291:xlii, 11 Jun 74
ANIMAL EXPERIMENTS/ *ANTIBODY
SPECIFICITY/ *FSH/ *IMMUNE SERUMS/
RABBITS, immunology
619. Buttini C, Salani G, Buscioni Francalanci G:
Considerazioni su alcuni casi di neoplasia timica a
decorso benigno.
Arch Chir Torac Cardiovasc 30:51-83, Jan-Jun 73 (Ita)
AGED/ BRONCHOSCOPY/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ MALE/
MIDDLE AGE/ THORACIC RADIOGRAPHY/
THYMOMA, diagnosis/ THYMOMA, surgery/
*THYMUS NEOPLASMS/ THYMUS
NEOPLASMS, classification/ THYMUS
NEOPLASMS, diagnosis/ THYMUS
NEOPLASMS, surgery
620. Butts JA, Rabalais FC: Successful jird-to-jird transfer
of juvenile *Brugia pahangi*. *J Parasitol* 60:436, Jun 74
ANIMAL EXPERIMENTS/ FEMALE/
FILARIASIS, etiology/ *FILARIOIDEA/
*GERBILS/ INJECTIONS, INTRAPERITONEAL/
INTESTINES/ LARVA/ MALE/ TESTIS
621. Buyse FG, Wormgoor BH, Bernard JT, et al:
Anticoagulant therapy of patients with repeated
placental infarction. *Obstet Gynecol* 43:844-8, Jun 74
ADULT/ *ANTICOAGULANTS,
therapeutic use/ ESTRIOL, metabolism/
FEMALE/ FETAL DEATH, etiology/ FETAL
DISEASES, etiology/ HEPARIN, therapeutic
use/ HUMAN/ *INFARCTION/ OXYTOCINASE,
metabolism/ *PLACENTA, blood supply/
PLACENTA, metabolism/ *PLACENTA
DISORDERS, drug therapy/ PLACENTA
DISORDERS, metabolism/ PREGNANCY/
RECURRENCE
622. Bygdeman M, Topposada M, Wikqvist N: The role of
prostaglandin in fertility regulation.
Pol J Pharmacol Pharm 26:205-6, Jan-Apr 74
ABORTION, INDUCED/ ADMINISTRATION,
TOPICAL/ AMNION/ DIARRHEA, etiology/
FEMALE/ *FERTILITY, drug effects/
HUMAN/ PROSTAGLANDINS, administration
& dosage/ PROSTAGLANDINS,
adverse effects/ *PROSTAGLANDINS,
pharmacodynamics/ PROSTAGLANDINS,
therapeutic use/ UTERUS/ VOMITING,
etiology
623. Bygdeman S, Tangen O: Studies on the antithrombotic
effect of dextran effect on platelet
5-hydroxytryptamine and adenine nucleotides.
Bibl Anat 12:333-9, 1973
*ADENINE NUCLEOTIDES, blood/
ADENOSINE DIPHOSPHATE, blood/
ADENOSINE TRIPHOSPHATE, blood/ ADULT/
BLOOD CELL COUNT/ *BLOOD PLATELETS,
drug effects/ BLOOD PLATELETS,
metabolism/ CENTRIFUGATION/ CHROMIUM
RADIOISOTOPES/ *DEXTRAN,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ EDTA/
*FIBRINOLYTIC AGENTS, pharmacodynamics/
HUMAN/ MALE/ *SEROTONIN, blood/
*THROMBOSIS, blood/ THROMBOSIS,
prevention & control

AUTHOR SECTION

624. Byrom FB: The evolution of acute hypertensive arterial disease.
Prog Cardiovasc Dis 17:31-7, Jul-Aug 74 (29 ref.)
AMINES, adverse effects/ ANIMAL EXPERIMENTS/ *ARTERIES, pathology/ BRAIN DISEASES, etiology/ BRAIN EDEMA, etiology/ CEREBROVASCULAR CIRCULATION/ DILATATION/ EDEMA, etiology/ ENDARTERITIS, etiology/ HUMAN/ *HYPERTENSION, pathology/ *HYPERTENSION, RENAL, pathology/ MALE/ PEPTIDES, adverse effects/ PERFUSION/ REGIONAL BLOOD FLOW/ RENAL ARTERY, pathology/ RENAL ARTERY OBSTRUCTION, pathology/ RENIN, adverse effects/ RETINAL DISEASES, etiology/ REVIEW/ STRESS, MECHANICAL/ VASCULAR DISEASES, chemically induced
- C
625. Cabanela ME, Jowsey J: Effect of ethane-1-hydroxy-1, 1-diphosphonate on bone turnover in adult dogs.
Clin Orthop 100:384-9, May 74
ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BONE AND BONES, enzymology/ BONE AND BONES, metabolism/ *BONE DEVELOPMENT, drug effects/ *BONE RESORPTION, drug effects/ CALCIUM, blood/ CALCIUM RADIOISOTOPES/ CRYSTALLIZATION/ *ETHANE, pharmacodynamics/ HYDROXYAPATITE/ HYPERPLASIA, chemically induced/ OSTEOLASTS, drug effects/ OSTEOLASTS, enzymology/ PHOSPHATES, blood/ *PHOSPHONIC ACIDS, pharmacodynamics/ STIMULATION, CHEMICAL
626. Cabral JR, Testa MC, Terracini B: Mancanza di effetti a lungo termine della somministrazione dell'insetticida eptaclor a ratte lattanti.
Tumori 58:49-53, Jan-Feb 72 (Ita)
ADMINISTRATION, ORAL/ ADRENAL GLAND NEOPLASMS, chemically induced/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *CARCINOGENS/ ENGLISH ABSTRACT/ FEMALE/ *HEPTACHLOR, toxicity/ LETHAL DOSE 50/ MALE/ PITUITARY NEOPLASMS, chemically induced/ THYROID NEOPLASMS, chemically induced/ TIME FACTORS/ WEANING
627. Cacciari E, Cicognani A, Pirazzoli P, et al: Rapporti fra secrezione di ACTH, GH e cortisolo durante il test dell'ipoglicemia da insulina nel bambino normale ed obeso.
Minerva Pediatr 26:401-8, 10 Mar 74 (Ita)
ADRENAL GLANDS, metabolism/ BLOOD SUGAR/ *BLOOD SUGAR, analysis/ CHILD/ *CORTICOTROPIN, secretion/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROCORTISONE, secretion/ *INSULIN, diagnostic use/ MALE/ *OBESITY, blood/ OBESITY, diagnosis/ *SOMATOTROPIN, secretion
628. Cacciari E, Cicognani A, Tassoni P, et al: Plasma testosterone and estradiol concentration in prepubertal boys with cryptorchidism before and after dexamethasone and after human chorionic gonadotropin administration.
Helv Paediatr Acta 29:27-34, Apr 74
*CRYPTORCHISM, blood/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, pharmacodynamics/ *ESTRADIOL, blood/ GONADOTROPINS, CHORIONIC, administration & dosage/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ MALE/ PUBERTY/ RADIOIMMUNOASSAY/ STIMULATION, CHEMICAL/ TESTIS, abnormalities/ *TESTOSTERONE, blood
629. Cacciari E, Cicognani A, Pirazzoli P, et al: GH and ACTH secretion in insulin-induced hypoglycemia in normal children.
Folia Endocrinol (Roma) 27:247-58, Jun 74
CHILD/ *CORTICOTROPIN, secretion/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ HYPOGLYCEMIA, chemically induced/ *HYPOGLYCEMIA, physiopathology/ INSULIN/ MALE/ *PITUITARY GLAND, physiopathology/ *SOMATOTROPIN, secretion
630. Cademartori MS: Fistula liquórica nasal espontánea, sela vazia e restos de adenoma hipofisário.
Arq Neuropsiquiatr 32:67-70, Mar 74 (Por)
*ADENOMA, CHROMOPHOBE, complications/ ADENOMA, CHROMOPHOBE, pathology/ ADULT/ CASE REPORT/ *CEREBROSPINAL RHINORRHEA, etiology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *FISTULA, etiology/ HUMAN/ PITUITARY GLAND, pathology/ *PITUITARY NEOPLASMS, complications/ PITUITARY NEOPLASMS, pathology/ *SELLA TURCICA, pathology
631. Caffyn ZE: The identification of gold in the brain of the mouse following gold-thiogluconate administration.
J Neurol Sci 22:51-64, May 74
ANIMAL EXPERIMENTS/ AUROTHIOGLUCOSE, metabolism/ *BRAIN, metabolism/ BRAIN CHEMISTRY/ CEREBRAL VENTRICLES, metabolism/ COMPARATIVE STUDY/ *ENCEPHALITIS, chemically induced/ ENCEPHALITIS, metabolism/ *GOLD, metabolism/ *HISTOCYTOCHEMISTRY/ HYDROGEN PEROXIDE/ HYPOTHALAMUS, metabolism/ MACROPHAGES, metabolism/ MALE/ METHODS/ MICE/ MICROSCOPY, ELECTRON/ THALAMIC NUCLEI, metabolism/ TIME FACTORS
632. Calabresi E, Passagli M, Fiorelli G, et al: Determination of progesterone in human plasma by radioimmunoassay.
J Nucl Biol Med 18:30-7, Jan-Mar 74
FEMALE/ HUMAN/ MALE/ MENSTRUATION/ METHODS/ *PROGESTERONE, blood/ *RADIOIMMUNOASSAY
633. Călcăianu G, Badiu G, Cardas M: Rubinstein-Taybi syndrome with complex motor deficits.
Rev Roum Neurol Psychiatr 11:77-80, 1974
*ABNORMALITIES, MULTIPLE, diagnosis/ BONE AND BONES, radiography/ CHILD, PRESCHOOL/ DERMATOGLYPHICS/ ELECTROENCEPHALOGRAPHY/ FEEDING BEHAVIOR/ HUMAN/ KARYOTYPING/ LANGUAGE/ MALE/ *MENTAL RETARDATION, diagnosis/ MOVEMENT/ MOVEMENT DISORDERS, etiology/ RUBINSTEIN-TAYBI SYNDROME, complications/ RUBINSTEIN-TAYBI SYNDROME, diagnosis/ THUMB, abnormalities/ TOES, abnormalities
634. Calder AA, Bonnar J, Sheppard B, et al: Letter: Prostaglandins and pre-eclampsia.
Lancet 2:49, 6 Jul 74
APGAR SCORE/ BIRTH WEIGHT/ BLOOD VESSELS, drug effects/ CLINICAL RESEARCH/ FEMALE/ HUMAN/ INFUSIONS, PARENTERAL/ *LABOR, INDUCED/ OXYTOCIN, administration & dosage/ *PREGNANCY TOXEMIAS/ PROSTAGLANDINS, administration & dosage/ PROSTAGLANDINS, adverse effects/ *PROSTAGLANDINS, pharmacodynamics/ UTERUS, blood supply
635. Calissano P, Cozzari C: Interaction of nerve growth factor with the mouse-brain neurotubule protein(s).
Proc Natl Acad Sci USA 71:2131-5, May 74
ACETIC ACIDS/ ANIMAL EXPERIMENTS/ BARIUM/ CALCIUM/ COLCHICINE/ ELECTROPHORESIS/ ETHYLENE/ GLYCOLS/ GUANOSINE TRIPHOSPHATE/ IODINE RADIOISOTOPES/ MAGNESIUM/ *MICROTUBULES/ *NERVE GROWTH FACTOR/ NERVE TISSUE PROTEINS/ PROTEIN BINDING/ SODIUM DODECYL SULFATE/ STRONTIUM/ TRITIUM/ VINBLASTINE
636. Camanni F, Massara F: Letter: Enhancement of levodopa-induced growth-hormone stimulation by propranolol. Lancet 1:942, 11 May 74
*DOPA, pharmacodynamics/ DOPA, therapeutic use/ DRUG SYNERGISM/ DRUG THERAPY,

AUTHOR SECTION

- COMBINATION/ HUMAN/ PARKINSONISM, drug therapy/ PROPRANOLOL, administration & dosage/ *PROPRANOLOL, pharmacodynamics/ PROPRANOLOL, therapeutic use/ *SOMATOTROPIN, blood/ SOMATOTROPIN, secretion
637. Camargo EE: Provas funcionais da tiróide com radiolodo (131-I): valores normais na Baixada Santista. Rev Assoc Med Bras 20:85-6, Feb 74 (Por)
COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ *IODINE, metabolism/ *IODINE ISOTOPES, DIAGNOSTIC/ MALE/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS/ THYROXINE-BINDING PROTEIN, analysis
638. Cameron SJ, Grant IW, Crompton GK: Cyclophosphamide in disseminated bronchial carcinoma. Scott Med J 19:81-6, Mar 74
ADENOCARCINOMA, drug therapy/ ALOPECIA, chemically induced/ *BRONCHIAL NEOPLASMS, drug therapy/ CARCINOMA, BRONCHOGENIC, drug therapy/ CARCINOMA, EPIDERMOID, drug therapy/ CARCINOMA, OAT CELL, drug therapy/ CYCLOPHOSPHAMIDE, administration & dosage/ CYCLOPHOSPHAMIDE, adverse effects/ *CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ HEMODYNAMICS/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE
639. Campagnoli C: Sterilità endocrina. Diagnosi e trattamento. Minerva Ginecol 26:159-65, Mar 74 (Ita)
FEMALE/ GONADOTROPINS, CHORIONIC, biosynthesis/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ HYPOTHALAMO-HYPOPHYSAL SYSTEM, metabolism/ MENOTROPINS, therapeutic use/ PROGESTERONE, biosynthesis/ *STERILITY, FEMALE, diagnosis/ STERILITY, FEMALE, drug therapy
640. Campailla E, Martinelli B: Parastremmatic dwarfism. Acta Univ Carol [Med Monogr] (Praha) 56:97-9, 1973
*ABNORMALITIES, MULTIPLE/ ADULT/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM, complications/ DWARFISM, diagnosis/ FEMALE/ FEMUR HEAD, radiography/ FOOT, radiography/ HAND, radiography/ HUMAN/ KNEE, radiography/ PELVIS, radiography/ SKULL, radiography/ THORACIC RADIOGRAPHY
641. Campana FP, De Antoni E, Cordone MN, et al: Tireolinfoadenografia e scintigrafia tiroidea. Correlazioni diagnostiche. Minerva Chir 29:335-48, 31 Mar 74 (Ita)
ADENOMA, radiography/ CATHETERIZATION/ COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ EVALUATION STUDIES/ GOITER, NODULAR, diagnosis/ GOITER, NODULAR, radiography/ HUMAN/ HYPERTHYROIDISM, radiography/ *LYMPHOGRAPHY/ METHODS/ *RADIOISOTOPE SCANNING/ SYNDROME/ TELEVISION/ *THYROID DISEASES, diagnosis/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, radiography
642. Campbell IW, Ewing DJ, Clarke BF, et al: Testicular pain sensation in diabetic autonomic neuropathy. Br Med J 2:638-9, 22 Jun 74
ACHILLES TENDON, innervation/ *AUTONOMIC NERVOUS SYSTEM/ BLOOD PRESSURE/ *DIABETIC NEUROPATHIES, diagnosis/ HAND, physiotherapy/ HUMAN/ HYPOTENSION, ORTHOSTATIC, diagnosis/ IMPOTENCE, etiology/ MALE/ MUSCLE CONTRACTION/ PRESSURE/ *REFLEX/ *TESTIS, innervation/ VALSALVA'S MANEUVER
643. Campobasso O, Invernizzi B, Musso M, et al: Survival rates of lung cancer according to histological type. Br J Cancer 29:240-6, Mar 74
ADENOCARCINOMA, mortality/ CARCINOMA, mortality/ CARCINOMA, BRONCHOGENIC, mortality/ CARCINOMA, EPIDERMOID, mortality/ CARCINOMA, OAT CELL, mortality/ FOLLOW-UP STUDIES/ HUMAN/ ITALY/ *LUNG NEOPLASMS, mortality/ LUNG NEOPLASMS, pathology/ LYMPHATIC METASTASIS/ NEOPLASM METASTASIS/ PROGNOSIS
644. Campos C, Ladizesky M, Mautalen C: Effect of Solanum malacoxylon on the serum levels of calcium and phosphate in thyroparathyroidectomized and rachitic rats. Calcif Tissue Res 13:245-8, 23 Oct 73
ANIMAL EXPERIMENTS/ *CALCIUM, blood/ *PARATHYROID GLANDS, physiology/ *PHOSPHATES, blood/ *PLANT POISONING, blood/ PLANT POISONING, complications/ *RICKETS, blood/ RICKETS, complications/ *THYROID GLAND, physiology
645. Campos Marques A: Una pequeña aportación a la endodoncia: los corticosteroides. Rev Esp Estomatol 22:117-22, Mar-Apr 74 (Espa)
ADRENAL CORTEX HORMONES, therapeutic use/ OSTEITIS, drug therapy/ ROOT CANAL THERAPY/ SPECIAL LIST DENTAL
646. Canales ES, Zárate A, Garrido J, et al: Study on the recovery of pituitary function during puerperium using synthetic LRH. J Clin Endocrinol Metab 38:1140-2, Jun 74
ADOLESCENCE/ ADULT/ COMPARATIVE STUDY/ FEMALE/ *FSH, blood/ HUMAN/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ MENSTRUATION/ PITUITARY GLAND, physiology/ *PUERPERIUM/ RADIOIMMUNOASSAY/ TIME FACTORS
647. Caniggia A, Gennari C: Confronto fra istologia e cinetica del radiocalcio nel morbo di Paget. Boll Soc Ital Biol Sper 49:738-40, 30 Jul 73 (Ita)
BIOPSY/ *BONE AND BONES, metabolism/ BONE AND BONES, pathology/ *CALCIUM RADIOISOTOPES, analysis/ HUMAN/ OSTEITIS DEFORMANS, metabolism/ *OSTEITIS DEFORMANS, pathology
648. Cann JR, Kegeles G: Theory of sedimentation for kinetically controlled dimerization reactions. Biochemistry 13:1868-74, 23 Apr 74
BINDING SITES/ CALCIUM, metabolism/ *HEMOXYANIN, metabolism/ KINETICS/ LOBSTERS/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ MOLECULAR WEIGHT/ PROTEIN BINDING/ *PROTEINS/ *ULTRACENTRIFUGATION
649. Cantu JM, Hernandez A, Larracilla J, et al: A new X-linked recessive disorder with dwarfism, cerebral atrophy, and generalized keratosis follicularis. J Pediatr 84:564-7, Apr 74
ABNORMALITIES, MULTIPLE/ *BRAIN DISEASES, congenital/ *DWARFISM, congenital/ HUMAN/ *KERATOSIS, congenital/ MALE/ SEX CHROMOSOME ABNORMALITIES, familial & genetic/ SYNDROME
650. Caplan RH, Virata RL: Functional black adenoma of the adrenal cortex. A rare cause of primary aldosteronism. Am J Clin Pathol 62:97-103, Jul 74
*ADENOMA, complications/ ADENOMA, pathology/ ADENOMA, surgery/ *ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, pathology/ ADRENAL GLAND NEOPLASMS, surgery/ CASE REPORT/ CELLULAR INCLUSIONS/ DEXAMETHASONE, therapeutic use/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYPERALDOSTERONISM, etiology/ HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ HYPOKALEMIA, etiology/ LYSOSOMES/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ PIGMENTS/ SPIRONOLACTONE, therapeutic use/ STAINS AND STAINING
651. Capon A, Noterman J, Demarteau M: Action of levorenline and papaverine on the local cerebral blood flow after chronic sylvian artery obstruction in the

AUTHOR SECTION

- cat. Preliminary report.
Acta Neurol Belg 73:384-8, Nov-Dec 73 (Ger)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/
BRAIN, blood supply/ CEREBRAL ARTERIES,
physiopathology/ *CEREBROVASCULAR
CIRCULATION, drug effects/ DISEASE
MODELS, ANIMAL/
ELECTROENCEPHALOGRAPHY/
ENCEPHALOMALACIA, pathology/
*ENCEPHALOMALACIA, physiopathology/
ENGLISH ABSTRACT/ HEMIPLEGIA,
physiopathology/ LATERALITY/
*PAPAVERINE, pharmacodynamics/ REGIONAL
BLOOD FLOW/ *RENIN, pharmacodynamics/
RESPIRATION/ THERMOGRAPHY
652. Caquet R, Festal G, Deslignères S, et al: Polymyosite à forme myasthénique, thymome, dégénérescence musculaire lisse.
Nouv Presse Med 3:743-6, 23 Mar 74 (Fre)
BIOPSY/ BLOOD CELL COUNT/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ MUSCLE,
SMOOTH/ *MUSCULAR ATROPHY,
complications/ MUSCULAR ATROPHY,
diagnosis/ *MYOSITIS, complications/
MYOSITIS, diagnosis/ NEOSTIGMINE,
therapeutic use/ *THYMOMA, complications/
*THYMUS NEOPLASMS, complications/
THYMUS NEOPLASMS, diagnosis/ THYMUS
NEOPLASMS, pathology
653. Carandente F: Adrenergic receptors and insulin secretion. Acta Diabetol Lat 10:1087-99, Sep-Oct 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ADENYL CYCLASE, metabolism/
ANIMAL EXPERIMENTS/
CATECHOLAMINES, pharmacodynamics/
EPINEPHRINE, pharmacodynamics/ GLUCOSE,
metabolism/ HUMAN/ INSULIN, biosynthesis/
*INSULIN, secretion/ ISLANDS OF
LANGERHANS, drug effects/ ISLANDS OF
LANGERHANS, metabolism/ ISOPROTERENOL,
pharmacodynamics/ NOREPINEPHRINE,
pharmacodynamics/ *RECEPTORS,
ADRENERGIC, drug effects
654. Cardinali DP: Melatonin and the endocrine role of the pineal organ. Curr Top Exp Endocrinol 2:107-28, 1974
ADRENAL GLANDS, physiology/ ANIMAL
EXPERIMENTS/ ESTROGENS, physiology/
FROGS/ GONADS, physiology/ HUMAN/
HYPOTHALAMO-HYPOPHYSAL SYSTEM,
physiology/ LIGHT/ MELATONIN/
MELATONIN, biosynthesis/ MELATONIN,
metabolism/ *MELATONIN, physiology/
NEURAL TRANSMISSION/ OVULATION/
*PINEAL BODY, physiology/ PINEAL BODY,
secretion/ PITUITARY GLAND, secretion/
RETINA, metabolism/ TESTOSTERONE,
physiology/ THYROID GLAND, physiology/
VISUAL PATHWAYS, physiology
655. Cardinali DP, Nagle CA, Rosner JM: Metabolic fate of androgens in the pineal organ: uptake binding to cytoplasmic proteins and conversion of testosterone into 5alpha-reduced metabolites.
Endocrinology 95:179-87, Jul 74
AMIDES, pharmacodynamics/ ANDROSTANES,
metabolism/ ANDROSTENEDIONE, metabolism/
ANIMAL EXPERIMENTS/ CASTRATION/
CEREBRAL CORTEX, metabolism/
CORTICOSTERONE, pharmacodynamics/
CULTURE MEDIA/ CYTOPLASM, metabolism/
ESTRADIOL, metabolism/ HYDROCORTISONE,
pharmacodynamics/ IODOACETATES,
pharmacodynamics/ KINETICS/ MALE/
MUSCLES, metabolism/ *PINEAL BODY,
metabolism/ PROGESTERONE,
pharmacodynamics/ PROSTATE, metabolism/
PROTEIN BINDING, drug effects/
RIBONUCLEASE, pharmacodynamics/
*TESTOSTERONE, metabolism/ TRITIUM/
TRYPSIN, pharmacodynamics
656. Carey RJ, Goodall EB, Procopio GF: Differential effects of d-amphetamine on fixed ratio 30 performance maintained by food versus brain stimulation reinforcement.
Pharmacol Biochem Behav 2:193-8, Mar-Apr 74
ANIMAL EXPERIMENTS/ APPETITIVE
BEHAVIOR, drug effects/ BRAIN/
COMPARATIVE STUDY/ DEXTRO
AMPHETAMINE, administration & dosage/
*DEXTRO AMPHETAMINE, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
ELECTRODES, IMPLANTED/ FOOD/ FOOD
DEPRIVATION/ HYPOTHALAMUS, physiology/
MALE/ RATS/ *REINFORCEMENT
(PSYCHOLOGY)/ REINFORCEMENT
SCHEDULE/ *SELF STIMULATION/
STEREOTAXIC TECHNIQS
657. Carey RJ, Procopio G: Differential effects of septal, preoptic, and habenula ablations on thirst-motivated behaviors in rats.
J Comp Physiol Psychol 86:1163-72, Jun 74
ANIMAL EXPERIMENTS/ COMPARATIVE
STUDY/ CONDITIONING, OPERANT/ ESCAPE
REACTION/ FOOD DEPRIVATION/
HOSTILITY/ MALE/ OPTIC CHIASM,
metabolism/ *OPTIC CHIASM, physiology/
PINEAL BODY, metabolism/ *PINEAL BODY,
physiology/ QUININE, metabolism/
REINFORCEMENT (PSYCHOLOGY)/ SEPTUM
PELLUCIDUM, metabolism/ *SEPTUM
PELLUCIDUM, physiology/ *THIRST/ TIME
FACTORS/ VOCALIZATION, ANIMAL/
WATER DEPRIVATION
658. Cargile NL, McChesney JD: Microbiological sterol conversions: utilization of selected mutants.
Appl Microbiol 27:991-4, May 74
BACTERIOLOGICAL TECHNIQS/
BIOTRANSFORMATION/ CARBENICILLIN/
CHEMISTRY/ CHOLESTEROL, metabolism/
CULTURE MEDIA/ *ENTEROBACTERIACEAE,
metabolism/ MUTAGENS/ *MUTATION/
NITROSOGUANIDINES/ *PSEUDOMONAS,
metabolism/ SPECIES SPECIFICITY/
STEROIDS, biosynthesis/ *STEROLS,
metabolism/ TEMPERATURE
659. Carlisle EM: Proceedings: Silicon as an essential element. Fed Proc 33:1758-66, Jun 74
AGING/ ANIMAL EXPERIMENTS/ BONE
DEVELOPMENT/ CALCIFICATION,
PHYSIOLOGIC/ CALCIUM, DIETARY/
CHICKENS/ CONNECTIVE TISSUE,
metabolism/ EPITHELIAL CELLS, metabolism/
MUCOPOLYSACCHARIDES, biosynthesis/
*NUTRITION/ NUTRITIONAL
REQUIREMENTS/ RATS/ *SILICON/ SILICON,
metabolism/ *TRACE ELEMENTS
660. Carlson HE, Mariz IK, Daughaday WH: Thyrotropin-releasing hormone stimulation and somatostatin inhibition of growth hormone secretion from perfused rat adenohypophyses.
Endocrinology 94:1709-13, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ IN VITRO/ MALE/
*PEPTIDES, pharmacodynamics/ PERFUSION/
PITUITARY GLAND, secretion/ RATS/
SOMATOTROPIN, antagonists & inhibitors/
*SOMATOTROPIN, secretion/ THEOPHYLLINE,
pharmacodynamics/ *THYROTROPIN
RELEASING HORMONE, pharmacodynamics/
TIME FACTORS/ TRIIODOTHYRONINE,
pharmacodynamics
661. Carlson HE, Robbins J, Murphy DL: The effects of lithium on thyroid iodine release in patients with primary affective disorder.
Psychopharmacologia 35:249-56, 27 Feb 74
ADULT/ *AFFECTIVE DISTURBANCES,
metabolism/ CIRCADIAN RHYTHM/ FEMALE/
HUMAN/ *IODINE, metabolism/ IODINE
RADIOISOTOPES/ LITHIUM, blood/
LITHIUM, pharmacodynamics/ MIDDLE AGE/
*THYROID GLAND, metabolism/ THYROXINE,
blood
662. Carmel PW, Fraser RA, Stein BM: Aseptic meningitis following posterior fossa surgery in children.
J Neurosurg 41:44-8, Jul 74
ANTIBIOTICS, therapeutic use/ *BRAIN
DISEASES, surgery/ BRAIN NEOPLASMS,
radiotherapy/ *BRAIN NEOPLASMS, surgery/

AUTHOR SECTION

- CEREBROSPINAL FLUID PROTEINS, analysis/
CRANIAL FOSSA, POSTERIOR, surgery/
*CRANIOTOMY, adverse effects/
DEXAMETHASONE, therapeutic use/
FEMALE/ HUMAN/ MALE/ MENINGITIS,
cerebrospinal fluid/ MENINGITIS, drug
therapy/ *MENINGITIS, etiology/
MENINGITIS, microbiology/ POSTOPERATIVE
COMPLICATIONS/ *SKULL, surgery
663. Carneiro T, Oliveira JE de: Nutritional studies in human
lactation in Brazil. 1. Chemical composition of breast
milk. J Trop Pediatr 19:384-7, Dec 73
BRAZIL/ FEMALE/ HUMAN/ *LACTATION/
*MILK, HUMAN, analysis/ NUTRITION/
SOCIOECONOMIC FACTORS
664. Carol W: Die differentialdiagnostische Bedeutung von
Kolonkrankungen für die Gynäkologie.
Z Aerzt Fortbild (Jena) 68:125-8, 1 Feb 74 (Ger)
ADNEXITIS, complications/ CERVIX
NEOPLASMS, complications/ CHRONIC
DISEASE/ COLITIS, complications/ *COLONIC
DISEASES, diagnosis/ DIAGNOSIS,
DIFFERENTIAL/ DIVERTICULITIS, COLONIC,
complications/ ENDOMETRIOSIS,
complications/ FEMALE/ *GYNECOLOGIC
DISEASES, diagnosis/ HUMAN/ OVARIAN
NEOPLASMS, complications/ SIGMOID
NEOPLASMS, complications
665. Caron MG, Lefkowitz RJ: Temperature immutability of
adenyl cyclase-coupled beta adrenergic receptors.
Nature 249:258-60, 17 May 74
*ADENYL CYCLASE, metabolism/
*ADRENERGIC ALPHA RECEPTOR
AGONISTS, pharmacodynamics/ *ADRENERGIC
ALPHA RECEPTOR BLOCKADERS,
pharmacodynamics/ ANIMAL EXPERIMENTS/
COLD/ COMPARATIVE STUDY/ DOGS/
ENZYME ACTIVATION, drug effects/
EPINEPHRINE, pharmacodynamics/
ERYTHROCYTES, drug effects/
ERYTHROCYTES, enzymology/ FROGS/
HEART, drug effects/ ISOPROTERENOL,
pharmacodynamics/ MEMBRANES, enzymology/
MYOCARDIUM, enzymology/ MYOCARDIUM,
metabolism/ NOREPINEPHRINE,
pharmacodynamics/ RATS/ *RECEPTORS,
ADRENERGIC, drug effects/ STIMULATION,
CHEMICAL/ *TEMPERATURE
666. Carpenter AT, Sandler L: On recombination-defective
melotic mutants in *Drosophila melanogaster*.
Genetics 76:453-75, Mar 74
ALLELES/ ANIMAL EXPERIMENTS/
CHROMOSOME MAPPING/ CROSSES,
GENETIC/ CROSSING OVER (GENETICS)/
*DROSOPHILA MELANOGASTER/ FEMALE/
GENES, DOMINANT/ HETEROZYGOSE/
MALE/ *MEIOSIS/ *MUTATION/
*RECOMBINATION, GENETIC/ SEX
CHROMOSOMES
667. Carpenter MP: Prostaglandins of rat testis.
Lipids 9:397-406, Jun 74
ANIMAL EXPERIMENTS/ BUFFERS/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
GAS/ CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GEL FILTRATION/ MALE/
METHODS/ PHOSPHATES/
*PROSTAGLANDINS, analysis/ SILICA/
SPECTROPHOTOMETRY, ULTRAVIOLET/
*TESTIS, analysis/ TIME FACTORS/ TRITIUM
668. Carpenter SJ: Placental permeability of lead.
Environ Health Perspect 7:129-31, May 74
ABORTION, chemically induced/
AUTORADIOGRAPHY/ BLOOD/ CELL
MEMBRANE PERMEABILITY/ EMBRYO, drug
effects/ ENVIRONMENTAL EXPOSURE/
FEMALE/ FETUS, drug effects/
GESTATIONAL AGE/ HAMSTERS/ HUMAN/
LEAD/ LEAD, blood/ *LEAD, metabolism/
*MATERNAL-FETAL EXCHANGE/ MICE/
*PLACENTA, metabolism/ PREGNANCY/
RADIOISOTOPES/ RATS/ UMBILICAL CORD
669. Carpenter SJ, Heyl HL: Fine structure of the corpuscles
of stannius of Atlantic salmon during the freshwater
spawning journey.
Gen Comp Endocrinol 23:212-23, Jun 74
ANIMAL EXPERIMENTS/ CELL NUCLEUS/
CHROMATIN/ CYTOPLASMIC GRANULES/
*ENDOCRINE GLANDS, cytology/
ENDOPLASMIC RETICULUM/ FRESH
WATER/ GOLGI APPARATUS/ *KIDNEY,
cytology/ MICROSCOPY, ELECTRON/
*SALMON, anatomy & histology/ *SEASONS/
TIME FACTORS
670. Carroll EJ, Lasmanis J, Jain NC, et al: Use of dimethyl
sulfoxide-flumethasone combination for treatment of
endotoxin-induced bovine mastitis.
Am J Vet Res 35:781-5, Jun 74
ANIMAL EXPERIMENTS/ BODY
TEMPERATURE/ DIMETHYL SULFOXIDE,
administration & dosage/ *DIMETHYL
SULFOXIDE, therapeutic use/ DRUG
THERAPY, COMBINATION/ *ENDOTOXINS/
ENDOTOXINS, administration & dosage/
ESCHERICHIA COLI/ FEMALE/
FLUMETHASONE, administration & dosage/
*FLUMETHASONE, therapeutic use/
INJECTIONS/ LACTATION/ LEUKOCYTE
COUNT/ LIPOPOLYSACCHARIDES,
administration & dosage/ MASTITIS, BOVINE,
chemically induced/ *MASTITIS, BOVINE,
drug therapy/ MASTITIS, BOVINE, etiology/
MILK, cytology/ NEUTROPHILS/ RECTUM/
STAPHYLOCOCCAL INFECTIONS, drug
therapy/ STAPHYLOCOCCAL INFECTIONS,
veterinary/ UDDER
671. Carruthers TC, Manns JG, Quesnel SJ: The effect of
prostaglandin E1 on lipid metabolism and hormone
secretion in sheep.
Can J Physiol Pharmacol 52:319-22, Apr 74
ANIMAL EXPERIMENTS/ FASTING/ FATTY
ACIDS, NONESTERIFIED, blood/ GLUCAGON,
secretion/ IMMUNOASSAY/ INSULIN, blood/
INSULIN, secretion/ *LIPIDS, metabolism/
PANCREAS, secretion/ *PANCREATIC
HORMONES, secretion/ *PROSTAGLANDINS,
pharmacodynamics/ SHEEP
672. Carstensen JT: Stability of solids and solid dosage
forms. J Pharm Sci 63:1-14, Jan 74 (127 ref.)
AMINOSALICYLIC ACID/ ASPIRIN/
BACITRACIN/ CHEMISTRY/
CHLORTETRACYCLINE/ DEXTRO
AMPHETAMINE/ DIFFUSION/ *DRUG
STABILITY/ FREE RADICALS/
GLUCURONATES/ HUMIDITY/ KINETICS/
LIGHT/ MATHEMATICS/ PHOTOLYSIS/
REVIEW/ SPECTROPHOTOMETRY/ TIME
FACTORS/ VITAMIN A/ VITAMIN D
673. Carter DC, Werner M, Forrest JH, et al: The effect of
histamine (H2-) receptor blockade on vagally-induced
gastric secretion in man. Scott Med J 19:153, May 74
*ANTIHISTAMINICS, pharmacodynamics/
CHEMORECEPTORS, drug effects/
COMPARATIVE STUDY/ DUODENAL ULCER,
metabolism/ *GASTRIC JUICE, secretion/
HISTAMINE LIBERATION, drug effects/
HUMAN/ IMIDAZOLES, pharmacodynamics/
INSULIN, pharmacodynamics/ SULFIDES,
pharmacodynamics/ *THIOUREA,
pharmacodynamics/ *VAGUS NERVE, drug
effects
674. Carter DC, Werner M, Forrest JA, et al: Proceedings:
Effect of H2-receptor blockade on vagally induced
gastric secretion and gastric emptying in man.
Gut 15:337, Apr 74
*ANTIHISTAMINICS, pharmacodynamics/
DEPRESSION, CHEMICAL/ *GASTRIC JUICE,
secretion/ HUMAN/ IMIDAZOLES,
pharmacodynamics/ MALE/ PEPTIC ULCER,
physiopathology/ *RECEPTORS, DRUG/
SECRETORY RATE, drug effects/ STOMACH,
drug effects/ STOMACH, innervation/
*STOMACH, physiology/ SULFIDES,
pharmacodynamics/ *THIOUREA,
pharmacodynamics/ *VAGUS NERVE,
physiology
675. Căruntu M, Mihail A: Noi aspecte ale utilizării

AUTHOR SECTION

spironolactone și asociției cu thiazidul (per os și pro injecție) în tratamentul insuficienței cardiace grave.

Med Interna (Bucur) 36:177-88, Feb 74 (Rum)
ADMINISTRATION, ORAL/ ADULT/ AGED/
DIABETES MELLITUS, complications/
*DIURETICS, THIAZIDE, administration &
dosage/ DIURETICS, THIAZIDE, therapeutic
use/ EDEMA, drug therapy/ ENGLISH
ABSTRACT/ FEMALE/ HEART DISEASES,
drug therapy/ *HEART FAILURE,
CONGESTIVE, drug therapy/ HUMAN/
HYPERALDOSTERONISM, drug therapy/
INJECTIONS/ KIDNEY FAILURE, ACUTE,
drug therapy/ MALE/ MIDDLE AGE/
*SPIRONOLACTONE, administration & dosage/
SPIRONOLACTONE, therapeutic use/
WATER-ELECTROLYTE BALANCE, drug
effects

676. Casale FF, Patel SM: Elapid snake bite. A report of two cases. Br J Anaesth 48:162, Feb 74
AMPICILLIN, therapeutic use/
BICARBONATES, therapeutic use/ FEMALE/
HUMAN/ HYDROCORTISONE, therapeutic use/
INTUBATION, INTRATRACHEAL/ MALE/
POSITIVE-PRESSURE RESPIRATION/ *SNAKE
BITES, therapy

677. Case GD, Vanderkooi JM, Scarpa A: Physical properties of biological membranes determined by the fluorescence of the calcium ionophore A23187. Arch Biochem Biophys 162:174-85, May 74
ANIMAL EXPERIMENTS/ *ANTIBIOTICS,
pharmacodynamics/ *CALCIUM, metabolism/
CEPHALINS/ ELECTRIC CONDUCTIVITY/
GLYCERIDES/ HYDROGEN-ION
CONCENTRATION/ MAGNESIUM, metabolism/
MANGANESE, metabolism/ MATHEMATICS/
MEMBRANES, drug effects/ *MEMBRANES,
metabolism/ MEMBRANES, ARTIFICIAL/
MITOCHONDRIA, LIVER, drug effects/
*MITOCHONDRIA, LIVER, metabolism/ RATS/
SARCOPLASMIC RETICULUM, drug effects/
*SARCOPLASMIC RETICULUM, metabolism/
SPECTROMETRY, FLUORESCENCE/
SPECTROPHOTOMETRY

678. Casey WJ: The effect of prostaglandin E2 on the rhesus monkey pupil. Prostaglandins 6:243-51, 10 May 74
ADMINISTRATION, TOPICAL/ ANIMAL
EXPERIMENTS/ ATROPINE, administration &
dosage/ ATROPINE, pharmacodynamics/
CONSTRICTION/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ EPINEPHRINE,
administration & dosage/ EPINEPHRINE,
pharmacodynamics/ FEMALE/ INJECTIONS,
INTRAVENOUS/ MACACA/ MALE/
MONKEYS/ MUSCLE, SMOOTH, drug effects/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics/
*PUPIL, drug effects/ STIMULATION,
CHEMICAL/ TIME FACTORS

679. Casnellie JE, Greengard P: Guanosine 3':5'-cyclic monophosphate-dependent phosphorylation of endogenous substrate proteins in membranes of mammalian smooth muscle. Proc Natl Acad Sci USA 71:1891-5, May 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ANIMAL EXPERIMENTS/ *CELL MEMBRANE,
metabolism/ FEMALE/ *GUANOSINE CYCLIC
3',5' MONOPHOSPHATE, pharmacodynamics/
INTESTINE, SMALL, metabolism/
MAGNESIUM/ MALE/ MANGANESE/
*MUSCLE PROTEINS, metabolism/ *MUSCLE,
SMOOTH, metabolism/ *PHOSPHATES,
metabolism/ PHOSPHORUS RADIOISOTOPES/
UTERUS, metabolism/ VAS DEFERENS,
metabolism

680. Cassady JR, Jaffe N: Protection from chemotherapeutic epilation by prior irradiation. Radiology 112:197-8, Jul 74
ADOLESCENCE/ ALOPECIA/
*ANTINEOPLASTIC AGENTS, adverse effects/
CHILD/ CYCLOPHOSPHAMIDE, administration
& dosage/ DRUG THERAPY, COMBINATION/
FEMALE/ *HODGKIN'S DISEASE, drug

therapy/ HODGKIN'S DISEASE, pathology/
HODGKIN'S DISEASE, radiotherapy/ HUMAN/
MECHLORETHAMINE,
administration & dosage/ PREDNISONE,
administration & dosage/ PROCARBAZINE,
administration & dosage/ RADIOTHERAPY
DOSAGE/ TIME FACTORS/ VINCRISTINE,
administration & dosage

681. Castelletto RH, Drut R, Giacomantone O, et al: Hígado y anovulatorios. Alteraciones ultraestructurales. Rev Clin Esp 132:431-4, 15 Mar 74 (Spa)
ADULT/ BIOPSY/ CHOLESTASIS, pathology/
*CONTRACEPTIVES, ORAL, adverse effects/
ENGLISH ABSTRACT/ FEMALE/
*HEPATITIS, TOXIC/ HUMAN/ *LIVER, drug
effects/ LIVER, pathology/ MICROSCOPY,
ELECTRON/ MITOCHONDRIA, LIVER, drug
effects/ PREGNANCY/ TIME FACTORS

682. Castenholz A: Über eine neue Aufnahmetechnik--Streifen-Mikrophotographie--für fortlaufende Registrierungen an fixierten und bewegten Objekten der Mikroskope. Microsc Acta 75:309-20, Mar 74 (Ger)
ANIMAL EXPERIMENTS/ CELL MOVEMENT/
ENGLISH ABSTRACT/ FEMALE/
HISTOLOGICAL TECHNIQS/ MALE/
METHODS/ OVARY, anatomy & histology/
*PHOTOMICROGRAPHY, instrumentation/
SPERMATOOZOA, cytology/ SPERMATOOZOA,
physiology

683. Castro A, Shih HH, Chung A: A simple radioimmunoassay of plasma testosterone without column chromatography. Steroids 23:625-38, May 74
ALUMINUM/ CHROMATOGRAPHY/
COMPARATIVE STUDY/ CROSS REACTIONS/
EVALUATION STUDIES/ FEMALE/ HUMAN/
MALE/ METHODS/ MICROCHEMISTRY/
OXIMES/ PROTEIN BINDING/ RABBITS,
immunology/ RADIOIMMUNOASSAY/ SERUM
ALBUMIN, BOVINE/ *TESTOSTERONE, blood/
TRITIUM

684. Castro JE, Cass W: Maintenance of human tumours and tissues in immunosuppressed mice. Br J Surg 61:421-6, Jun 74
ANIMAL EXPERIMENTS/ BONE MARROW
CELLS, transplantation/ BREAST
NEOPLASMS, immunology/ BREAST
NEOPLASMS, pathology/ GASTROINTESTINAL
NEOPLASMS, immunology/
GASTROINTESTINAL NEOPLASMS, pathology/
HUMAN/ IMMUNITY, CELLULAR/
*IMMUNOSUPPRESSION/ KIDNEY
NEOPLASMS, immunology/ KIDNEY
NEOPLASMS, pathology/ MALE/ MICE,
INBRED CBA/ NEOPLASM
TRANSPLANTATION/ *NEOPLASMS,
EXPERIMENTAL, immunology/ NEOPLASMS,
EXPERIMENTAL, pathology/ PARATHYROID
NEOPLASMS, immunology/ PROSTATIC
HYPERTROPHY, immunology/ RADIATION
EFFECTS/ SKIN, transplantation/
THYMECTOMY/ TIME FACTORS/ TISSUE
SURVIVAL/ TRANSPLANTATION,
HETEROLOGOUS

685. Catania R: Les cellules neurosécrétrices et leur localisation au cours du cycle vital dans le système nerveux central de Crepidula fornicata (Phll.), mollusque gastéropode hermaphrodite. C R Acad Sci [D] (Paris) 276:801-4, 29 Jan 73 (Fre)
*CENTRAL NERVOUS SYSTEM, cytology/
FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/
MALE/ *MOLLUSCA/ *NEURONS, cytology/
*NEUROSECRETORY SYSTEMS/
NEUROSECRETORY SYSTEMS, growth &
development

686. Catherwood B, Singer FR: Generation of a carboxyl-terminal fragment of bovine parathyroid hormone by canine renal plasma membranes. Biochem Biophys Res Commun 57:469-75, 25 Mar 74
AMINO ACID SEQUENCE/ ANIMAL
EXPERIMENTS/ CATTLE/ CELL MEMBRANE,
metabolism/ CENTRIFUGATION, DENSITY
GRADIENT/ DOGS/ GEL FILTRATION/
GUINEA PIGS, immunology/ IODINE

AUTHOR SECTION

- RADIOISOTOPES/ KIDNEY, cytology/
*KIDNEY, metabolism/ KIDNEY CORTEX,
cytology/ KIDNEY CORTEX, metabolism/
KIDNEY MEDULLA, metabolism/
PARATHYROID HORMONE/ *PARATHYROID
HORMONE, metabolism/
RADIOIMMUNOASSAY
687. Caton D, Abrams RM, Clapp JF, et al: The effect of
exogenous progesterone on the rate of blood flow of
the uterus of ovariectomized sheep.
Q J Exp Physiol 59:225-31, Jul 74
ANIMAL EXPERIMENTS/ BLOOD FLOW
VELOCITY/ CASTRATION/ ESTROGENS,
pharmacodynamics/ FEMALE/ OVARY,
physiology/ OXYGEN, blood/ OXYGEN
CONSUMPTION/ *PROGESTERONE,
pharmacodynamics/ SHEEP/ TEMPERATURE/
TIME FACTORS/ *UTERUS, blood supply
688. Caton D, Abrams RM, Lackore LK, et al: Effect of
exogenous progesterone on the rates of uterine blood
flow and oxygen consumption of sheep in early
pregnancy. Q J Exp Physiol 59:233-9, Jul 74
ANIMAL EXPERIMENTS/ BLOOD FLOW
VELOCITY/ FEMALE/ GESTATIONAL AGE/
*OXYGEN CONSUMPTION/ *PREGNANCY,
ANIMAL/ *PROGESTERONE,
pharmacodynamics/ SHEEP/ *UTERUS, blood
supply
689. Catovsky D, Goldman JM, Okos A, et al:
T-lymphoblastic leukaemia: a distinct variant of acute
leukaemia. Br Med J 2:643-6, 22 Jun 74
BONE MARROW CELLS/
CYCLOPHOSPHAMIDE, therapeutic use/
HUMAN/ IMMUNE ADHERENCE REACTION/
*LEUKEMIA, LYMPHOBLASTIC, diagnosis/
LEUKEMIA, LYMPHOBLASTIC, drug therapy/
LEUKEMIA, LYMPHOBLASTIC, immunology/
LEUKOCYTE COUNT/ LYMPHOCYTE
TRANSFORMATION/ MALE/ MICROSCOPY,
ELECTRON, SCANNING/ PREDNISONE,
therapeutic use/ VINCRISTINE, therapeutic
use
690. Cattani D, Vesin P, Rougier PH, et al: Letter:
Hyperthyrocalcitoninaemia, Schwartz-Bartter
syndrome, and oat-cell carcinoma.
Lancet 1:938, 11 May 74
*CALCITONIN, blood/ CARCINOMA, OAT
CELL, blood/ *CARCINOMA, OAT CELL,
complications/ HORMONES, ECTOPIC,
secretion/ HUMAN/ *HYPONATREMIA,
complications/ LUNG NEOPLASMS, blood/
*LUNG NEOPLASMS, complications/ MALE/
MIDDLE AGE/ NEOPLASTIC
ENDOCRINE-LIKE SYNDROMES, blood/
OSMOLAR CONCENTRATION/ SODIUM,
blood/ SYNDROME/ *VASOPRESSIN, secretion
691. Catz B: Thyroid mediquiz.
Med Times 102:99 passim, May 74
*EDUCATION, MEDICAL, CONTINUING/
EDUCATIONAL MEASUREMENT/ HUMAN/
*THYROID DISEASES
692. Catz C: The yellow baby.
NY State J Med 74:804-7, May 74 (21 ref.)
ADOLESCENCE/ AMNIOCENTESIS/ ANIMAL
EXPERIMENTS/ BARBITURATES, therapeutic
use/ BILE, metabolism/ BILIRUBIN, blood/
BILIRUBIN, metabolism/ BLOOD
TRANSFUSION, INTRAUTERINE/ BREAST
FEEDING/ CHILD, PRESCHOOL/ ENZYME
INDUCTION/ EXCHANGE TRANSFUSION/
FEMALE/ HEME, metabolism/ HEMOLYSIS/
HUMAN/ *HYPERBILIRUBINEMIA,
HEREDITARY, therapy/ INFANT, NEWBORN/
JAUNDICE, NEONATAL, blood/ JAUNDICE,
NEONATAL, complications/ JAUNDICE,
NEONATAL, enzymology/ JAUNDICE,
NEONATAL, metabolism/ JAUNDICE,
NEONATAL, prevention & control/
*JAUNDICE, NEONATAL, therapy/ LIGHT,
therapeutic use/ LIVER, metabolism/
MATERNAL-FETAL EXCHANGE/ MICE/
MOVEMENT DISORDERS, etiology/
PHENOBARBITAL, therapeutic use/
PORPHYRINS, metabolism/ PREGNANCY/
- PREGNANEDIOL, pharmacodynamics/
REVIEW/ UDP
GLUCURONOSYLTRANSFERASE, metabolism
693. Caul EO, Jacobs JW, Clarke SK: Bovine-testis cells for
routine isolation of respiratory syncytial virus from
infants. J Med Microbiol 7:301-4, May 74
*CELLS, CULTURED/ COMPARATIVE
STUDY/ CYTOPATHOGENIC EFFECT, VIRAL/
DIAGNOSIS, DIFFERENTIAL/ HELA CELLS/
HUMAN/ *INFANT, NEWBORN, DISEASES,
diagnosis/ MALE/ METHODS/
NASOPHARYNX, microbiology/
*RESPIRATORY SYNCYTIAL VIRUS, isolation
& purification/ *RESPIRATORY TRACT
INFECTIONS, diagnosis/ TESTIS/ *VIRUS
CULTIVATION/ *VIRUS DISEASES, diagnosis
694. Cavallin M: Developpement et différenciation sexuelle
de l'appareil génital chez les embryons du Phasme
Clitumnus extradentatus Br.
Bull Biol Fr Belg 107:231-64, 1973 (Fre)
ANIMAL EXPERIMENTS/ CELL
DIFFERENTIATION/ ENGLISH ABSTRACT/
FEMALE/ GENITALIA, embryology/
GENITALIA, FEMALE, embryology/
GENITALIA, MALE, embryology/ *INSECTS,
embryology/ MALE/ PARTHENOGENESIS/
SEX DETERMINATION
695. Cegla UH, Demisch K: Kombinierte Therapie mit
Corticosteroiden und einem synthetischen
Depot-ACTH bei chronisch obstruktiven
Ventilationsstörungen.
Verh Dtsch Ges Inn Med 79:891-4, 1973 (Ger)
*ADRENAL CORTEX HORMONES, therapeutic
use/ ADULT/ *CORTICOTROPIN, therapeutic
use/ FEMALE/ HUMAN/ HYDROCORTISONE,
blood/ *LUNG DISEASES, OBSTRUCTIVE,
drug therapy/ MALE/ PREDNISOLONE,
therapeutic use/ TRIAMCINOLONE,
therapeutic use
696. Cehovic G, Nguyen-Ba Giao, Posternak T: Action d'un
nouveau dérivé de l'AMP cyclique sur la libération et
la synthèse de l'hormone de croissance et de la
prolactine hypophysaire.
CR Acad Sci [D] (Paris) 277:2057-60, 12 Nov 73 (Fre)
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ANIMAL EXPERIMENTS/ BUTYRATES,
pharmacodynamics/ CARBON
RADIOISOTOPES/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ FEMALE/ IN
VITRO/ MALE/ PHOSPHODIESTERASES,
pharmacodynamics/ *PITUITARY GLAND, drug
effects/ *PROLACTIN, biosynthesis/ RATS/
*SOMATOTROPIN, biosynthesis/ SULFIDES,
pharmacodynamics
697. Cenedella RJ, Imrich BJ: Lipolytic activities of intact
Walker 256 ascites tumor cells. Lipids 9:338-45, May 74
ANIMAL EXPERIMENTS/ ASCITIC FLUID,
cytology/ *CARCINOMA 256, WALKER,
metabolism/ CHROMATOGRAPHY, GAS/
EPINEPHRINE, pharmacodynamics/ *FATTY
ACIDS, NONESTERIFIED, metabolism/
GLUCAGON, pharmacodynamics/ GLUCOSE,
metabolism/ GLUCOSE, pharmacodynamics/
HYDROGEN-ION CONCENTRATION/
LACTATES, metabolism/ LIPIDS, metabolism/
MALE/ NICOTINIC ACID, pharmacodynamics/
NOREPINEPHRINE, pharmacodynamics/
PHOSPHOLIPIDS, biosynthesis/
PROSTAGLANDINS, pharmacodynamics/ RATS/
TEMPERATURE/ TIME FACTORS/
TRIGLYCERIDES, metabolism
698. Cerbonnet G, Mayer J: Etiologie et anatomie
pathologique des salpingites.
Rev Prat 24:481-4 passim, 1 Feb 74 (Fre)
ADNEXITIS, etiology/ FALLOPIAN TUBES,
pathology/ FEMALE/ HUMAN/ NEISSERIA
GONORRHOEA/ OVARIAN DISEASES,
etiology/ OVARY, pathology/ PERITONEUM,
pathology/ PERITONITIS, etiology/
SALPINGITIS, etiology/ SALPINGITIS,
pathology/ SALPINGITIS, surgery/ SPECIAL
LIST FOREIGN

AUTHOR SECTION

699. Ceresa F: Gli ipogonadismi maschili.
Minerva Ginecol 26:134-8, Mar 74 (Ita)
CHROMOSOME ABERRATIONS/ EUNUCHISM,
familial & genetic/ HUMAN/
*HYPOGONADISM, diagnosis/ KLINEFELTER'S
SYNDROME, familial & genetic/ MALE/
PUBERTY/ SPERMATOGENESIS
700. Ceriani RL: Proceedings: Hormones and other factors
controlling growth in the mammary gland: a review.
J Invest Dermatol 63:93-108, Jul 74 (215 ref.)
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ CELLS, CULTURED/
DNA, biosynthesis/ ESTROGENS, physiology/
FEMALE/ *HORMONES, physiology/
LACTATION/ *MAMMAE, growth &
development/ MAMMAE, metabolism/
MAMMAE, physiology/ METHODS/ MITOSIS/
PITUITARY HORMONES, physiology/
POLYMORPHISM (GENETICS)/ PROLACTIN,
physiology/ PUBERTY/ RECEPTORS,
HORMONE/ REVIEW/ SOMATOTROPIN,
physiology/ TESTOSTERONE, physiology
701. Chai H: Intermediary mechanisms in asthma. Some
informal comments on the pathogenesis of the
breathing disturbances.
Clin Pediatr (Phila) 13:409-12, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
biosynthesis/ AFFECTIVE DISTURBANCES,
complications/ ANTIGEN-ANTIBODY
REACTIONS/ ASTHMA, diagnosis/ *ASTHMA,
etiology/ ASTHMA, familial & genetic/
ASTHMA, immunology/ ASTHMA,
physiopathology/ CHILD/ CRYING/
EXERTION/ FEEDBACK/ HUMAN/
HYPERVENTILATION, complications/
INFECTION, complications/ IRRITANTS,
adverse effects/ LAUGHTER/ LUNG,
physiopathology/ METHACHOLINE
COMPOUNDS, diagnostic use/
PARASYMPATHETIC NERVOUS SYSTEM,
physiopathology
702. Chalchareon DP, Meckley PE, Ginther OJ: Effect of
prostaglandin F₂alpha on corpora lutea in guinea pigs
and Mongolian gerbils. Am J Vet Res 35:685-7, May 74
ANIMAL EXPERIMENTS/ ANIMALS,
NEWBORN/ CORPUS LUTEUM, anatomy &
histology/ *CORPUS LUTEUM, drug effects/
ESTRUS/ FEMALE/ *GERBILS, physiology/
*GUINEA PIGS, physiology/ HYSTERECTOMY/
INJECTIONS/ INJECTIONS,
INTRAPERITONEAL/ INJECTIONS,
SUBCUTANEOUS/ LABOR/ MALE/
MONGOLIA/ PREGNANCY/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics/
PSEUDOPREGNANCY/ PUERPERIUM/
UTERUS/ UTERUS, physiology
703. Chakraborty J, Nelson L: Cholinesterase distribution
during spermatid differentiation and spermatozoal
maturation in the white mouse.
J Reprod Fertil 38:359-67, Jun 74
ACETYLCHOLINE/ ANIMAL EXPERIMENTS/
CELL DIVISION/ CELL MEMBRANE/
*CHOLINESTERASE, analysis/ ENDOPLASMIC
RETICULUM/ GOLGI APPARATUS/
HISTOCYTOCHEMISTRY/ MALE/
MICROSCOPY, ELECTRON/ MITOCHONDRIA/
SERTOLI CELLS, enzymology/
SPERMATOGENESIS/ *SPERMATOZOA,
enzymology
704. Chalazonitis A, Greene LA: Enhancement in
excitability properties of mouse neuroblastoma cells
cultured in the presence of dibutyl cyclic AMP.
Brain Res 72:340-5, 7 Jun 74
CLONE CELLS/ *DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ ELECTROPHYSIOLOGY/
*MEMBRANE POTENTIALS, drug effects/
NEUROBLASTOMA/ *NEURONS, drug effects/
TIME FACTORS
705. Challis JR, Davies LJ, Ryan KJ: The concentrations of
progesterone, estrone and estradiol-17beta in the
myometrium of the pregnant rabbit and their
relationship to the peripheral plasma steroid
concentrations. Endocrinology 95:160-4, Jul 74
ANIMAL EXPERIMENTS/ ESTRADIOL, blood/
*ESTRADIOL, metabolism/ ESTRONE, blood/
*ESTRONE, metabolism/ FEMALE/
GESTATIONAL AGE/ PROGESTERONE, blood/
*PROGESTERONE, metabolism/
RADIOIMMUNOASSAY/ TIME FACTORS/
TRITIUM/ *UTERUS, metabolism
706. Challis JR, Harrison FA, Heap RB: The extraction of
oestrogens, and the rate of secretion of oestrone and
oestradiol-17beta by the uterus in the pregnant sheep.
N Engl J Med 291:277-84, 11 Jun 74
ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, THIN LAYER/
ESTRADIOL, blood/ *ESTRADIOL, metabolism/
ESTRADIOL, secretion/ ESTRONE, blood/
*ESTRONE, metabolism/ ESTRONE, secretion/
FEMALE/ INFUSIONS, PARENTERAL/
LABOR/ *PREGNANCY, ANIMAL/
RADIOIMMUNOASSAY/ REGIONAL BLOOD
FLOW/ SECRETORY RATE/ SHEEP/
TRITIUM/ UTERUS, blood supply/ *UTERUS,
metabolism/ UTERUS, secretion
707. Chalmers DV, Hohf JC, Levine S: The effects of prior
aversive stimulation on the behavioral and
physiological responses to intense acoustic stimuli in
the rat. Physiol Behav 12:711-7, May 74
ACOUSTIC STIMULATION/ ANIMAL
EXPERIMENTS/ AROUSAL/ AUDITORY
PERCEPTION/ BEHAVIOR, ANIMAL/
*CORTICOSTERONE, blood/
ELECTROSHOCK/ EMOTIONS/ *HEART
RATE/ MALE/ *MOTOR ACTIVITY/
*STARTLE REACTION
708. Chambaut AM, Leray-Pecker F, Feldmann G, et al:
Calcium-binding properties and ATPase activities of
rat liver plasma membranes.
J Gen Physiol 64:104-26, Jul 74
*ADENOSINE TRIPHOSPHATASE, metabolism/
ADRENAL GLANDS, physiology/
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
BINDING SITES/ *CALCIUM, metabolism/
CELL FRACTIONATION/ *CELL MEMBRANE,
metabolism/ FEMALE/ HYDROGEN-ION
CONCENTRATION/ LIVER, enzymology/
*LIVER, metabolism/ MAGNESIUM/
MICROSOMES, LIVER, metabolism/
POTASSIUM/ SODIUM
709. Chamley WA, Fell LR, Alford FP, et al: Twenty-four
hour secretory profiles of ovine prolactin and growth
hormone. J Endocrinol 61:165-6, Apr 74
ANIMAL EXPERIMENTS/ *CIRCADIAN
RHYTHM/ MALE/ *PROLACTIN, secretion/
RADIOIMMUNOASSAY/ SHEEP/
*SOMATOTROPIN, secretion
710. Chan AK, Sigelmann RA, Guy AW: Calculations of
therapeutic heat generated by ultrasound in
fat-muscle-bone layers. Biomed Eng 21:280-4, Jul 74
*ADIPOSE TISSUE, physiology/ *BONE AND
BONES, physiology/ ELASTICITY/ *HEAT/
HUMAN/ MATHEMATICS/ MODELS,
BIOLOGICAL/ *MUSCLES, physiology/
*ULTRASONICS/ VISCOSITY
711. Chan JC: The influence of dietary intake on
endogenous acid production. Theoretical and
experimental background.
Nutr Metab 16:1-9, 1974 (18 ref.)
*ACID-BASE EQUILIBRIUM/ AMINO ACIDS,
SULFUR, metabolism/ BLOOD/ BONE AND
BONES, metabolism/ CALCIUM, metabolism/
*CARBOXYLIC ACIDS, metabolism/ *DIET/
ENERGY METABOLISM/ FEMALE/ GROWTH/
HUMAN/ HYDROGEN-ION CONCENTRATION/
INFANT FOOD/ INFANT, PREMATURE/
KIDNEY, metabolism/ MALE/ MILK/
PARENTERAL FEEDING/ PHOSPHATES,
metabolism/ PHOSPHORUS, metabolism/
REVIEW/ SULFUR, metabolism/ SULFURIC
ACIDS, metabolism/ WATER-ELECTROLYTE
BALANCE
712. Chan T, Klopfer A: The variability of plasma oestradiol
concentration in late pregnancy.
J Obstet Gynaecol Br Commonw 81:357-60, May 74
*ESTRADIOL, blood/ ESTRADIOL, metabolism/

AUTHOR SECTION

- ESTROGENIC SUBSTANCES, CONJUGATED,
blood/ FEMALE/ HUMAN/ *PREGNANCY/
RABBITS, immunology/
RADIOIMMUNOASSAY/ TIME FACTORS
713. Chan WY, Nestor JJ Jr, Ferger MF, et al: Inhibition of oxytocic responses to oxytocin in pregnant rats by (1-L-penicillamine)oxytocin and (1-beta-mercapto-beta, beta-diethylpropionic acid)oxytocin. *Proc Soc Exp Biol Med* 146:364-6, Jun 74
ANIMAL EXPERIMENTS/ *DIETHYLPROPION, pharmacodynamics/ FEMALE/ *OXYTOCIN, antagonists & inhibitors/ *PENICILLAMINE, pharmacodynamics/ *PREGNANCY, ANIMAL/ TRANSDUCERS/ *UTERUS, drug effects
714. Chanard J, Assailly J, Bader C, et al: A rapid method for measurement of fractional intestinal absorption of calcium. *J Nucl Med* 15:588-92, Jul 74
ADMINISTRATION, ORAL/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, DIETARY, metabolism/ CALCIUM RADIOISOTOPES, administration & dosage/ CREATININE, blood/ HEMODIALYSIS/ HUMAN/ HYDROXYCHOLECALCIFEROL, adverse effects/ HYPERPARATHYROIDISM, metabolism/ INJECTIONS, INTRAVENOUS/ *INTESTINAL ABSORPTION/ KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, metabolism/ KIDNEY FAILURE, CHRONIC, therapy/ METHODS/ OSTEITIS DEFORMANS, metabolism/ PHOSPHATES, blood
715. Chandler JA, Harper ME, Griffiths K: Proceedings: Studies on subcellular zinc distribution in relation to hormone levels in rat prostatic tissue using the electron microscope microanalyser, EMMA. *N Engl J Med* 291:1416, 11 Jun 74
ANIMAL EXPERIMENTS/ BROMINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ *ERGOT ALKALOIDS, pharmacodynamics/ MALE/ MICROSCOPY, ELECTRON/ PROLACTIN, antagonists & inhibitors/ *PROLACTIN, blood/ *PROSTATE, analysis/ *ZINC, analysis
716. Chandra A, Kumar DS, Thapliyal JP: Metabolic response to male hormone and thyroid activity in the Indian garden lizard, *Calotes versicolor*. *N Engl J Med* 291:285-91, 11 Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/ IODINE, metabolism/ IODINE RADIOISOTOPES/ LIVER, metabolism/ *LIZARDS, metabolism/ MALE/ MUSCLES, metabolism/ *OXYGEN CONSUMPTION/ OXYGEN CONSUMPTION, drug effects/ STIMULATION, CHEMICAL/ TEMPERATURE/ *TESTIS, physiology/ *TESTOSTERONE, pharmacodynamics/ THYROID GLAND, metabolism/ *THYROID GLAND, physiology/ THYROIDECTOMY/ *THYROXINE, pharmacodynamics
717. Chandra P, Scheckel RE, Wacker A: Effect of cyclic AMP and some structural analogues on the dark repair inhibition by caffeine of uv-irradiated cells. *Radiat Environ Biophys* 11:87-90, 29 Mar 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *CAFFEINE, antagonists & inhibitors/ DARKNESS/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ *DNA REPAIR, drug effects/ *ESCHERICHIA COLI, radiation effects/ RADIATION GENETICS/ RADIATION-SENSITIZING AGENTS, antagonists & inhibitors/ *ULTRAVIOLET RAYS
718. Chandra R, Braunstein P: Letter: Information density and bone scans. *Br J Radiol* 47:360-1, Jun 74
*BONE AND BONES/ HUMAN/ IRON RADIOISOTOPES/ *RADIOISOTOPE SCANNING/ STRONTIUM RADIOISOTOPES/ TECHNETIUM
719. Chandra RK: Letter: Disorders of neutrophil function. *Lancet* 1:1052, 25 May 74
*ANEMIA, HYPOCHROMIC, immunology/ BLOOD BACTERICIDAL ACTIVITY/ BLOOD
- PROTEINS, metabolism/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ NEUTROPHILS, immunology/ NEUTROPHILS, metabolism/ OXIDATION-REDUCTION/ PHAGOCYTOSIS/ *PLACENTA DISORDERS, immunology/ PREGNANCY/ *PROTEIN-CALORIE MALNUTRITION, immunology
720. Chang CH, Folen L, Jensen LS: Effect of maternal diet on the response of Japanese quail to purified and practical diets. *Poult Sci* 53:265-72, Jan 74
ANIMAL EXPERIMENTS/ ANIMAL FEED/ BODY WEIGHT/ CASEIN, administration & dosage/ CORN/ *DIET/ EGGS, analysis/ FEMALE/ FERTILITY/ GELATIN, administration & dosage/ GIZZARD, anatomy & histology/ GLUCOSE, administration & dosage/ INCUBATORS/ INTESTINES, anatomy & histology/ JAPAN/ LIPIDS, analysis/ LIVER, analysis/ MALE/ OVARY, anatomy & histology/ OVIDUCTS, anatomy & histology/ QUAIL, growth & development/ *QUAIL, physiology/ SOY BEANS
721. Chang LR, Chen TS, Huang KC: Electrolyte transport across the mouse small intestine. *Proc Soc Exp Biol Med* 145:1220-4, Apr 74
ANIMAL EXPERIMENTS/ BICARBONATES/ BICARBONATES, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE/ BUFFERS/ CALCIUM, metabolism/ *CHLORIDES, metabolism/ ILEUM, metabolism/ *INTESTINE, SMALL, metabolism/ JEJUNUM, metabolism/ MAGNESIUM, metabolism/ MICE/ PHOSPHATES, metabolism/ POTASSIUM, metabolism/ RADIOISOTOPES/ *SODIUM, metabolism/ SODIUM ISOTOPES/ SULFATES, metabolism
722. Chapel HM, Batchelor JR: Letter: Rosette inhibition in Grave's disease. *N Engl J Med* 291:103, 11 Jun 74
ADRENAL GLANDS, physiopathology/ AUTOIMMUNE DISEASES/ *GOITER, EXOPHTHALMIC, immunology/ GOITER, EXOPHTHALMIC, physiopathology/ HUMAN/ *IMMUNE ADHERENCE REACTION/ LYMPHOCYTES, immunology
723. Chapman RL Jr, Downs JB, Modell JH, et al: The ineffectiveness of steroid therapy in treating aspiration of hydrochloric acid. *Arch Surg* 108:858-61, Jun 74
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CARBON DIOXIDE, blood/ DOGS/ *HYDROCHLORIC ACID/ *METHYLPREDNISOLONE, therapeutic use/ OXYGEN, blood/ *PNEUMONIA, ASPIRATION, prevention & control/ *POSITIVE-PRESSURE RESPIRATION
724. Chard T: Threatened abortion. Placental lactogen levels guide. *Nurs Mirror* 138:50-1, 29 Mar 74
ABORTION, THREATENED, diagnosis/ PLACENTAL LACTOGEN, blood/ SPECIAL LIST NURSING
725. Charles P, Watters C, Remy J, et al: Fate of foreign DNA infused through the carotid aorta in rats. *Arch Int Physiol Biochim* 81:960, Dec 73
ANIMAL EXPERIMENTS/ AORTA/ BONE MARROW, metabolism/ DNA, BACTERIAL, administration & dosage/ *DNA, BACTERIAL, metabolism/ DNA REPLICATION/ INJECTIONS, INTRA-ARTERIAL/ INTESTINES, metabolism/ RATS/ SPLEEN, metabolism/ SUBMANDIBULAR GLAND, metabolism/ TESTIS, metabolism/ THYMIDINE, metabolism/ TRITIUM
726. Charrier J: Evolution foetale et postnatale du contenu en hormone de croissance de l'hypophyse ovine. *Ann Biol Anim Biochim Biophys* 13:115-63, 1973 (Fre)
AGE FACTORS/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CARTILAGE, drug effects/ CATTLE/ CIRCADIAN RHYTHM/ ENGLISH ABSTRACT/ FEMALE/ HYPOPHYSECTOMY/ MALE/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, growth & development/ PITUITARY

AUTHOR SECTION

GLAND, physiology/ RATS/ SEX FACTORS/
SHEEP/ *SOMATOTROPIN, analysis/
SOMATOTROPIN, pharmacodynamics/ TIBIA,
drug effects

727. Chartier M, Vézina J: L'ostéomalacie: 24 observations.
Union Med Can 102:1263-77, Jun 73 (Fre)

CALCIUM, therapeutic use/ CATHARTICS,
adverse effects/ ENGLISH ABSTRACT/
FEMALE/ FRACTURES, SPONTANEOUS,
etiology/ GASTRECTOMY, adverse effects/
HUMAN/ MALABSORPTION SYNDROMES,
complications/ MALABSORPTION
SYNDROMES, etiology/ MALE/
*OSTEOMALACIA/ OSTEOMALACIA,
chemically induced/ OSTEOMALACIA,
diagnosis/ OSTEOMALACIA, drug therapy/
OSTEOMALACIA, etiology/ OSTEOMALACIA,
physiopathology/ OSTEOMALACIA,
radiography/ PANCREATIC NEOPLASMS,
complications/ PHOSPHORUS, physiology/
RICKETS, complications/ SUNLIGHT/
VITAMIN D, physiology/ VITAMIN D,
therapeutic use/ VITAMIN D DEFICIENCY,
complications

728. Chartier Baraduc MM: Présence et thermostabilité de
protéines liant de calcium dans les muqueuses
intestinales et branchiales de divers téléostéens.
C R Acad Sci [D] (Paris) 276:785-8, 29 Jan 73 (Fre)

ANIMAL EXPERIMENTS/ *CALCIUM,
metabolism/ CALCIUM ISOTOPES/
CYPRINIDAE, metabolism/ *FISHES/ GILLS/
INTESTINAL ABSORPTION/ *INTESTINAL
MUCOSA, metabolism/ METHODS/ MUCOUS
MEMBRANE, metabolism/ *PROTEIN
BINDING/ RADIOLIGAND ASSAY/
*TEMPERATURE

729. Chase TN, Woods AC, Lipton MA, et al: Hypothalamic
releasing factors and Parkinson disease.
Arch Neurol 31:55-6, Jul 74

*ANTIPARKINSON DRUGS/ ANTIPARKINSON
DRUGS, administration & dosage/
COMPARATIVE STUDY/ DEPRESSION,
CHEMICAL/ *DOPA, administration & dosage/
DRUG THERAPY, COMBINATION/ GLYCINE,
administration & dosage/ GLYCINE,
therapeutic use/ HUMAN/ LEUCINE,
administration & dosage/ LEUCINE,
therapeutic use/ *MSH/ OLIGOPEPTIDES,
administration & dosage/ *OLIGOPEPTIDES,
therapeutic use/ *PARKINSONISM, drug
therapy/ *PITUITARY HORMONE RELEASING
HORMONES, antagonists & inhibitors/
PROLINE, administration & dosage/ PROLINE,
therapeutic use/ *THYROTROPIN RELEASING
HORMONE, therapeutic use

730. Chatkoff ML, Julian JA, Martin JE, et al: The role of
estradiol in the equilibrium binding of estrogen
receptor to rabbit uterine chromatin.

Biochim Biophys Acta 343:480-91, 24 May 74
ANIMAL EXPERIMENTS/ BINDING SITES/
CASTRATION/ CENTRIFUGATION, DENSITY
GRADIENT/ *CHROMATIN, metabolism/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ CYTOSOL,
metabolism/ *ESTRADIOL, metabolism/
ESTRADIOL, pharmacodynamics/ FEMALE/
KINETICS/ MATHEMATICS/ OVARY,
physiology/ *RECEPTORS, HORMONE, drug
effects/ TRITIUM/ UTERUS, cytology/
*UTERUS, metabolism

731. Chatterjee A, Gupta T, Sengupta K: Possible mode of
action of clomiphene.

Acta Endocrinol (Kbh) 75:173-80, Jan 74
ANIMAL EXPERIMENTS/ BODY WEIGHT/
CLOMIPHENE, antagonists & inhibitors/
*CLOMIPHENE, pharmacodynamics/ CORPUS
LUTEUM, drug effects/ *DECIDUA, drug
effects/ DEPRESSION, CHEMICAL/ FEMALE/
FETUS, drug effects/ GESTATIONAL AGE/
ORGAN WEIGHT/ OVARY, anatomy &
histology/ PLACENTA, drug effects/
PREGNANCY/ *PREGNANCY, ANIMAL/
*PROGESTERONE, pharmacodynamics/
*PROLACTIN, pharmacodynamics/
PSEUDOPREGNANCY/ RATS/ TIME

FACTORS/ UTERUS, anatomy & histology/
UTERUS, drug effects

732. Chaturvedi NC, Walsh MJ, Boyle DM, et al:
Diamorphine-induced attack of paroxysmal
hypertension in pheochromocytoma.

Br Med J 2:538, 8 Jun 74

CATECHOLAMINES, secretion/ CYCLIZINE,
therapeutic use/ *DIACETYLMORPHINE,
adverse effects/ DIACETYLMORPHINE,
pharmacodynamics/ DIACETYLMORPHINE,
therapeutic use/ DIPLOPIA, etiology/
ELECTROCARDIOGRAPHY/ FECES,
IMPACTED, chemically induced/ HEADACHE,
etiology/ HEART RATE, drug effects/
HISTAMINE LIBERATION, drug effects/
HUMAN/ *HYPERTENSION, chemically
induced/ HYPERTENSION, physiopathology/
LIDOCAINE, therapeutic use/ MALE/
MYOCARDIAL INFARCT, complications/
MYOCARDIAL INFARCT, drug therapy/
PENTAZOCINE, therapeutic use/
*PHEOCHROMOCYTOMA, drug therapy/
PRACTOLOL, adverse effects

733. Chaudhuri BR: Editorial: Calcium nephropathy.
J Indian Med Assoc 61:518-9, 16 Dec 73

ANIMAL EXPERIMENTS/ HUMAN/
*HYPERCALCEMIA, complications/
HYPERCALCEMIA, pathology/ KIDNEY,
pathology/ *KIDNEY DISEASES, etiology/
KIDNEY FAILURE, CHRONIC, etiology/
NEPHROCALCINOSIS, etiology

734. Chávez Lara B, Mejía Herreman ME, Serrano PA:
Excretan adrenalina los feocromocitomas
extrasuprarrenales? Estudios sobre interferencia
fluorimétrica en la medición diferencial de
catecolaminas.

Arch Inst Cardiol Mex 44:263-6, Mar-Apr 74 (Spa)

COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ *EPINEPHRINE, secretion/
EPINEPHRINE, urine/ FLUOROMETRY/
*HORMONES, ECTOPIC, secretion/ HUMAN/
METHODS/ NOREPINEPHRINE, urine/
*PHEOCHROMOCYTOMA, physiopathology/
PHEOCHROMOCYTOMA, urine

735. Chayen J: General introduction to cytochemical
hormone bioassay.

Clin Endocrinol (Oxf) 3:303-9, Jul 74

ANIMAL EXPERIMENTS/ *BIOLOGICAL
ASSAY/ CELLS, metabolism/ CELLS,
CULTURED/ DENSITOMETRY/ DNA,
metabolism/ *HISTOCYTOCHEMISTRY/
*HORMONES, analysis/ HUMAN/
SPECTROPHOTOMETRY

736. Chayen J, Bitensky L, Chambers DJ, et al: Studies on
the mechanism of cytochemical bioassays.

Clin Endocrinol (Oxf) 3:349-60, Jul 74

ADRENAL GLANDS, secretion/ ANIMAL
EXPERIMENTS/ *BIOLOGICAL ASSAY/
CORTICOTROPIN, pharmacodynamics/
*HISTOCYTOCHEMISTRY/ HYDROCORTISONE,
pharmacodynamics/ IN VITRO/ TIME
FACTORS

737. Chazal G, Faudon M, Gogan F, et al: Negative and
positive effects of oestradiol upon luteinizing
hormone secretion in the female rat.

J Endocrinol 61:511-2, Jun 74

ANIMAL EXPERIMENTS/ CASTRATION/
DEPRESSION, CHEMICAL/ ESTRADIOL,
blood/ *ESTRADIOL, pharmacodynamics/
FEEDBACK/ FEMALE/ INJECTIONS,
SUBCUTANEOUS/ *LH, secretion/
RADIOIMMUNOASSAY/ TIME FACTORS

738. Chege SW, Gitcho F, Wanene GS, et al: Single dose
treatment of hookworm in Murang'a district.

East Afr Med J 51:60-2, Jan 74

AFRICA, EASTERN/ ANTHELMINTICS,
administration & dosage/ *ANTHELMINTICS,
therapeutic use/ BEPHENIUM COMPOUNDS,
administration & dosage/ BEPHENIUM
COMPOUNDS, therapeutic use/
DOSE-RESPONSE RELATIONSHIP, DRUG/
*HOOKWORM INFECTIONS, drug therapy/
HUMAN/ LEVAMISOLE, administration &

AUTHOR SECTION

- dosage/ LEVAMISOLE, therapeutic use/
NAPHTHALENES, administration & dosage/
NAPHTHALENES, therapeutic use/ PARASITE
EGG COUNT/ PYRANTEL, administration &
dosage/ PYRANTEL, therapeutic use/
THIOCYANATES, administration & dosage/
THIOCYANATES, therapeutic use
739. Chen AT, Reidy JA, Fu YS, et al: Human testicular cultures: I. Chromosome analyses.
Proc Soc Exp Biol Med 146:442-7, Jun 74
CELLS, CULTURED/ *CHROMOSOMES/
HUMAN/ HYDROCELE, familial & genetic/
HYPOTONIC SOLUTIONS/ MALE/
MICROSCOPY, ELECTRON/ ORCHITIS,
familial & genetic/ PROSTATIC NEOPLASMS,
familial & genetic/ TESTICULAR
FEMINIZATION, familial & genetic/ *TESTIS,
cytology/ TISSUE CULTURE
740. Chen CH, Greenawalt JW, Lehninger AL: Biochemical and ultrastructural aspects of Ca²⁺ transport by mitochondria of the hepatopancreas of the blue crab *Callinectes sapidus*. J Cell Biol 61:301-15, May 74
ADENOSINE DIPHOSPHATE, metabolism/
ADENOSINE TRIPHOSPHATE, metabolism/
ANIMAL EXPERIMENTS/ ANTIMYCIN A,
pharmacodynamics/ *CALCIUM, metabolism/
CALCIUM PHOSPHATES, biosynthesis/
CRABS, cytology/ *CRABS, metabolism/
ELECTRON TRANSPORT/ HYDROGEN,
metabolism/ LIVER, cytology/ *LIVER,
metabolism/ MAGNESIUM, metabolism/
MICROSCOPY, ELECTRON/ *MITOCHONDRIA,
metabolism/ MITOCHONDRIA, LIVER,
cytology/ MITOCHONDRIA, LIVER,
metabolism/ OXIDATIVE
PHOSPHORYLATION/ OXYGEN
CONSUMPTION/ PANCREAS, cytology/
*PANCREAS, metabolism/ PHOSPHATES,
metabolism/ UNCOUPLING AGENTS,
pharmacodynamics
741. Chen HI, Sun SC, Chai CY, et al: Encephalogenic cardiomyopathy after stimulation of the brain stem in monkeys. Am J Cardiol 33:845-52, Jun 74
ARRHYTHMIA, etiology/ BLOOD PRESSURE/
*BRAIN STEM, physiology/ ELECTRIC
STIMULATION/ ELECTROCARDIOGRAPHY/
FEMALE/ *HEART, innervation/
HYPOTHALAMUS, physiology/ MACACA/
MALE/ MEDULLA OBLONGATA, physiology/
MICROSCOPY, ELECTRON/ MITOCHONDRIAL
SWELLING/ MONKEYS/ *MYOCARDIAL
INFARCT, etiology/ MYOCARDIAL INFARCT,
pathology/ *MYOCARDITIS, etiology/
MYOCARDITIS, pathology/ MYOCARDIUM,
pathology/ NECROSIS/ PARIETAL LOBE,
physiology/ PONS, physiology/
SARCOPLASMIC RETICULUM/
*SYMPATHETIC NERVOUS SYSTEM,
physiology/ THALAMUS, physiology
742. Chen RW, Wagner PA, Hoekstra WG, et al: Affinity labelling studies with 109cadmium in cadmium-induced testicular injury in rats.
J Reprod Fertil 38:293-306, Jun 74
ANIMAL EXPERIMENTS/ CADMIUM, analysis/
*CADMIUM, toxicity/ CELL NUCLEUS,
analysis/ CHROMATOGRAPHY/ GEL
FILTRATION/ HEMORRHAGE, chemically
induced/ HEMORRHAGE,
prevention & control/ MALE/ MICROSOMES,
analysis/ MITOCHONDRIA, analysis/
MOLECULAR WEIGHT/ NECROSIS/ PROTEIN
BINDING/ RADIOISOTOPES/ SELENIUM,
therapeutic use/ STERILITY, MALE,
chemically induced/ STERILITY, MALE,
prevention & control/ SUBCELLULAR
FRACTIONS/ TESTICULAR DISEASES,
chemically induced/ *TESTIS, drug effects/
ZINC, therapeutic use/ ZINC ISOTOPES,
analysis
743. Chernysheva NN: Radiolizotopnoe skennirovanie pri lazeychnoi ektopli shchitovidnoi zhelezy.
Med Radiol (Mosk) 18:55-8, Oct 73 (Rus)
ABNORMALITIES, diagnosis/ ADULT/ CHILD/
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ IODINE ISOTOPES,
- DIAGNOSTIC/ *RADIOISOTOPE SCANNING/
TECHNETIUM, diagnostic use/ *THYROID
GLAND, abnormalities/ *TONGUE,
abnormalities
744. Chertow BS, Motto GS, Shah JH: A biochemical profile of abnormalities in hypothyroidism.
Am J Clin Pathol 61:785-8, Jun 74
ASPARTATE AMINOTRANSFERASE, blood/
BLOOD PROTEINS, analysis/ CHOLESTEROL,
blood/ CREATINE KINASE, blood/
CREATININE, blood/ HUMAN/
*HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, enzymology/ LACTATE
DEHYDROGENASE, blood/ PROSPECTIVE
STUDIES/ SERUM ALBUMIN, analysis
745. Chesney C, Colman RW, Pechet L: A syndrome of platelet-release abnormality and mild hemophilia.
Blood 43:821-30, Jun 74
ADULT/ AGED/ BLOOD COAGULATION
TESTS/ *BLOOD PLATELET DISORDERS,
complications/ BLOOD PLATELET
DISORDERS, drug therapy/ BLOOD
PLATELET DISORDERS, familial & genetic/
BLOOD PLATELETS, secretion/ BLOOD
TRANSFUSION/ CARBON RADIOISOTOPES/
CLOT RETRACTION/ FACTOR VIII, analysis/
FEMALE/ FIBRINOGEN, therapeutic use/
GEL FILTRATION/ HEMARTHROSIS, etiology/
*HEMOPHILIA, complications/ HEMOPHILIA,
familial & genetic/ HEMORRHAGE, ORAL,
therapy/ HEMORRHAGIC DIATHESIS,
etiology/ HEPARIN ANTAGONISTS, secretion/
HUMAN/ MALE/ PLATELET ADHESIVENESS/
PREDNISONE, therapeutic use/
RADIOIMMUNOASSAY/ SEROTONIN,
metabolism
746. Chesney CM, Harper E, Colman RW: Human platelet collagenase. J Clin Invest 53:1647-54, Jun 74
ACID PHOSPHATASE, blood/ ADENOSINE
DIPHOSPHATE, blood/ ASPIRIN,
pharmacodynamics/ *BLOOD PLATELETS,
enzymology/ BLOOD PLATELETS, metabolism/
BLOOD PROTEINS, analysis/ BLOOD
VISCOSITY/ BUFFERS/ CARBON
RADIOISOTOPES/ CLOSTRIDIOPEPTIDASE A,
antagonists & inhibitors/
*CLOSTRIDIOPEPTIDASE A, blood/
CLOSTRIDIOPEPTIDASE A, isolation &
purification/ CLOSTRIDIOPEPTIDASE A,
metabolism/ COLD/ COLLAGEN, metabolism/
EDTA, pharmacodynamics/
ELECTROPHORESIS, DISC/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ GEL FILTRATION/ GLUCURONIDASE,
metabolism/ GUINEA PIGS/ HUMAN/
NUCLEOTIDES, blood/ PLATELET
ADHESIVENESS, drug effects/ SEROTONIN,
metabolism/ ULTRACENTRIFUGATION
747. Cheung CK: Proceedings: The effect of cyclic AMP and cyclic GMP on the histology of the neonatal rat hepatocytes. J Anat 116:465, Dec 73
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ANIMAL EXPERIMENTS/ ANIMALS,
NEWBORN/ ENDOPLASMIC RETICULUM/
*GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
LIPIDS/ LIVER, cytology/ *LIVER, drug
effects/ LIVER GLYCOGEN/ MICROSCOPY,
ELECTRON/ MICROSOMES, LIVER, drug
effects/ ORGANOIDS/ RATS
748. Chhetri MK, Biswas SK, Neelakanthan C, et al: Histological evidence of autoimmunity in idiopathic hypothyroidism.
J Assoc Physicians India 21:57-62, Jan 73
AUTOANTIBODIES/ *AUTOIMMUNE
DISEASES, pathology/ BIOPSY/ FEMALE/
HUMAN/ HYPOTHYROIDISM, immunology/
*HYPOTHYROIDISM, pathology/ MALE/
THYROID GLAND, immunology/ *THYROID
GLAND, pathology
749. Chhetri MK, Neelakanthan C: Editorial: Auto-immunity in thyroid disease.
J Indian Med Assoc 61:439-40, 16 Nov 73

AUTHOR SECTION

- *AUTOANTIBODIES/ FEMALE/ GOITER, EXOPHTHALMIC, etiology/ HUMAN/ LONG-ACTING THYROID STIMULATOR/ THYROID DISEASES, etiology/ *THYROID DISEASES, immunology/ THYROID GLAND, immunology
750. Chiba A, Honma Y: Cell types in the adenohypophysis of the puffer, *Fugu stictonotus*, with special reference to the basophils in the pars distalis. *Arch Histol Jap* 36:291-305, Mar 74
AGE FACTORS/ ANIMAL EXPERIMENTS/ *BASOPHILS, cytology/ CELL NUCLEUS/ COMPARATIVE STUDY/ FEMALE/ *FISHES, POISONOUS, anatomy & histology/ MALE/ OVARY, cytology/ PERIODIC ACIDS/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, POSTERIOR, cytology/ ROSANILINE DYES/ STAINS AND STAINING/ TESTIS, cytology/ THIOURACIL, pharmacodynamics/ THYROID GLAND, drug effects
751. Chiba T, Tamura K, Yamaguchi K, et al: Proceedings: Comparison of cardiovascular effects of dibutyl cyclic AMP (DBcAMP) and cyclic AMP (cAMP). *Jap J Pharmacol* 24:Suppl:50, 1974
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *CARDIOVASCULAR SYSTEM, drug effects/ COMPARATIVE STUDY/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ HEART RATE, drug effects
752. Chieffi G, Iela L, Rastogi RK: Effect of cyproterone, cyproterone acetate and ICI 46,474 on gonadal sex differentiation in *Rana esculenta*. *Gen Comp Endocrinol* 22:532-5, Apr 74
ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION/ *CYPROTERONE, pharmacodynamics/ DIMETHYLAMINES, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, antagonists & inhibitors/ FEMALE/ FROGS/ *GONADS, drug effects/ GONADS, growth & development/ LARVA, growth & development/ MALE/ PHENYL ETHERS, pharmacodynamics/ *RANA ESCULENTA, embryology/ *STILBENES, pharmacodynamics/ TESTOSTERONE, pharmacodynamics
753. Child EJ, English AF, Gilbert HG, et al: The biological profile of a new synthetic progestagen--GR2-1159-(17-acetoxy-6,11 beta-dichloro-19-nor-4,6-pregnadiene-3,20-dione). *Steroids* 33:425-42, Mar 74
ADMINISTRATION, ORAL/ ADRENAL CORTEX HORMONES, secretion/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ CASTRATION/ CHLORMADINONE, pharmacodynamics/ COMPARATIVE STUDY/ CORTICOSTERONE, blood/ DECIDUA, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTRADIOL, antagonists & inhibitors/ ESTROGENS, antagonists & inhibitors/ FEMALE/ GONADOTROPINS, antagonists & inhibitors/ HYPOTHALAMUS, drug effects/ INJECTIONS, SUBCUTANEOUS/ KETOSTEROIDS, pharmacodynamics/ MEGESTROL, pharmacodynamics/ MICE/ *NORPREGNANES, pharmacodynamics/ ORGAN WEIGHT/ OVARY, physiology/ PITUITARY GLAND, drug effects/ *PREGNADIENES, pharmacodynamics/ PREGNANCY/ PROGESTATIONAL HORMONES, administration & dosage/ *PROGESTATIONAL HORMONES, pharmacodynamics/ RATS/ STEROIDS, CHLORINATED, pharmacodynamics/ UTERUS, drug effects
754. Chin BH, Eldridge JM, Sullivan LJ: Metabolism of carbaryl by selected human tissues using an organ-maintenance technique. *Clin Toxicol* 7:37-56, 1974
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ FEMALE/ GLUCURONIDASE, metabolism/ HUMAN/ KIDNEY, metabolism/ LEIOMYOMA, metabolism/ LIVER, enzymology/ LIVER, metabolism/ LUNG, metabolism/ MALE/ *NAPHTHOLS, metabolism/ ORGAN CULTURE/ ORGAN SPECIFICITY/ PLACENTA, metabolism/ *SEVIN, metabolism/ TIME FACTORS/ UTERINE NEOPLASMS, metabolism
755. Ching M: A re-examination of the tadpole in metamorphic stasis as a recipient in a bioassay for thyroid-stimulating hormone. *J Endocrinol* 61:15-9, Apr 74
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ FROGS/ HINDLIMB, drug effects/ IMMUNE SERUMS/ IODINE RADIOISOTOPES/ LARVA, drug effects/ LB, analysis/ *METAMORPHOSIS, BIOLOGICAL, drug effects/ METHODS/ RADIOIMMUNOASSAY/ RANA PIPIENS/ SOMATOTROPIN, analysis/ *THYROTROPIN, analysis/ THYROTROPIN, pharmacodynamics
756. Ching M, Evans AB, Evans ES, et al: Pituitary thyrotroph function in hypothyroid rats. *Acta Endocrinol (Kbh)* 75:221-32, Feb 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BODY WEIGHT/ DEPRESSION, CHEMICAL/ FEMALE/ *HYPOTHYROIDISM, metabolism/ IODINE RADIOISOTOPES/ MALE/ MICROSCOPY, ELECTRON/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, metabolism/ PITUITARY GLAND, pathology/ PROPYLTHIOURACIL, pharmacodynamics/ PROTEIN-BOUND IODINE TEST/ RADIOIMMUNOASSAY/ RATS/ SEX FACTORS/ SOMATOTROPIN, metabolism/ THYROIDECTOMY/ THYROTROPIN, blood/ *THYROTROPIN, metabolism/ THYROXINE, pharmacodynamics
757. Chinoy NJ, Sheth KM, Shah VC: A biochemical study on the effect of castration, testosterone treatment and vasoligation on accessory gland function of male guinea-pigs. *Indian J Med Res* 61:1708-13, Nov 73
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CASTRATION/ GENITALIA, MALE, drug effects/ *GENITALIA, MALE, enzymology/ GUINEA PIGS/ LIGATION/ MALE/ SUCCINATE DEHYDROGENASE, analysis/ *TESTIS, physiology/ *TESTOSTERONE, pharmacodynamics/ *VAS DEFERENS, physiology
758. Chirasevenuprapund P, Rosenberg IN: Observations on the effects of chromate on the thyroid. *Endocrinology* 94:1714-22, Jun 74
ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CATTLE/ *CHROMATES, pharmacodynamics/ CULTURE MEDIA/ DRUG SYNERGISM/ GLUTATHIONE, metabolism/ GLUTATHIONE REDUCTASE, metabolism/ IN VITRO/ IODINE, metabolism/ IODINE RADIOISOTOPES/ OXIDATION-REDUCTION/ PHOSPHODIESTERASES, metabolism/ THIOCYANATES, metabolism/ *THYROID GLAND, drug effects/ THYROID GLAND, enzymology/ THYROTROPIN, metabolism/ TRITIUM
759. Chiu KW, Wong CC: Testicular cycles of the striped racer, *Elaphe taenura*. *Gen Comp Endocrinol* 23:242-4, Jun 74
ANIMAL EXPERIMENTS/ HISTOCYTOCHEMISTRY/ MALE/ *SEASONS/ *SNAKES, physiology/ TESTIS, cytology/ TESTIS, metabolism/ *TESTIS, physiology
760. Chlud K, Dihlmann W: Erkrankungen der Knochen und des Knorpels. *Verh Dtsch Ges Rheumatol* 3:186-7, 1974 (Ger)
*BONE DISEASES, classification/ *CARTILAGE DISEASES, classification/ HUMAN/ HYPERPARATHYROIDISM, classification/ *NOMENCLATURE/ OSTEITIS DEFORMANS, classification/ OSTEOMALACIA, classification/ OSTEOMYELITIS, classification/

AUTHOR SECTION

- OSTEOPOROSIS, classification/ RENAL
OSTEODYSTROPHY, classification
761. Chojecka H, Robel A: Biologiczne oznaczanie L.H. w preparacie menogonady.
Acta Pol Pharm 31:81-5, 1974 (Pol)
ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ BIOLOGICAL ASSAY/ COLORIMETRY/ ENGLISH ABSTRACT/ *ESTROGENS, analysis/ FEMALE/ *LH, analysis/ MENOTROPINS, standards/ OVARY, analysis/ RATS
762. Chojecka H, Robel A: Biologiczne oznaczanie F.S.H. w preparacie menogonady.
Acta Pol Pharm 31:81-90, 1974 (Pol)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ ENGLISH ABSTRACT/ *ESTROGENS, analysis/ FEMALE/ *FSH, analysis/ FSH, pharmacodynamics/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ ORGAN WEIGHT/ OVARY, anatomy & histology/ OVARY, drug effects/ RATS
763. Choudhury SR, Mason RC: Short term effects of dimethylnitrosamine and methylimethanesulphonate on hydrolases of the rat.
Experientia 30:538-9, 15 May 74
ACID PHOSPHATASE, antagonists & inhibitors/ *ACID PHOSPHATASE, metabolism/ ALKYLATING AGENTS, pharmacodynamics/ ANIMAL EXPERIMENTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTERASES, antagonists & inhibitors/ *ESTERASES, metabolism/ KIDNEY, enzymology/ LIVER, drug effects/ LIVER, enzymology/ MALE/ *METHANESULFONATES, pharmacodynamics/ NECROSIS/ *NITROSAMINES, pharmacodynamics/ RATS/ TESTIS, enzymology
764. Choux R, Hassoun J, Berard M, et al: Ultrastructure d'un cranio-pharyngiome. Etude in vivo et in vitro.
Arch Anat Pathol (Paris) 21:179-88, Jun 73 (Fre)
BASEMENT MEMBRANE/ CELLS, CULTURED/ CELLULAR INCLUSIONS/ COLLAGEN/ *CRANIO-PHARYNGIOMA, pathology/ CYTOPLASMIC GRANULES/ DESMOSOMES/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ *PITUITARY NEOPLASMS, pathology
765. Chowaniec O: Leczenie łuszczycy maścią synalar.
Przegl Dermatol 60:234-8, Mar-Apr 73 (Pol)
DRUG EVALUATION/ ENGLISH ABSTRACT/ *FLUOCINOLONE ACETONIDE, administration & dosage/ FLUOCINOLONE ACETONIDE, therapeutic use/ HUMAN/ OCCLUSIVE DRESSINGS/ OINTMENTS/ *PSORIASIS, drug therapy
766. Christ W: Belastung durch mechanische Schwingungen und mögliche Gesundheitsschädigungen im Bereich der Wirbelsäule. 2. Möglichkeit Von Gesundheitsschädigungen.
Fortschr Med 92:705-8, 6 Jun 74 (Ger)
ENGLISH ABSTRACT/ EXPERT TESTIMONY/ FEMALE/ HUMAN/ MALE/ *OCCUPATIONAL DISEASES, etiology/ OSTEOPOROSIS, etiology/ SCHEUERMANN'S DISEASE, etiology/ SCOLIOSIS, etiology/ *SPINAL DISEASES, etiology/ SPONDYLITIS, ANKYLOSING, etiology/ SPONDYLOLISTHESIS, etiology/ *VIBRATION, adverse effects
767. Christensen A: Hormone and enzyme assays in pregnancy. I. Studies on the placental and the tissue cystine-aminopeptidase activity in peripheral plasma from non-pregnant and pregnant women, and in plasma from the umbilical cord.
Acta Endocrinol (Kbh) 76:189-200, May 74
ADOLESCENCE/ ADULT/ *AMINOPEPTIDASES, blood/ BIRTH WEIGHT/ BLOOD/ BUFFERS/ COMPARATIVE STUDY/ CYSTINE/ ECLAMPSIA, blood/ ECLAMPSIA, enzymology/ FEMALE/ HALF-LIFE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ORGAN WEIGHT/ OXYTOCINASE, blood/ PLACENTA, anatomy & histology/ *PLACENTA, enzymology/ PREGNANCY/ TEMPERATURE
768. Christensen A: Hormone and enzyme assays in pregnancy. 3. The placental cystine-aminopeptidase and the urinary oestrogens in pregnancies complicated with essential hypertension, mild or severe pre-eclampsia.
Acta Endocrinol (Kbh) 76:353-63, Jun 74
*AMINOPEPTIDASES, blood/ BIRTH WEIGHT/ CYSTINE/ *ESTROGENS, urine/ FEMALE/ FETAL DEATH/ HUMAN/ *HYPERTENSION, metabolism/ HYPERTENSION, urine/ INFANT, NEWBORN/ ORGAN WEIGHT/ OXYTOCINASE, blood/ PLACENTA, anatomy & histology/ *PLACENTA, enzymology/ PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, enzymology/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, metabolism/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, urine/ PREGNANCY TOXEMIAS, enzymology/ *PREGNANCY TOXEMIAS, metabolism/ PREGNANCY TOXEMIAS, urine/ TIME FACTORS
769. Christensen A, Froyshov D, Fylling P: Hormone and enzyme assays in pregnancy. II. The human chorionic somatomammotrophin, progesterone and placental cystine-aminopeptidase levels in normal pregnancy.
Acta Endocrinol (Kbh) 76:201-8, May 74
*AMINOPEPTIDASES, blood/ CYSTINE/ FEMALE/ *GONADOTROPINS, CHORIONIC, blood/ HUMAN/ PLACENTA, enzymology/ *PLACENTA, metabolism/ *PLACENTAL LACTOGEN, blood/ PREGNANCY/ *PROGESTERONE, blood/ RADIOIMMUNOASSAY/ TIME FACTORS
770. Christensen JA, Sherman RT, Blank RH: Bile ptialism in a patient with sickle cell anemia simulating bronchobiliary fistula. Conservative management.
Am J Surg 127:765-7, Jun 74
ADULT/ *ANEMIA, SICKLE CELL, complications/ ANTIBIOTICS, therapeutic use/ *BILE/ *BILIARY FISTULA, diagnosis/ BILIRUBIN, analysis/ *BRONCHIAL FISTULA, diagnosis/ CASE REPORT/ GLUCOCORTICIDS, therapeutic use/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ LUNG, radiography/ MALE/ *PLEURAL EFFUSION, radiography/ *SPTUM
771. Christensen KR, Nielsen J: Incidence of chromosome aberrations in a child psychiatric hospital.
Clin Genet 5:205, 1974
*CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 19-20/ *CHROMOSOMES, HUMAN, 21-22/ DENMARK/ FEMALE/ HUMAN/ KARYOTYPING/ LEUKOCYTES, cytology/ MALE/ *MENTAL DISORDERS, familial & genetic/ *SEX CHROMOSOME ABNORMALITIES, occurrence/ SEX FACTORS
772. Christensen LW, Clemens LG: Possible involvement of cyclic AMP in regulation of masculine sexual behaviour by testosterone.
J Endocrinol 61:153-61, Apr 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ DRUG SYNERGISM/ EJACULATION, drug effects/ INJECTIONS, SUBCUTANEOUS/ MALE/ PENIS, anatomy & histology/ RATS/ *SEX BEHAVIOR, ANIMAL, drug effects/ TESTOSTERONE, administration & dosage/ *TESTOSTERONE, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics
773. Christiansen C, Rodbro P, Sjö O: "Anticonvulsant action" of vitamin D in epileptic patients? A controlled pilot study. Br Med J 2:258-9, 4 May 74
ADOLESCENCE/ ADULT/ ALKALINE PHOSPHATASE, blood/ ANTICONVULSANTS, therapeutic use/ CALCIUM, blood/ CHILD/ CLINICAL RESEARCH/ DIPHENYLHYDANTOIN, therapeutic use/ *EPILEPSY, drug therapy/ EPILEPSY,

AUTHOR SECTION

GRAND MAL, drug therapy/ FEMALE/
HUMAN/ MAGNESIUM, blood/ MALE/
PHENOBARBITAL, therapeutic use/
PLACEBOS/ PRIMIDONE, therapeutic use/
VITAMIN D, administration & dosage/
*VITAMIN D, therapeutic use

774. Christiansen TA, Duvall AJ 3d, Rosenberg Z, et al: Juvenile nasopharyngeal angiofibroma. *Trans Am Acad Ophthalmol Otolaryngol* 78:orl140-7, May-Jun 74

ANDROGENS, therapeutic use/
ANGIOGRAPHY/ *ANGIOMA, SCLEROSING/
ANGIOMA, SCLEROSING, drug therapy/
ANGIOMA, SCLEROSING, radiography/
ANGIOMA, SCLEROSING, radiotherapy/
ANGIOMA, SCLEROSING, surgery/
ESTROGENS, therapeutic use/ HUMAN/
MALE/ *NASOPHARYNGEAL NEOPLASMS/
NASOPHARYNGEAL NEOPLASMS, drug
therapy/ NASOPHARYNGEAL NEOPLASMS,
radiography/ NASOPHARYNGEAL
NEOPLASMS, radiotherapy/
NASOPHARYNGEAL NEOPLASMS, surgery/
NEOPLASM RECURRENCE, LOCAL,
occurrence/ NEOPLASM RECURRENCE,
LOCAL, therapy

775. Christlieb AR, Gleason RE, Hickler RB, et al: Renin: A risk factor for cardiovascular disease? *Ann Intern Med* 81:7-10, Jul 74

CEREBROVASCULAR DISORDERS, blood/
CEREBROVASCULAR DISORDERS,
enzymology/ *CEREBROVASCULAR
DISORDERS, etiology/ CEREBROVASCULAR
DISORDERS, mortality/ CHOLESTEROL,
blood/ ELECTROCARDIOGRAPHY/ FEMALE/
FOLLOW-UP STUDIES/ HUMAN/
HYPERTENSION, blood/ HYPERTENSION,
complications/ HYPERTENSION, enzymology/
MALE/ MYOCARDIAL INFARCT, blood/
MYOCARDIAL INFARCT, enzymology/
*MYOCARDIAL INFARCT, etiology/
MYOCARDIAL INFARCT, mortality/
PROSPECTIVE STUDIES/ *RENIN, blood/
TIME FACTORS

776. Christoff N: A clinicopathologic study of vertical eye movements. *Arch Neurol* 31:1-8, Jul 74

*BRAIN, pathology/ BRAIN MAPPING/ BRAIN
NEOPLASMS, complications/ BRAIN
NEOPLASMS, pathology/ CEREBROVASCULAR
DISORDERS, complications/
CEREBROVASCULAR DISORDERS, pathology/
CORPORA QUADRIGEMINA, pathology/
GLIOMA, complications/ GLIOMA, pathology/
HUMAN/ MESENCEPHALON, pathology/
*OCULOMOTOR MUSCLES, innervation/
OCULOMOTOR PARALYSIS, etiology/
*OCULOMOTOR PARALYSIS, pathology/
PINEALOMA, complications/ PINEALOMA,
pathology/ PONS, pathology/ RETICULAR
FORMATION, pathology/ SUBSTANTIA
NIGRA, pathology/ THALAMUS, pathology

777. Chrzanowska-Srzednicka K: Kortykoidy a jaskra. *Klin Oczna* 44:421-3, May 74 (Pol)

ADMINISTRATION, TOPICAL/ ADRENAL
CORTEX HORMONES,
administration & dosage/ *ADRENAL CORTEX
HORMONES, adverse effects/ ADRENAL
CORTEX HORMONES, therapeutic use/
CONJUNCTIVITIS, drug therapy/
GLAUCOMA, chemically induced/ HUMAN/
INTRAOCULAR PRESSURE, drug effects

778. Chu SH, Shieh CY, Chu MY: Synthesis and biological activity of some 8-substituted seleno cyclic nucleotides and related compounds. *J Med Chem* 17:404-9, Apr 74

*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, chem synthesis/
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
therapeutic use/ BROMINE/ CELL LINE/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
THIN LAYER/ LEUKEMIA, EXPERIMENTAL,
drug therapy/ LEUKEMIA, LYMPHOBLASTIC/
MICE/ NUCLEOTIDES, CYCLIC/
PHOSPHODIESTERASES/ *SELENIUM/

SELENIUM, therapeutic use/
SPECTROPHOTOMETRY, ULTRAVIOLET

779. Chugh KS: Editorial: Immunosuppression in nephrotics--praises and restraints. *J Assoc Physicians India* 21:77-9, Jan 73

*ADRENAL CORTEX HORMONES, therapeutic
use/ CYCLOPHOSPHAMIDE, therapeutic use/
GLOMERULONEPHRITIS, drug therapy/
HUMAN/ *IMMUNOSUPPRESSIVE AGENTS,
therapeutic use/ *NEPHROTIC SYNDROME,
drug therapy

780. Churchill JA, Masland RL, Naylor AA, et al: The etiology of cerebral palsy in pre-term infants. *Dev Med Child Neurol* 16:143-9, Apr 74

ASPHYXIA NEONATORUM, complications/
BIRTH INJURIES, complications/ BIRTH
WEIGHT/ CEREBRAL PALSY, blood/
CEREBRAL PALSY, diagnosis/ *CEREBRAL
PALSY, etiology/ CEREBRAL PALSY, familial
& genetic/ CESAREAN SECTION, adverse
effects/ FEMALE/ FETAL DISEASES,
complications/ GESTATIONAL AGE/
HEMATOCRIT/ HUMAN/ HYPERTENSION,
complications/ HYPOTENSION, complications/
*INFANT, PREMATURE, DISEASES, etiology/
JAUNDICE, NEONATAL, complications/
PARALYSIS, SPASTIC, congenital/
PARALYSIS, SPASTIC, etiology/ PLACENTA
DISORDERS, complications/ PREGNANCY
COMPLICATIONS, CARDIOVASCULAR/
RESPIRATORY DISTRESS SYNDROME,
complications/ TIME FACTORS

781. Chutkow JG: Lability of skeletal muscle magnesium in vivo. A study in red and white muscle. *Mayo Clin Proc* 49:448-54, Jul 74

AGE FACTORS/ ANIMAL EXPERIMENTS/
CALCIUM, blood/ CALCIUM, metabolism/
CREATINE KINASE, blood/ MAGNESIUM,
blood/ *MAGNESIUM, metabolism/
*MAGNESIUM DEFICIENCY, metabolism/
MAGNESIUM DEFICIENCY, pathology/ MALE/
MUSCLES, analysis/ *MUSCLES, metabolism/
MUSCLES, pathology/ PHOSPHORUS, blood/
PHOSPHORUS, metabolism/ PHOTOMETRY/
PLASMA, metabolism/ POTASSIUM, blood/
POTASSIUM, metabolism/ SODIUM, blood/
SODIUM, metabolism/
SPECTROPHOTOMETRY, ATOMIC
ABSORPTION/ TIME FACTORS/ WATER,
analysis

782. Ciaranello RD, Barchas JD: Catecholamines in the pituitary: origin and fate. *Prog Brain Res* 39:217-23, 1973

ANIMAL EXPERIMENTS/
CATECHOLAMINES, metabolism/ *PITUITARY
GLAND, metabolism/ RATS/ TIME FACTORS/
TRITIUM

783. Cihak RW, Ishimaru T, Steer A, et al: Lung cancer at autopsy in a-bomb survivors and controls, Hiroshima and Nagasaki, 1961-1970. I. Autopsy findings and relation to radiation. *Cancer* 33:1580-8, Jun 74

*ADENOCARCINOMA, occurrence/ AGE
FACTORS/ *ATOMIC WARFARE/ AUTOPSY/
*CARCINOMA, BRONCHIOLAR, occurrence/
*CARCINOMA, BRONCHOGENIC, occurrence/
*CARCINOMA, EPIDERMOID, occurrence/
*CARCINOMA, OAT CELL, occurrence/
FEMALE/ HUMAN/ JAPAN/ LUNG
NEOPLASMS, etiology/ *LUNG NEOPLASMS,
occurrence/ MALE/ POPULATION
SURVEILLANCE/ *RADIATION INJURIES/
*RADIOACTIVE FALLOUT

784. Ciento G, Nakano M, Fukuyama H, et al: Chemiluminescence in the autoxidation of the pyruvic acid analogues of a thyroid hormone and related molecules. *Biochem Biophys Res Commun* 58:296-300, 7 May 74

COMPARATIVE STUDY/ DIMETHYL
SULFOXIDE/ IODINE/ LIGHT/
*LUMINESCENCE/ OXIDATION-REDUCTION/
*PHENYLPYRUVIC ACID/
PHOTOCHEMISTRY/ SPECTROMETRY,
FLUORESCENCE/ STRUCTURE-ACTIVITY

AUTHOR SECTION

- RELATIONSHIP/ *THYROXINE/ TIME
FACTORS/ WATER
785. Cirić IS, Tarkington J: Transsphenoidal microsurgery. *Surg Neurol* 2:207-12, May 74
ADENOMA, surgery/ ADULT/ BREAST
NEOPLASMS, surgery/ CAROTID ARTERY
DISEASES, etiology/ CAVERNOUS SINUS/
CEREBROSPINAL RHINORRHEA, etiology/
CRANIAL NERVES/ CRANIOPHARYNGIOMA,
surgery/ CYSTS, surgery/ DIABETES
INSIPIDUS, etiology/ DIABETIC
RETINOPATHY, surgery/ EVALUATION
STUDIES/ FEMALE/ HUMAN/
HYPOPHYSECTOMY/ MALE/ MENINGIOMA,
surgery/ MENINGITIS, etiology/ MENOPAUSE/
METHODS/ *MICROSURGERY/ NEOPLASM
METASTASIS/ PITUITARY DISEASES,
surgery/ PITUITARY NEOPLASMS, surgery/
POSTOPERATIVE COMPLICATIONS/ *SELLA
TURCICA, surgery/ *SPHENOID BONE,
surgery
786. Cittadini E: Le disfunzioni ovariche giovanili ed il loro
trattamento. *Minerva Ginecol* 26:86-94, Feb 74 (Ita)
CLOMIPHENE, therapeutic use/ ESTROGENS,
therapeutic use/ FEMALE/ HUMAN/
*MENSTRUATION DISORDERS, drug therapy/
PUBERTY
787. Claman HN, Karr RM, Kohler PF, et al: Systemic
(allergic?) vasculitis.
J Allergy Clin Immunol 54:54-64, Jul 74
ANTIGEN-ANTIBODY COMPLEX/
AZATHIOPRINE, therapeutic use/
COMPLEMENT, analysis/ CREATININE, urine/
DIPHENHYDRAMINE, therapeutic use/
ERYTHROCYTES/ FEMALE/ FLUORESCENT
ANTIBODY TECHNIC/ HUMAN/
HYPERTENSION, drug therapy/ IMMUNE
COMPLEX DISEASE/ INFLAMMATION/
KIDNEY DISEASES, etiology/ KIDNEY
GLOMERULUS, immunology/ METHYLDOPA,
therapeutic use/ MICROSCOPY, ELECTRON/
NECROSIS/ PREDNISONE, therapeutic use/
PROTEINURIA, diagnosis/ SKIN, pathology/
SKIN MANIFESTATIONS/ URINE, cytology/
VASCULAR DISEASES, complications/
VASCULAR DISEASES, diagnosis/ VASCULAR
DISEASES, drug therapy/ *VASCULAR
DISEASES, etiology
788. Clapp NK: Carcinogenicity of nitrosamines and
methanesulphonate esters given intraperitoneally, in
RF mice. *Int J Cancer* 12:728-33, 15 Nov 73
ANIMAL EXPERIMENTS/ BREAST
NEOPLASMS, chemically induced/
CARCINOMA, EPIDERMAL, chemically
induced/ ESTERS/ HEPATOMA, chemically
induced/ INJECTIONS, INTRAPERITONEAL/
LETHAL DOSE 50/ *LEUKEMIA,
EXPERIMENTAL, chemically induced/ LEYDIG
CELL TUMOR, chemically induced/ LIVER
NEOPLASMS, chemically induced/ LUNG
NEOPLASMS, chemically induced/ MALE/
*METHANESULFONATES/
METHANESULFONATES, administration &
dosage/ MICE/ *NEOPLASMS,
EXPERIMENTAL, chemically induced/
*NITROSAMINES/ NITROSAMINES,
administration & dosage/ PAPILLOMA,
chemically induced/ STOMACH NEOPLASMS,
chemically induced/ TESTICULAR
NEOPLASMS, chemically induced
789. Clarke AE, Maritz VM, Fresser J, et al: Quantitative
estimation of neutral and amino sugars of
glycoproteins from human secretions by gas-liquid
chromatography. *Biochem Med* 9:342-53, Apr 74
ABO FACTORS/ BILE, analysis/
CENTRIFUGATION, DENSITY GRADIENT/
CHROMATOGRAPHY, GAS/ COMPARATIVE
STUDY/ EVALUATION STUDIES/ FEMALE/
FUCOSE, analysis/ GALACTOSAMINE,
analysis/ GALACTOSE, analysis/ GASTRIC
JUICE, analysis/ GLUCOSAMINE, analysis/
*GLYCOPROTEINS, analysis/
GLYCOPROTEINS, metabolism/
*HEXOSAMINES, analysis/ *HEXOSES,
analysis/ HUMAN/ METHODS/ ORGAN
- SPECIFICITY/ OVARIAN CYSTS, metabolism/
OXIDATION-REDUCTION/ SALIVA, analysis/
TIME FACTORS/ ULTRAFILTRATION
790. Clarke D, Cook DB, Flear CT, et al: Proceedings: The
effect of reduced blood flow to the adrenal on
corticosteroid secretion and the electrolyte content
of the gland. *Br J Surg* 61:331, Apr 74
*ADRENAL CORTEX HORMONES, secretion/
ADRENAL GLANDS, analysis/ *ADRENAL
GLANDS, blood supply/ ANIMAL
EXPERIMENTS/ CALCIUM, analysis/ DOGS/
*ISCHEMIA/ POTASSIUM, analysis/
REGIONAL BLOOD FLOW/ SODIUM, analysis
791. Clarke PH: Positive and negative control of bacterial
gene expression.
Sci Prog 60:245-58, Summer 72 (34 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ARABINOSIDE, metabolism/
*BACTERIA, enzymology/ ENZYME
INDUCTION/ ENZYME REPRESSION/
ESCHERICHIA COLI, enzymology/ *GENES/
GENES, REGULATOR/ GENETICS,
BIOCHEMICAL/ GLUCOSE, metabolism/
OPERON/ PSEUDOMONAS, enzymology/
REVIEW/ RNA POLYMERASE, metabolism/
TRANSCRIPTION, GENETIC
792. Clarkson EM, Eastwood JB, Koutsalmanis KG, et al:
Net intestinal absorption of calcium in patients with
chronic renal failure. *Kidney Int* 3:258-63, Apr 73
AGE FACTORS/ CALCIUM, blood/ *CALCIUM,
metabolism/ CALCIUM, urine/ CALCIUM,
DIETARY/ COMPARATIVE STUDY/
CREATININE, blood/ FECES, analysis/
FEMALE/ HUMAN/ *INTESTINAL
ABSORPTION/ KIDNEY, physiology/ KIDNEY,
physiopathology/ *KIDNEY FAILURE,
CHRONIC, metabolism/ MALE/ STATISTICS/
TIME FACTORS
793. Clasen RA, Hartmann JF, Coogan PB, et al:
Experimental acute lead encephalopathy in the
juvenile rhesus monkey.
Environ Health Perspect 7:175-85, May 74
ACUTE DISEASE/ ADMINISTRATION, ORAL/
ANIMAL EXPERIMENTS/ BLOOD CELLS/
BODY WEIGHT/ *BRAIN DISEASES,
chemically induced/ BRAIN EDEMA,
chemically induced/ CEREBELLUM, pathology/
CEREBRAL CORTEX, pathology/ *DISEASE
MODELS, ANIMAL/ FEMALE/ GROWTH, drug
effects/ LEAD, administration & dosage/
LEAD, blood/ LEAD, urine/ *LEAD
POISONING, complications/ *MACACA/ MALE/
MICROSCOPY, ELECTRON/ MONKEYS/
VITAMIN D, administration & dosage
794. Clausen KP, Bronstein H: Granulomatous pulmonary
arteritis. A hypereosinophilic syndrome.
Am J Clin Pathol 62:82-7, Jul 74
ANTIBIOTICS, therapeutic use/
ANTIHISTAMINICS, therapeutic use/
ARTERIES, pathology/ *ARTERITIS,
pathology/ ASTHMA, drug therapy/ *ASTHMA,
pathology/ BENZENE DERIVATIVES,
therapeutic use/ BIOPSY/ CASE REPORT/
DIMETHYLAMINES, therapeutic use/
DYSYPNEA, drug therapy/ *EOSINOPHILS/
ETHYL ETHERS, therapeutic use/ HUMAN/
ISOPROTERENOL, therapeutic use/ LUNG,
pathology/ LUNG, radiography/ *LUNG
DISEASES, pathology/ LUNG DISEASES,
radiography/ MALE/ PREDNISONE,
administration & dosage/ PREDNISONE,
adverse effects/ PREDNISONE, therapeutic
use/ PSYCHOSES, TOXIC, etiology/
*PULMONARY ARTERY, pathology/
SYNDROME
795. Clavier RM, Routtenberg A: Ascending
monoamine-containing fiber pathways related to
intracranial self-stimulation: histochemical
fluorescence study. *Brain Res* 72:25-40, 31 May 74
ANIMAL EXPERIMENTS/ BEHAVIOR,
ANIMAL/ *BIOGENIC AMINES/ *BRAIN,
anatomy & histology/ BRAIN MAPPING/
BRAIN STEM, anatomy & histology/
DIENCEPHALON, anatomy & histology/

AUTHOR SECTION

- DOPAMINE/ ELECTRODES/
HISTOCYTOCHEMISTRY/ HYPOTHALAMUS,
anatomy & histology/ LIMBIC SYSTEM,
anatomy & histology/ MALE/ MEDULLA
OBLONGATA, anatomy & histology/
MESENCEPHALON, anatomy & histology/
MICROSCOPY, FLUORESCENCE/ NEURAL
INTERCONNECTIONS, anatomy & histology/
NEURAL TRANSMISSION/
NOREPINEPHRINE/ RATS/ *SELF
STIMULATION/ SUBSTANTIA NIGRA,
anatomy & histology
796. Clemens JA, Shaar CJ, Smalstig EB, et al: Effects of
some psychoactive agents on prolactin secretion in
rats of different endocrine states.
Horm Metab Res 6:187-90, May 74
ANIMAL EXPERIMENTS/ *ANTIDEPRESSIVE
AGENTS, pharmacodynamics/ CASTRATION/
CHLORPROMAZINE, administration & dosage/
CHLORPROMAZINE, pharmacodynamics/
DOPAMINE, metabolism/ ESTRADIOL,
administration & dosage/ ESTRADIOL,
pharmacodynamics/ FEMALE/ INJECTIONS,
INTRAPERITONEAL/ MALE/
METHYLTYROSINES,
administration & dosage/
METHYLTYROSINES, pharmacodynamics/
PIMOZIDE, administration & dosage/
PIMOZIDE, pharmacodynamics/
PROGESTERONE, administration & dosage/
PROGESTERONE, pharmacodynamics/
PROLACTIN, blood/ *PROLACTIN, secretion/
RESERPINE, administration & dosage/
RESERPINE, pharmacodynamics/ *SEX
HORMONES, physiology/ STIMULATION,
CHEMICAL/ *TRANQUILIZING AGENTS,
pharmacodynamics
797. Clement-Cormier YC, Kebabian JW, Petsold GL, et al:
Dopamine-sensitive adenylate cyclase in mammalian
brain: a possible site of action of antipsychotic drugs.
Proc Natl Acad Sci USA 71:1113-7, Apr 74
*ADENYL CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ CAUDATE NUCLEUS, drug
effects/ *CAUDATE NUCLEUS, enzymology/
COMPARATIVE STUDY/ *DOPAMINE,
antagonists & inhibitors/ DOPAMINE,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ ENZYME
ACTIVATION, drug effects/ FLUPHENAZINE,
pharmacodynamics/ GUINEA PIGS/
HALOPERIDOL, pharmacodynamics/
HAMSTERS/ HUMAN/ IN VITRO/
ISOPROTERENOL, pharmacodynamics/
KINETICS/ MICE/ OLFACTORY BULB, drug
effects/ *OLFACTORY BULB, enzymology/
*PHENOTHIAZINE TRANQUILIZERS,
pharmacodynamics/ PIMOZIDE,
pharmacodynamics/ RABBITS/ RATS/
SPECIES SPECIFICITY
798. Clerck F de, Borgers M, Vermeylen J, et al: Human
platelet aggregation by Thromboxan. An
electron-microscopic study of the sequence of events.
Scand J Haematol 12:93-103, 1974
ANTI-INFLAMMATORY AGENTS,
pharmacodynamics/ BLOOD PLATELETS,
cytology/ *BLOOD PLATELETS, drug effects/
CARBON RADIOISOTOPES/ CELL
MEMBRANE, drug effects/ *CEPHALINS,
pharmacodynamics/ CYTOPLASMIC
GRANULES, drug effects/ DEPRESSION,
CHEMICAL/ HUMAN/ INDOMETHACIN,
pharmacodynamics/ MALE/ MICROSCOPY,
ELECTRON/ MICROTUBULES, drug effects/
MITOCHONDRIA, drug effects/ *PLATELET
ADHESIVENESS, drug effects/ SEROTONIN,
blood/ STIMULATION, CHEMICAL/ TIME
FACTORS
799. Clermont HG, Williams JS, Adams JT: Steroid effect on
the release of the lysosomal enzyme acid phosphatase
in shock. Ann Surg 179:917-21, Jun 74
ACID PHOSPHATASE, blood/ *ACID
PHOSPHATASE, metabolism/ ACIDOSIS,
prevention & control/ ANIMAL
EXPERIMENTS/ BLOOD TRANSFUSION,
AUTOLOGOUS/ CELL MEMBRANE
PERMEABILITY, drug effects/ CORONARY
VESSELS/ ENDOTOXINS, administration &
dosage/ HEMOGLOBINOMETRY/ LACTATES,
blood/ LIGATION/ *LYSOSOMES, enzymology/
*METHYLPREDNISOLONE, pharmacodynamics/
METHYLPREDNISOLONE, therapeutic use/
PYRUVATES, blood/ SHOCK, CARDIOGENIC,
drug therapy/ *SHOCK, CARDIOGENIC,
metabolism/ SHOCK, ENDOTOXIC, drug
therapy/ *SHOCK, ENDOTOXIC, metabolism/
SHOCK, HEMORRHAGIC, drug therapy/
*SHOCK, HEMORRHAGIC, metabolism/ TIME
FACTORS
800. Clifton EE, Grossi CE: The rationale of anticoagulants
in the treatment of cancer.
J Med (Basel) 5:107-13, 1974
ANIMAL EXPERIMENTS/
*ANTICOAGULANTS, therapeutic use/ BLOOD
COAGULATION, drug effects/ CARCINOMA
256, WALKER, drug therapy/ CECAL
NEOPLASMS, drug therapy/ CLINICAL
RESEARCH/ DRUG THERAPY,
COMBINATION/ FIBRINOLYSIS,
pharmacodynamics/ FIBRINOLYSIS,
therapeutic use/ FIBRINOLYTIC AGENTS,
therapeutic use/ HEPARIN, therapeutic use/
HUMAN/ LUNG NEOPLASMS, drug therapy/
LUNG NEOPLASMS, radiotherapy/
LYMPHOMA, drug therapy/ NEOPLASM
CIRCULATING CELLS/ NEOPLASM
METASTASIS/ NEOPLASMS, complications/
*NEOPLASMS, drug therapy/ NEOPLASMS,
radiotherapy/ OVARIAN NEOPLASMS,
radiotherapy/ PELVIC NEOPLASMS,
radiotherapy/ RABBITS/ STOMACH
NEOPLASMS, drug therapy/ SWINE/
THROMBOSIS, drug therapy/ THROMBOSIS,
etiology/ VENA CAVA, SUPERIOR/
WARFARIN, therapeutic use
801. Clos J, Crépel F, Legrand C, et al: Thyroid physiology
during the postnatal period in the rat: a study of the
development of thyroid function and of the
morphogenetic effects of thyroxine with special
reference to cerebellar maturation.
Gen Comp Endocrinol 23:178-92, Jun 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
*ANIMALS, NEWBORN/ BONE AND BONES,
growth & development/ CEREBELLUM,
enzymology/ *CEREBELLUM, growth &
development/ CHOLINESTERASE, metabolism/
ELECTROPHYSIOLOGY/ HINDLIMB/
HYPOTHYROIDISM, chemically induced/
MORPHOGENESIS, drug effects/
PROPYLTHIOURACIL/ PURKINJE CELLS,
physiology/ THYROID GLAND, growth &
development/ *THYROID GLAND, physiology/
THYROXINE, blood/ *THYROXINE,
pharmacodynamics
802. Coates ME: Gnotobiotic animals in nutrition research.
Proc Nutr Soc 32:53-8, Sep 73 (27 ref.)
ANIMAL EXPERIMENTS/ *ANIMAL
NUTRITION/ ASCORBIC ACID DEFICIENCY,
metabolism/ BACTERIA, metabolism/
CALCIUM, metabolism/ CHICKENS/
DISACCHARIDASES, metabolism/ FATTY
ACIDS, ESSENTIAL, metabolism/
*GERM-FREE LIFE/ GUINEA PIGS/
INTESTINES, microbiology/ IRON, metabolism/
RABBITS/ RATS/ REVIEW/ VITAMIN A
DEFICIENCY, metabolism/ VITAMIN B
COMPLEX, biosynthesis/ VITAMIN K,
biosynthesis
803. Coburn JW, Hartenbower DL, Norman AW: Metabolism
and action of the hormone vitamin D. Its relation to
diseases of calcium homeostasis.
West J Med 121:22-44, Jul 74 (212 ref.)
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT, ACTIVE/ BONE RESORPTION/
CALCIUM, metabolism/ CALCIUM
METABOLISM DISORDERS, metabolism/
CHOLECALCIFEROL, metabolism/ COLLAGEN,
biosynthesis/ *HOMEOSTASIS/ HUMAN/
HYDROXYCHOLECALCIFEROL, metabolism/
HYPERPARATHYROIDISM, metabolism/
HYPOPARATHYROIDISM, metabolism/
INTESTINAL ABSORPTION/ KIDNEY,
physiology/ KIDNEY DISEASES, metabolism/

AUTHOR SECTION

- LIVER, metabolism/ LIVER DISEASES, metabolism/ REVIEW/ RICKETS, VITAMIN D RESISTANT, metabolism/ SARCOIDOSIS, metabolism/ SKIN, metabolism/ ULTRAVIOLET RAYS/ *VITAMIN D/ VITAMIN D, metabolism/ VITAMIN D, pharmacodynamics/ VITAMIN D DEFICIENCY, metabolism
804. Coburn JW, Hartenbower DL, Massry SG: Intestinal absorption of calcium and the effect of renal insufficiency. *Kidney Int* 4:96-104, Aug 73 (93 ref.)
ADENOSINE TRIPHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE/ CALCIUM, analysis/ *CALCIUM, metabolism/ CALCIUM, therapeutic use/ CALCIUM, DIETARY, metabolism/ CALCIUM RADIOISOTOPES/ DIFFUSION/ DIHYDROXYCHOLECALCIFEROLS, metabolism/ FECES, analysis/ HEMODIALYSIS/ HOMEOSTASIS/ HUMAN/ *INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, physiology/ INTESTINE, SMALL, physiopathology/ KIDNEY, transplantation/ PARATHYROID GLANDS, physiology/ PREDNISONE, pharmacodynamics/ PROTEIN BINDING/ RENAL OSTEODYSTROPHY, drug therapy/ REVIEW/ TRANSPLANTATION, HOMOLOGOUS/ *UREMIA, metabolism/ VITAMIN D, physiology
805. Coburn JW, Koppel MH, Brickman AS, et al: Study of intestinal absorption of calcium in patients with renal failure. *Kidney Int* 3:264-72, Apr 73
ADMINISTRATION, ORAL/ CALCIUM, administration & dosage/ *CALCIUM, metabolism/ CALCIUM, DIETARY/ CALCIUM RADIOISOTOPES/ COMPARATIVE STUDY/ CREATININE, blood/ FEMALE/ FOREARM/ HEMODIALYSIS/ HUMAN/ INJECTIONS, INTRAVENOUS/ *INTESTINAL ABSORPTION/ KIDNEY, transplantation/ *KIDNEY FAILURE, CHRONIC, metabolism/ KIDNEY FAILURE, CHRONIC, therapy/ MALE/ SCINTILLATION COUNTERS/ STATISTICS/ TRANSPLANTATION, HOMOLOGOUS/ UREMIA, metabolism
806. Coffey RG, Hadden JW, Middleton E Jr: Increased adenosine triphosphatase in leukocytes of asthmatic children. *J Clin Invest* 54:138-46, Jul 74
*ADENOSINE TRIPHOSPHATASE, blood/ ASTHMA, drug therapy/ *ASTHMA, enzymology/ ASTHMA, metabolism/ CALCIUM, metabolism/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ FEMALE/ GLUCOCORTICOIDS, administration & dosage/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ LEUKOCYTES, drug effects/ *LEUKOCYTES, enzymology/ LEUKOCYTES, metabolism/ MAGNESIUM, metabolism/ MALE/ ULTRASONICS
807. Coffey RG, Middleton E Jr: Effects of glucocorticosteroids on the urinary excretion of cyclic AMP and electrolytes by asthmatic children. *J Allergy Clin Immunol* 54:41-53, Jul 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, urine/ ASTHMA, drug therapy/ *ASTHMA, urine/ CHLORIDES, urine/ CIRCADIAN RHYTHM/ CREATININE, urine/ *ELECTROLYTES, urine/ FEMALE/ *GLUCOCORTICOIDS, pharmacodynamics/ HISTAMINE, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ METHYLPREDNISOLONE, pharmacodynamics/ POTASSIUM, urine/ PREDNISONE, therapeutic use/ SODIUM, urine/ TRITIUM
808. Cohen T, Cooney DP: Cyclic thrombocytopenia. Case report and review of literature. *Scand J Haematol* 12:9-17, 1974
ADULT/ BIOPSY, NEEDLE/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ BLOOD TRANSFUSION/ BONE MARROW, pathology/ CELL SURVIVAL, drug effects/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, pharmacodynamics/ DEPRESSION, CHEMICAL/ DRUG COMBINATIONS/ FEMALE/ HUMAN/ ISOFLUOROPHATE, diagnostic use/ MEGAKARYOCYTES/ *MENSTRUATION/ MESTRANOL, pharmacodynamics/ MICROSCOPY, PHASE CONTRAST/ NORETHINDRONE, pharmacodynamics/ PHOSPHORUS RADIOISOTOPES/ PREDNISONE, therapeutic use/ PREGNANCY/ SPLENECTOMY/ *THROMBOPENIA, blood/ THROMBOPENIA, drug therapy/ TIME FACTORS
809. Cohn BE: Monitoring direct intra-arterial vasopressor therapy for gastrointestinal bleeding. *J Med Soc NJ* 71:473-6, Jun 74
ADULT/ AGED/ FEMALE/ *HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ MALE/ MIDDLE AGE/ SPLENIC ARTERY, radiography/ *VASOPRESSIN, administration & dosage/ VASOPRESSIN, therapeutic use
810. Cohn JN: Hypertension--1974. *Arch Intern Med* 133:911-3, Jun 74
ANTIHYPERTENSIVE AGENTS, therapeutic use/ BLOOD VESSELS, pathology/ BLOOD VOLUME/ BRAIN, physiopathology/ DIET, SALT-FREE/ HEART, physiopathology/ HEMODIALYSIS/ HUMAN/ HYPERTENSION, diagnosis/ HYPERTENSION, drug therapy/ *HYPERTENSION, physiopathology/ HYPERTENSION, surgery/ HYPERTENSION, therapy/ KIDNEY, physiopathology/ PHYSICIANS/ RENIN, analysis/ VASCULAR RESISTANCE
811. Cohn ML: Letter: Doxapram hydrochloride. *Br J Anaesth* 46:169-70, Feb 74
AMOBARBITAL, antagonists & inhibitors/ *ANESTHETICS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ *DOXAPRAM, pharmacodynamics/ HUMAN/ RESPIRATION, drug effects
812. Cohn ML, Cohn M, Taylor FH: Norepinephrine--an antagonist of dibutyryl cyclic AMP in the regulation of narcosis in the rat. *Res Commun Chem Pathol Pharmacol* 7:687-99, Apr 74
*AMOBARBITAL, pharmacodynamics/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *DIBUTYRYL CYCLIC AMP, antagonists & inhibitors/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ MALE/ MOUTH MUCOSA, secretion/ MUCUS, secretion/ NASAL MUCOSA, secretion/ NOREPINEPHRINE, antagonists & inhibitors/ *NOREPINEPHRINE, pharmacodynamics/ PILOERECTON, drug effects/ POLYURIA, chemically induced/ RATS/ RESPIRATION, drug effects/ SALIVATION, drug effects/ *SLEEP, drug effects/ TIME FACTORS
813. Cohn RA, Barratt ES, Pirch JH: Marijuana responses in rats: influence of castration or testosterone. *Proc Soc Exp Biol Med* 146:109-13, May 74
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ *CANNABIS, pharmacodynamics/ CASTRATION/ ENZYME INDUCTION/ FEMALE/ MALE/ *MICROSOMES, LIVER, enzymology/ PHENOBARBITAL, pharmacodynamics/ PROADIFEN, pharmacodynamics/ RATS/ SEX FACTORS/ *TESTIS, physiology/ *TESTOSTERONE, pharmacodynamics
814. Cohn SH, Ellis KJ, Wallach S, et al: Absolute and relative deficit in total-skeletal calcium and radial bone mineral in osteoporosis. *J Nucl Med* 15:428-35, Jun 74
ACTIVATION ANALYSIS/ ADULT/ AGED/ *BONE AND BONES, analysis/ *CALCIUM, analysis/ *CALCIUM METABOLISM DISORDERS, diagnosis/ DECALCIFICATION, PATHOLOGIC, diagnosis/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MINERALS, analysis/ *OSTEOPOROSIS, diagnosis/ RADIUS, analysis

AUTHOR SECTION

815. Cole JK, Kimber RJ, Kutkaite D: Serum folic acid levels and pregnancy in South Australia. A study of the factors associated with low serum folic acid levels with particular reference to racial groups and lactation. *Med J Aust* 1:421-4, 23 Mar 74
ADOLESCENCE/ ADULT/ AUSTRALIA/
BIOLOGICAL ASSAY/ BREAST FEEDING/
DIET/ *ETHNIC GROUPS/ EUGLENA
GRACILIS/ FEMALE/ *FOLIC ACID, blood/
*FOLIC ACID DEFICIENCY, occurrence/
GREAT BRITAIN/ GREECE/ HEMOGLOBIN,
analysis/ HUMAN/ ITALY/ *LACTATION/
LACTOBACILLUS CASEI/ PREGNANCY/
*PREGNANCY COMPLICATIONS, occurrence/
UMBILICAL CORD/ VITAMIN B 12, blood
816. Cole JO, Stotsky BA: Improving psychiatric drug therapy. A matter of dosage and choice. *Geriatrics* 29:74-8, Jun 74
ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ ANTIDEPRESSIVE AGENTS, administration & dosage/ *ANTIDEPRESSIVE AGENTS, therapeutic use/ ANTIPARKINSON DRUGS, administration & dosage/
ANTIPARKINSON DRUGS, adverse effects/ ANTIPARKINSON DRUGS, therapeutic use/
BRAIN, blood supply/ DEPRESSION, drug therapy/ DEPRESSION, therapy/ DRUG THERAPY, COMBINATION/ HUMAN/
HYPNOTICS AND SEDATIVES, administration & dosage/ HYPNOTICS AND SEDATIVES, adverse effects/ HYPNOTICS AND SEDATIVES, therapeutic use/ *MENTAL DISORDERS, drug therapy/
METHANESULFONATES, therapeutic use/ MOVEMENT DISORDERS, chemically induced/ PAPAVERINE, therapeutic use/
PENTYLENETETRAZOLE, therapeutic use/ PSYCHOSES, SENILE, chemically induced/ SHOCK THERAPY, ELECTRIC/
THIORIDAZINE, administration & dosage/ THIORIDAZINE, adverse effects/
THIORIDAZINE, therapeutic use/
TRANQUILIZING AGENTS, administration & dosage/ TRANQUILIZING AGENTS, adverse effects/ *TRANQUILIZING AGENTS, therapeutic use
817. Cole MP, Todd ID, Wilkinson FM: A preliminary trial of doxorubicin in advanced breast cancer and other malignant disease. *Br J Cancer* 29:114-6, Feb 74
ADRIAMYCIN, administration & dosage/
ADRIAMYCIN, adverse effects/
*ADRIAMYCIN, therapeutic use/ ALOPECIA, chemically induced/ AMELOBLASTOMA, drug therapy/ BONE MARROW CELLS, drug effects/ *BREAST NEOPLASMS, drug therapy/
CLINICAL RESEARCH/ FEMALE/
GASTROINTESTINAL SYSTEM, drug effects/
HEMOGLOBIN, analysis/ HUMAN/
LEUKOCYTE COUNT/ MELANOMA, drug therapy/ NEOPLASM METASTASIS/
SARCOMA, RETICULUM CELL, drug therapy/
THYROID NEOPLASMS, drug therapy
818. Cole P: Proceedings: Epidemiology of human breast cancer. *J Invest Dermatol* 63:133-7, Jul 74 (33 ref.)
ANDROGENS, physiology/ BOSTON/ *BREAST NEOPLASMS, etiology/ BREAST NEOPLASMS, familial & genetic/ BREAST NEOPLASMS, occurrence/ BREAST NEOPLASMS, prevention & control/ COMPARATIVE STUDY/
EPIDEMIOLOGIC METHODS/ ESTRIOL, physiology/ ESTROGENS, physiology/
FEMALE/ GREECE/ HUMAN/ JAPAN/
LACTATION/ MATERNAL AGE/
MENOPAUSE/ PARITY/ PROBABILITY/
PROGESTERONE, physiology/ PROLACTIN, physiology/ REVIEW
819. Coleman R, Phillips AD: The development and fine structure of the ultimobranchial glands in larval Rana temporaria L. *Cell Tissue Res* 148:69-82, 29 Mar 74
ANIMAL EXPERIMENTS/ CELLULAR INCLUSIONS/ CYTOPLASMIC GRANULES/
ENDOPLASMIC RETICULUM/ EPITHELIAL CELLS, cytology/ FROGS/ GOLGI APPARATUS/ LARVA, cytology/ LARVA, growth & development/ LIPIDS/
METAMORPHOSIS, BIOLOGICAL/
MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ MICROTUBULES/
MITOCHONDRIA/ *RANA TEMPORARIA, cytology/ RANA TEMPORARIA, growth & development/ TIME FACTORS/
*ULTIMOBANCHIAL BODY, cytology/
ULTIMOBANCHIAL BODY, growth & development
820. Collett HA: Protection of the dental pulp in construction of fixed partial denture prostheses. *J Prosthet Dent* 31:637-46, Jun 74
ABUTMENTS, DENTAL/ ADRENAL CORTEX HORMONES, therapeutic use/ CALCIUM HYDROXIDE, therapeutic use/ DENTAL AMALGAM/ DENTAL CARRIES, therapy/
DENTAL CEMENTS/ DENTAL HIGH SPEED TECHNIC/ DENTAL IMPRESSION TECHNIC/
*DENTAL PULP/ DENTAL PULP CAPPING/
DENTAL PULP EXPOSURE/ DENTIN, anatomy & histology/ *DENTURE, PARTIAL, FIXED/ HUMAN/ PRESSURE/ TOOTH, anatomy & histology
821. Colley AM, Hunt EL: Cyclic AMP and adrenergic receptors in *Gambusia affinis* melanophore response in vitro. *Gen Comp Endocrinol* 23:154-63, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/ ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/
ANIMAL EXPERIMENTS/ CAFFEINE, pharmacodynamics/ *CHROMATOPHORES, innervation/ CORTICOTROPIN, pharmacodynamics/ DIBENAMINE, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/
DICHLOROISOPROTERENOL, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *FISHES, physiology/
ISOPROTERENOL, pharmacodynamics/
MELANIN/ NOREPINEPHRINE, pharmacodynamics/ *RECEPTORS, ADRENERGIC
822. Collins P, Lacy D: Studies on the structure and function of the mammalian testis. IV. Steroid metabolism in vitro by isolated interstitium and seminiferous tubules of rat testis after heat sterilization. *Proc R Soc Lond [Biol]* 186:37-51, 7 May 74
HEAT/ IN VITRO/ MALE/ MONKEYS/
*PREGNENOLONE, metabolism/
*PROGESTERONE, metabolism/ RATS/
STERILITY, MALE, metabolism/ *TESTIS, metabolism/ TRITIUM
823. Collins WP, Koullapis EN, Ferguson KM, et al: Effects of norethisterone on pituitary and ovarian function. *Acta Endocrinol (Kbh)* 75:357-67, Feb 74
ADMINISTRATION, ORAL/ ADULT/ CARBON RADIOISOTOPES/ ESTRADIOL, blood/
ESTROGENS, urine/ FEMALE/ FSH, urine/
HUMAN/ HYDROXYPROGESTERONE, blood/
IMMUNE SERUMS/ INJECTIONS,
INTRAVENOUS/ IODINE RADIOISOTOPES/
LH, urine/ MENSTRUATION/
NORETHINDRONE, administration & dosage/
*NORETHINDRONE, pharmacodynamics/
*OVARY, drug effects/ *PITUITARY GLAND, drug effects/ PREGNANEDIOL, urine/
PROGESTERONE, administration & dosage/
PROGESTERONE, blood/ PROGESTERONE, pharmacodynamics/ PROGESTERONE, urine/
RADIOIMMUNOASSAY/ TIME FACTORS
824. Collu R, Fraschini RC, Martini L: Role of indoleamines and catecholamines in the control of gonadotrophin and growth hormone secretion. *Prog Brain Res* 39:289-99, 1973
ANIMAL EXPERIMENTS/
CATECHOLAMINES, physiology/ FEMALE/
*GONADOTROPINS, secretion/ *INDOLES/
OVULATION/ PUBERTY/ RATS/
*SOMATOTROPIN, secretion
825. Collu R, Motta M, Massa R, et al: Effect of hypothalamic deafferentations on puberty in the male rat.

AUTHOR SECTION

- Endocrinology 94:1496-501, Jun 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
HYPOTHALAMUS, innervation/
HYPOTHALAMUS, physiology/ MALE/
NEURONS, AFFERENT/ ORGAN WEIGHT/
PROSTATE, anatomy & histology/ *PUBERTY/
RATS/ SEMINAL VESICLES, anatomy &
histology/ TESTIS, anatomy & histology/
TESTOSTERONE, blood
826. Colomb E, Estevenon JP, Figarella C, et al:
Characterization of an additional protein in
pancreatic juice of men with chronic calcifying
pancreatitis. Identification to lactoferrin.
Biochim Biophys Acta 342:306-12, 11 Apr 74
ANIMAL EXPERIMENTS/ CALCIUM,
metabolism/ CALCULI, metabolism/ CHRONIC
DISEASE/ CHYMOTRYPSIN, metabolism/
COMPARATIVE STUDY/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ GEL DIFFUSION
TESTS/ GEL FILTRATION/
IMMUNOELECTROPHORESIS/ LACTOFERRIN,
secretion/ *LACTOGLOBULINS/
LACTOGLOBULINS, metabolism/ MALE/
MOLECULAR WEIGHT/ PANCREAS,
metabolism/ *PANCREAS, secretion/
*PANCREATITIS, metabolism/
POTENTIOMETRY/ RABBITS, immunology/
SPECTROPHOTOMETRY, ULTRAVIOLET
827. Colomera D: Chromosomes of *Molgula manhattensis*
de Kay (Acididae). Experientia 30:352-3, 15 Apr 74
ANIMAL EXPERIMENTS/ *CHROMOSOMES/
MALE/ MEIOSIS/ MITOSIS/ OVUM, cytology/
SPERMATOZOA, cytology/ TESTIS, cytology/
TIME FACTORS/ *UROCHORDATA, cytology
828. Colomera D: Male chromosomes in two populations of
Branchiostoma lanceolatum.
Experientia 30:353-5, 15 Apr 74
ANIMAL EXPERIMENTS/ *CHORDATA,
cytology/ COMPARATIVE STUDY/ ENGLAND/
GENETICS, POPULATION/ ITALY/
KARYOTYPING/ MALE/ MICROSCOPY,
PHASE CONTRAST/ *SEX CHROMOSOMES
829. Colombo ML, Dogliani P, Zoppetti G, et al: Il dosaggio
radioimmunologico delle gonadotropine ipofisarie in
un Turner di mesi 4 e one-half.
Minerva Pediatr 26:293-6, 25 Feb 74 (Ita)
FEMALE/ FSH, urine/ *GONADOTROPINS,
PITUITARY, urine/ HUMAN/ INFANT/ LH,
urine/ RADIOIMMUNOASSAY/ *TURNER'S
SYNDROME, urine
830. Colpaert FC, Callens M: Effects of VMH lesions on CAR
learning in cats. Physiol Behav 12:893-6, May 74
ANIMAL EXPERIMENTS/ *AVOIDANCE
LEARNING/ *CONDITIONING, CLASSICAL/
*ELECTROSHOCK/ ESCAPE REACTION/
EXTINCTION (PSYCHOLOGY)/ FEAR/
*HYPOTHALAMUS, physiology/
IMMOBILIZATION/ MALE/ MOTOR
ACTIVITY/ PAIN/ PUNISHMENT/ REACTION
TIME/ REINFORCEMENT SCHEDULE/
SPECIES SPECIFICITY/ STEREOTAXIC
TECHNICS
831. Colston KW, Evans IM, Galante LS, et al: Proceedings:
Regulation of vitamin D metabolism: factors
influencing the rate of formation of
1,25-dihydroxycholecalciferol by kidney
homogenates. N Engl J Med 291:1xxix, 11 Jun 74
ANIMAL EXPERIMENTS/ *CALCIUM,
pharmacodynamics/ CHICKENS/
DIHYDROXYCHOLECALCIFEROLS,
biosynthesis/ *HYDROXYCHOLECALCIFEROL,
biosynthesis/ HYDROXYLASES, antagonists &
inhibitors/ IN VITRO/ KIDNEY, enzymology/
*KIDNEY, metabolism/ STRONTIUM,
pharmacodynamics
832. Combarrous Y, Maghain-Rogister G: Luteinizing
hormone. I. Circular dichroism and
spectrophotometric titration of porcine and bovine
hormones and of their alpha and beta subunits.
Eur J Biochem 42:7-12, 15 Feb 74
AMINO ACID SEQUENCE/ ANIMAL
EXPERIMENTS/ CATTLE/ CIRCULAR
DICHROISM/ HYDROGEN-ION
CONCENTRATION/ *LH, analysis/
MACROMOLECULAR SYSTEMS/ MOLECULAR
CONFORMATION/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ SWINE/ TYROSINE
833. Combarrous Y, Maghain-Rogister G: Luteinizing
hormone. 2. Relative reactivities of tyrosyl residues of
the porcine hormone towards iodination.
Eur J Biochem 42:13-9, 15 Feb 74
AMINO ACID SEQUENCE/ ANIMAL
EXPERIMENTS/ BINDING SITES/
CARBOXYPEPTIDASES/ CIRCULAR
DICHROISM/ GEL FILTRATION/ HYDROGEN
PEROXIDE/ *IODINE/ *LH, metabolism/
LYSINE/ MACROMOLECULAR SYSTEMS/
MOLECULAR CONFORMATION/ PEPTIDE
FRAGMENTS, isolation & purification/
PEROXIDASES/ SERINE/ SWINE/ TRYPSIN/
*TYROSINE, metabolism
834. Condom R, Emiliani R: I. Preparation of
steroid-antigens through positions of the steroid no
bearing functional groups. Steroids 23:483-98, Apr 74
*ANTIGENS/ BINDING SITES/
BOROHYDRIDES/ CATTLE/
*DEHYDROPIANDROSTERONE/ MOLECULAR
CONFORMATION/ PROTEIN BINDING/
SERUM ALBUMIN, BOVINE/
SPECTROPHOTOMETRY/ *STANOLONE/
STEREISOMERS
835. Coninx P, Grandfils F, Collin J, et al: Hypercalcémie et
cancer. Rev Med Liege 29:284-8, 15 May 74 (Fre)
ADENOCARCINOMA, complications/ BONE
NEOPLASMS, complications/ BONE
RESORPTION, etiology/ BREAST
NEOPLASMS, complications/ CHOLANGIOMA,
complications/ FEMALE/ HUMAN/
HYPERCALCEMIA, diagnosis/
*HYPERCALCEMIA, etiology/
HYPERCALCEMIA, therapy/ LIVER
NEOPLASMS, complications/ LUNG
NEOPLASMS, complications/ MALE/
MULTIPLE MYELOMA, complications/
NEOPLASM METASTASIS/ *NEOPLASMS,
complications/ PROGNOSIS
836. Connelly TG, Goldstein AM, Yamada T: Influence of
hypophysectomy and starvation on blood glucose
levels in the newt, *Notophthalmus viridescens*.
J Exp Zool 188:367-73, Jun 74
ANIMAL EXPERIMENTS/ *BLOOD SUGAR,
analysis/ FEMALE/ HYPOPHYSECTOMY/
LIVER GLYCOGEN, metabolism/ MALE/
*PITUITARY GLAND, physiology/
*SALAMANDERS, metabolism/ *STARVATION,
metabolism
837. Conrad MJ, Feigen GA: Sex hormones and kinetics of
anaphylactic histamine release.
Physiol Chem Phys 6:11-6, 1974
*ANAPHYLAXIS, metabolism/ ANIMAL
EXPERIMENTS/ CASTRATION/
COMPARATIVE STUDY/ *ESTRADIOL,
pharmacodynamics/ FEMALE/ HEART
ATRIUM, drug effects/ *HEART ATRIUM,
secretion/ HISTAMINE, metabolism/
*HISTAMINE LIBERATION, drug effects/
IMMUNIZATION/ KINETICS/ ORGAN
SPECIFICITY/ OVALBUMIN,
pharmacodynamics/ OVARY, physiology/
OVIDUCTS, drug effects/ OVIDUCTS,
metabolism/ *OVIDUCTS, secretion/
*PROGESTERONE, pharmacodynamics/
TEMPERATURE/ TIME FACTORS
838. Constans JP, Schlienger M, Roujeau J, et al: A propos
d'une série de 134 cas de métastases
intra-rachidiennes de l'adulte avec complication
neurologiques.
Sem Hop Paris 49:3611-22, 26 Dec 73 (Fre)
ADENOCARCINOMA/ ADULT/ AGED/
BREAST NEOPLASMS/ DURA MATER/
ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP
STUDIES/ HODGKIN'S DISEASE/ HUMAN/
LYMPHOMA/ MALE/ MIDDLE AGE/
NEOPLASM METASTASIS/ *NEUROLOGIC
MANIFESTATIONS/ NEUROSURGERY, adverse
effects/ PARAPLEGIA, etiology/
PARAPLEGIA, therapy/ SPINAL CORD,

AUTHOR SECTION

- surgery/ SPINAL CORD COMPRESSION, complications/ *SPINAL CORD COMPRESSION, etiology/ SPINAL CORD COMPRESSION, surgery/ *SPINAL CORD NEOPLASMS, complications/ SPINAL CORD NEOPLASMS, radiotherapy/ SPINAL NEOPLASMS, complications/ SPINAL NEOPLASMS, radiotherapy/ THYROID NEOPLASMS
839. Constantinides P, Wiggers KD: Electron microscopic autoradiographic study of cholesterol passage across arterial and capillary endothelium. *Virchows Arch [Pathol Anat]* 362:291-310, 1974
ANIMAL EXPERIMENTS/ AORTA, metabolism/ *ARTERIES, metabolism/ AUTORADIOGRAPHY/ *CAPILLARIES, metabolism/ CELL MEMBRANE PERMEABILITY/ CHOLESTEROL, administration & dosage/ CHOLESTEROL, analysis/ *CHOLESTEROL, metabolism/ CORONARY VESSELS, metabolism/ DESOXYCORTICOSTERONE, administration & dosage/ ENDOTHELIUM, cytology/ HYPERLIPIDEMIA, metabolism/ LIVER CIRCULATION/ MALE/ MICROSCOPY, ELECTRON/ MYOCARDIUM, metabolism/ SODIUM CHLORIDE, adverse effects/ TIME FACTORS/ TUBE FEEDING
840. Cook B, Sutterlin NS, Graber JW, et al: Proceedings: Gonadal steroid synthesis in the Virginian opossum, *Didelphis marsupialis*. *J Endocrinol* 61:ix, Apr 74
ACETATES, metabolism/ ANDROSTENEDIONE, biosynthesis/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CHOLESTEROL, metabolism/ FEMALE/ LH, metabolism/ MALE/ *OPOSSUMS, metabolism/ *OVARY, metabolism/ PREGNENOLONE, metabolism/ PROGESTERONE, biosynthesis/ *SEX HORMONES, biosynthesis/ STEROIDS, biosynthesis/ *TESTIS, metabolism/ TESTOSTERONE, biosynthesis/ TRITIUM
841. Cook HC: A histochemical characterization of malignant tumour mucins as a possible aid in the identification of metastatic deposits. *Med Lab Technol* 30:217-24, Jul 73
CARCINOID TUMOR, diagnosis/ CARCINOMA, diagnosis/ CARCINOMA, BASAL CELL, diagnosis/ CHORIOCARCINOMA, diagnosis/ CYSTADENOMA, MUCINOUS, diagnosis/ HISTOCYTOCHEMISTRY/ HUMAN/ MESOTHELIOMA, diagnosis/ *MUCIN, analysis/ *NEOPLASM METASTASIS/ *NEOPLASM PROTEINS, analysis/ SYNOVIOMA, diagnosis
842. Cooke NJ, Kerr JA, Willey RF, et al: Response to rimlterol and salbutamol aerosols administered by intermittent positive-pressure ventilation. *Br Med J* 2:250-2, 4 May 74
ADULT/ AEROSOLS/ AGED/ *ALBUTEROL, administration & dosage/ ALBUTEROL, therapeutic use/ *ASTHMA, drug therapy/ BECLOMETHASONE, therapeutic use/ BRONCHODILATOR AGENTS, administration & dosage/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART RATE, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ *POSITIVE-PRESSURE RESPIRATION/ PREDNISOLONE, therapeutic use/ SPIROMETRY/ *SYMPATHOMIMETICS, administration & dosage/ SYMPATHOMIMETICS, pharmacodynamics/ SYMPATHOMIMETICS, therapeutic use/ TIME FACTORS
843. Cooke WT, Asquith P, Ruck N, et al: Rickets, growth, and alkaline phosphatase in urban adolescents. *Br Med J* 2:293-7, 11 May 74
ADOLESCENCE/ *ALKALINE PHOSPHATASE, blood/ ASIA/ BODY HEIGHT, drug effects/ BODY WEIGHT, drug effects/ CALCIUM, DIETARY/ DIET/ EMIGRATION AND IMMIGRATION/ ENGLAND/ *ERGOCALCIFEROL, therapeutic use/ FEMALE/ *GROWTH DISORDERS, drug therapy/ HUMAN/ HYDROXYCHOLECALCIFEROL, blood/ MALE/ OSTEOMALACIA, complications/ PROTEIN BINDING/ *RICKETS, drug therapy/ RICKETS, enzymology/ SUNLIGHT/ VEGETARIANISM/ VITAMIN D DEFICIENCY, drug therapy/ WEST INDIES
844. Cools AR: The transsynaptic relationship between dopamine and serotonin in the caudate nucleus of cats. *Psychopharmacologia* 36:17-28, 21 Mar 74
ANIMAL EXPERIMENTS/ APPETITE, drug effects/ BEHAVIOR, ANIMAL, drug effects/ CARBACHOL, pharmacodynamics/ *CAUDATE NUCLEUS, drug effects/ *DOPAMINE, pharmacodynamics/ EQUILIBRIUM, drug effects/ GANGLIA, BASAL, physiology/ HALOPERIDOL, pharmacodynamics/ MALE/ MOTOR ACTIVITY, drug effects/ NEURAL TRANSMISSION/ PROCAINE, pharmacodynamics/ REFLEX, drug effects/ SCOPOLAMINE, pharmacodynamics/ *SEROTONIN, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ STEREOTAXIC TECHNIQS/ STIMULATION, CHEMICAL
845. Cooper CW, McGuigan JE, Schwesinger WH, et al: Correlation between levels of gastrin and thyrocalcitonin in pig thyroid venous blood. *Endocrinology* 95:302-7, Jul 74
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CALCITONIN, blood/ CALCIUM CHLORIDE, pharmacodynamics/ FEMALE/ *GASTRIN, blood/ GASTRIN, pharmacodynamics/ IODINE RADIOISOTOPES/ MALE/ RADIOIMMUNOASSAY/ SWINE/ *THYROID GLAND, blood supply
846. Cooper KJ, Fawcett CP, McCann SM: Inhibitory and facilitatory effects of estradiol 17beta on pituitary responsiveness to a luteinizing hormone-follicle stimulating hormone releasing factor (LH-RF-FSH RF) preparation in the ovariectomized rat. *Proc Soc Exp Biol Med* 145:1422-6, Apr 74
ANIMAL EXPERIMENTS/ CASTRATION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ ESTRUS/ FEMALE/ FSH, blood/ FSH, secretion/ IN VITRO/ LH, blood/ LH, secretion/ LH-FSH RELEASING HORMONE, antagonists & inhibitors/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, secretion/ RADIOIMMUNOASSAY/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS
847. Cooperman MT, Davidoff F, Spark R, et al: Clinical studies of alcoholic ketoacidosis. *Diabetes* 23:433-9, May 74
ACETOACETATES, blood/ ACIDOSIS, drug therapy/ *ACIDOSIS, pathophysiology/ ADULT/ *ALCOHOLIC INTOXICATION, pathophysiology/ ALCOHOLISM, complications/ ANTIGENS/ BICARBONATES, blood/ BICARBONATES, therapeutic use/ BLOOD SUGAR, analysis/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCOSE, therapeutic use/ HUMAN/ HYDROCORTISONE, blood/ HYDROXYBUTYRATES, blood/ INSULIN, blood/ LIVER DISEASES, etiology/ MIDDLE AGE/ PREGNANCY/ PREGNANCY COMPLICATIONS/ SOMATOTROPIN, blood
848. Coovadia HM, Parent MA, Loening WE, et al: An evaluation of factors associated with the depression of immunity in malnutrition and in measles. *Am J Clin Nutr* 27:685-9, Jun 74
ANTIBODY FORMATION/ CELL COUNT/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ DIET THERAPY/ FOLIC ACID DEFICIENCY, immunology/ HUMAN/ HYDROCORTISONE, blood/ HYPERSENSITIVITY, DELAYED/ IMMUNITY/ IMMUNITY, CELLULAR/ IMMUNOGLOBULINS, analysis/ INFANT/ LYMPHOCYTES, metabolism/ *MEASLES, immunology/ *PROTEIN-CALORIE MALNUTRITION, immunology/ PROTEIN-CALORIE MALNUTRITION, therapy/ SERUM ALBUMIN, metabolism/ THYMIDINE, metabolism/ TRANSFERRIN, metabolism/

AUTHOR SECTION

- TRITIUM/ TYPHOID-PARATYPHOID
VACCINES
849. Copeland D, Rashid A, Stewart T, et al: The use of in vitro lymphocyte responsiveness to specific mitogenic agents in the immunological monitoring of human renal allograft recipients.
Tissue Antigens 4:106-114, 1974
AZATHIOPRINE/ AZATHIOPRINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ FEMALE/ GRAFT REJECTION/ HUMAN/ *IMMUNOSUPPRESSION/ IN VITRO/ *KIDNEY, transplantation/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ MALE/ *MITOGENS/ PLANT AGGLUTININS, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ PREDNISOLONE, therapeutic use/ STIMULATION, CHEMICAL/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ STREPTOLYSIN, pharmacodynamics/ THYMIDINE, metabolism/ *TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY/ TRITIUM/ URIDINE, metabolism
850. Coquillaud JP, Andreassian B: La chirurgie des surrénales en 1973. 3. Hypéraldostéronisme primaire, syndrome de Conn.
J Chir (Paris) 108:609-31, Dec 73 (Fre)
ADENOMA, surgery/ *ADRENAL GLAND DISEASES, surgery/ *ADRENAL GLAND HYPERFUNCTION, therapy/ *ADRENAL GLAND NEOPLASMS, surgery/ *ADRENAL GLANDS, surgery/ ADRENALECTOMY/ ADRENOGENITAL SYNDROME, therapy/ *BREAST NEOPLASMS, therapy/ CARCINOMA, surgery/ CYSTS, surgery/ ENGLISH ABSTRACT/ FEMALE/ FEMINIZATION, therapy/ HUMAN/ *HYPERALDOSTERONISM, surgery/ *HYPERTENSION, therapy/ MALE/ NEOPLASM METASTASIS/ NEOPLASTIC ENDOCRINE-LIKE SYNDROMES, therapy
851. Coraboeuf E: Editorial: Membrane electrical activity and double component contraction in cardiac tissue.
J Mol Cell Cardiol 6:215-25, Jun 74 (76 ref.)
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ CELL MEMBRANE, metabolism/ CELL MEMBRANE, physiology/ COMPARATIVE STUDY/ ELECTRIC CONDUCTIVITY/ ELECTROCARDIOGRAPHY/ EVALUATION STUDIES/ GLYCERIN/ *HEART, physiology/ *MEMBRANE POTENTIALS/ METHODS/ MICROELECTRODES/ MYOCARDIUM, cytology/ MYOCARDIUM, metabolism/ POTASSIUM, metabolism/ REVIEW/ SODIUM, metabolism/ SUCROSE
852. Corbel MJ, Morris JA: Studies on a smooth phage-resistant variant of *Brucella abortus*. I. Immunological properties.
Br J Exp Pathol 55:78-87, Feb 74
AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ ANTIBODIES, BACTERIAL/ ANTIBODY FORMATION/ ANTIGENS, analysis/ BACTERIOPHAGE/ BODY WEIGHT/ *BRUCELLA ABORTUS, immunology/ CELL MIGRATION INHIBITION/ CORTISONE, pharmacodynamics/ FEMALE/ HYPERSENSITIVITY, DELAYED/ IMMUNOELECTROPHORESIS/ ORGAN WEIGHT/ PRECIPITIN TESTS/ SPLEEN/ VIRULENCE
853. Cordasco EM, Piedad OH, Nice GW, et al: Newer concepts in managing pulmonary fat embolism.
Geriatrics 29:115-6 passim, Jun 74
ADRENAL CORTEX HORMONES, therapeutic use/ AGED/ ALCOHOL, ETHYL, therapeutic use/ DEXTRAN, therapeutic use/ EMBOLISM, FAT, diagnosis/ EMBOLISM, FAT, drug therapy/ EMBOLISM, FAT, radiography/ *EMBOLISM, FAT, therapy/ HUMAN/ MALE/ MOLECULAR WEIGHT/ OXYGEN INHALATION THERAPY/ POSITIVE-PRESSURE RESPIRATION/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/
- PULMONARY EMBOLISM, radiography/
*PULMONARY EMBOLISM, therapy
854. Cordy PE, Gagnon R, Taves DR, et al: Bone disease in hemodialysis patients with particular reference to the effect of fluoride.
Can Med Assoc J 110:1349-53, 22 Jun 74
ALKALINE PHOSPHATASE, analysis/ BIOPSY/ BONE AND BONES, pathology/ COMPARATIVE STUDY/ DIHYDROTACHYSTEROL, therapeutic use/ FEMALE/ *FIBROUS DYSPLASIA OF BONE, chemically induced/ FIBROUS DYSPLASIA OF BONE, drug therapy/ FIBROUS DYSPLASIA OF BONE, etiology/ FIBROUS DYSPLASIA OF BONE, pathology/ FIBROUS DYSPLASIA OF BONE, radiography/ FINGERS, pathology/ *FLUORIDES, adverse effects/ GLOMERULONEPHRITIS, enzymology/ GLOMERULONEPHRITIS, radiography/ *GLOMERULONEPHRITIS, therapy/ *HEMODIALYSIS, adverse effects/ HUMAN/ MALE
855. Cornforth JW, Phillips GT, Messner B, et al: Substrate stereochemistry of 3-hydroxy-3-methylglutaryl-coenzyme A synthase.
Eur J Biochem 42:591-604, 1 Mar 74
ACETATES/ ANDROSTENEDIONE/ ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL ASSAY/ CARBON RADIOISOTOPES/ CHOLESTEROL/ CHROMATOGRAPHY, PAPER/ COENZYME A/ DEUTERIUM/ ELECTROPHORESIS, PAPER/ GLUTARATES/ ISOTOPE LABELING/ *KETOACID-LYASES, metabolism/ KINETICS/ LACTOBACILLUS/ LIVER, metabolism/ MEVALONIC ACID/ MYCOBACTERIUM, metabolism/ PROTEIN BINDING/ RATS/ SACCHAROMYCES CEREVISIAE, enzymology/ SQUALENE/ STEREOISOMERS/ TRITIUM
856. Corradino RA: Embryonic chick intestine in organ culture: Interaction of adenylate cyclase system and vitamin D₃-mediated calcium absorptive mechanism.
Endocrinology 94:1607-14, Jun 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ CHICK EMBRYO/ *CHOLECALCIFEROL, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DNA, metabolism/ *DUODENUM, metabolism/ *INTESTINAL ABSORPTION, drug effects/ INTESTINAL MUCOSA, metabolism/ ORGAN CULTURE/ PROTEINS, metabolism/ THEOPHYLLINE, pharmacodynamics
857. Corre-Hurst L, Plouchard JM, Jayle MF: Influence exercée par différents androgènes sur la cancérisation du foie du rat par le para-diméthylaminoazobenzène (DAB).
C R Acad Sci [D] (Paris) 277:2441-3, 26 Nov 73 (Fre)
*ANDROGENS, pharmacodynamics/ ANDROSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *DIMETHYLAMINOAZOBENZENE, antagonists & inhibitors/ DROMOSTANOLONE, pharmacodynamics/ DYDROGESTERONE/ *HEPATOMA, chemically induced/ LIVER, drug effects/ *LIVER NEOPLASMS, chemically induced/ MALE/ PROPIONATES, pharmacodynamics/ RATS/ SULFATASES, metabolism/ SULFATES, pharmacodynamics/ TESTOSTERONE, pharmacodynamics/ TIME FACTORS
858. Corrodi F, Binswanger U, Largiadèr F, et al: Erkrankungen nach Nierentransplantation Beobachtungen bei 147 Empfängern von Allotransplantaten der Jahre 1964 bis 1972.
Schweiz Med Wochenschr 104:873-7, 22 Jun 74 (Ger)
AGE FACTORS/ BACTERIAL INFECTIONS, complications/ CARDIOVASCULAR DISEASES, complications/ ENDOCRINE DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ GASTROINTESTINAL DISEASES, complications/ HEMATOLOGIC DISEASES,

AUTHOR SECTION

- complications/ HUMAN/ *KIDNEY, transplantation/ KIDNEY DISEASES, complications/ KIDNEY FAILURE, CHRONIC, surgery/ MALE/ MYCOSES, complications/ *POSTOPERATIVE COMPLICATIONS/ PSYCHOSES, complications/ TIME FACTORS/ *TRANSPLANTATION, HOMOLOGOUS, adverse effects/ URINARY TRACT INFECTIONS, complications/ VIRUS DISEASES, complications
859. Coslovsky R, Wajchenberg BL, Nogueira O: Hyperresponsiveness to lysine-vasopressin in Cushing's disease. *Acta Endocrinol (Kbh)* 75:125-32, Jan 74
ADENOMA, BASOPHILIC, blood/ ADENOMA, BASOPHILIC, complications/ ADENOMA, CHROMOPHOBE, blood/ ADENOMA, CHROMOPHOBE, complications/ ADOLESCENCE/ ADRENAL GLAND NEOPLASMS, blood/ ADRENAL GLAND NEOPLASMS, complications/ BLOOD SUGAR, metabolism/ *CUSHING'S SYNDROME, blood/ CUSHING'S SYNDROME, etiology/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ LYSINE, pharmacodynamics/ MALE/ MIDDLE AGE/ STIMULATION, CHEMICAL/ *VASOPRESSIN, pharmacodynamics
860. Costall B, Naylor RJ: A role for the amygdala in the development of the cataleptic and stereotypic actions of the narcotic agonists and antagonists in the rat. *Psychopharmacologia* 35:203-13, 27 Feb 74
ALCOHOLS, AMYL, pharmacodynamics/ ALCOHOLS, BUTYL, pharmacodynamics/ ALCOHOLS, HEXYL, pharmacodynamics/ *AMYGDALOID BODY, physiology/ *ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ *CATALEPSY, chemically induced/ CYCLOPROPANE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROCOAGULATION/ MALE/ *MORPHINANS, pharmacodynamics/ MORPHINE, pharmacodynamics/ *NARCOTIC ANTAGONISTS, pharmacodynamics/ RATS/ STEREOTAXIC TECHNIQS/ STEREOTYPED BEHAVIOR/ TIME FACTORS
861. Costanzo LS, Sheeche PR, Weiner IM: Renal actions of vitamin D in D-deficient rats. *Am J Physiol* 226:1490-5, Jun 74
ANIMAL EXPERIMENTS/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ GLOMERULAR FILTRATION RATE/ KIDNEY, drug effects/ *KIDNEY, metabolism/ KIDNEY TUBULES, metabolism/ MALE/ NATRIURESIS/ PARATHYROID GLANDS, physiology/ PHOSPHATES, metabolism/ PHOSPHATES, pharmacodynamics/ PHOSPHATES, urine/ SODIUM, metabolism/ *VITAMIN D, pharmacodynamics/ *VITAMIN D DEFICIENCY, metabolism
862. Cottier F: Abklärungsgang bei Hypertonie. (Ger) *Praxis* 63:605-11, 21 May 74
ALDOSTERONE, metabolism/ ANGIOTENSIN, metabolism/ BLOOD PRESSURE/ BLOOD SEDIMENTATION/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTENSION, diagnosis/ HYPERTENSION, metabolism/ HYPERTENSION, physiopathology/ KIDNEY, metabolism/ RENIN, metabolism
863. Cotton WR, Gaines JF: Unerrupted dentition secondary to congenital osteopetrosis in the Osborne-Mendel rat. *Proc Soc Exp Biol Med* 146:554-61, Jun 74
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD CELL COUNT/ BODY WEIGHT/ BONE RESORPTION/ CALCIUM, metabolism/ *DENTITION, abnormalities/ *DISEASE MODELS, ANIMAL/ EYE MANIFESTATIONS/ HEMATOCRIT/ HEMOGLOBINOMETRY/ *MUTATION/ MYELOPROLIFERATIVE DISORDERS, complications/ OSTEOPETROSIS, enzymology/ *OSTEOPETROSIS, familial & genetic/ OSTEOPETROSIS, metabolism/ *RATS, INBRED STRAINS
864. Cottrell GA: Serotonin and free amino acid analysis of ganglia and isolated neurones of *Aplysia dactylomela*. *J Neurochem* 22:557-9, Apr 74
*AMINO ACIDS, analysis/ AMINOBUTYRIC ACID, analysis/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CHROMATOGRAPHY/ DANSYL COMPOUNDS/ *GANGLIA, analysis/ MOLLUSCA, analysis/ *NEURONS, analysis/ PUTRESCINE, analysis/ *SEROTONIN, analysis
865. Cotrias GC, Tang LC, Mena I: Effects of inhibitors and stimulators of protein synthesis on the cerebral actions of L-dopa. *Neurosci Res* 5:97-108, 1973 (28 ref.)
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL, drug effects/ BRAIN, drug effects/ *BRAIN, metabolism/ CAUDATE NUCLEUS, physiology/ CAUDATE NUCLEUS, surgery/ *CHLORAMPHENICOL, pharmacodynamics/ COMPARATIVE STUDY/ *CYCLOHEXIMIDE, pharmacodynamics/ *DACTINOMYCIN, pharmacodynamics/ *DOPA, metabolism/ DOPA, pharmacodynamics/ MALE/ METHYLDOPA, pharmacodynamics/ MOTOR ACTIVITY, drug effects/ NERVE TISSUE PROTEINS, biosynthesis/ *NICOTINAMIDE, pharmacodynamics/ *PUROMYCIN, pharmacodynamics/ REVIEW/ *SOMATOTROPIN, pharmacodynamics/ TIME FACTORS
866. Coulombre AJ, Coulombre JL: The skeleton of the eye. II. Overlap of the scleral ossicles of the domestic fowl. *Dev Biol* 33:257-67, Aug 73
ANIMAL EXPERIMENTS/ *BONE AND BONES, embryology/ BONE DEVELOPMENT/ *CHICK EMBRYO, growth & development/ CHICKENS, anatomy & histology/ CONJUNCTIVA, embryology/ CORNEA, embryology/ OSTEOGENESIS/ *SCLERA, embryology
867. Court J, Díaz F: Alteraciones de conciencia en el síndrome de Sheehan. (Spa) *Rev Med Chil* 101:780-3, Oct 73
*COGNITION DISORDERS, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOPHYSITARISM, complications/ PREGNANCY/ *PUERPERAL DISORDERS, complications/ SHEEHAN'S SYNDROME, complications
868. Couser WG, Lewis EJ: Laboratory suggestion. A method for preservation of immunofluorescence in renal tissue. *Am J Clin Pathol* 61:873-6, Jun 74
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BASEMENT MEMBRANE, immunology/ FLUORESCENCE/ FLUORESCENT ANTIBODY TECHNIC/ *GLOMERULONEPHRITIS, diagnosis/ GLOMERULONEPHRITIS, pathology/ GUINEA PIGS/ IGG/ *KIDNEY, pathology/ *KIDNEY DISEASES, pathology/ KIDNEY GLOMERULUS, immunology/ METHODS/ *MICROSCOPY, FLUORESCENCE/ RABBITS, immunology/ REFRIGERATION/ STAINS AND STAINING/ THIOCYANATES/ *TISSUE PRESERVATION
869. Coutts JR, Dodson K, Black WP: Proceedings: Comparison of steroid hormone production in the gonadotrophin-stimulated menstrual cycle with that found in the normal human menstrual cycle. *J Endocrinol* 61:28-9, Apr 74
CORPUS LUTEUM/ *ESTRADIOL, blood/ FEMALE/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ *MENOTROPINS, pharmacodynamics/ *MENSTRUATION, drug effects/ *PROGESTERONE, blood/ RADIOIMMUNOASSAY
870. Cowie AT: Proceedings: Overview of the mammary gland. *J Invest Dermatol* 63:2-9, Jul 74
ANIMAL EXPERIMENTS/ *BREAST, anatomy & histology/ BREAST, blood supply/ BREAST, immunology/ BREAST, innervation/ BREAST, physiology/ BREAST FEEDING/ FEMALE/ FOLKLORE/ HUMAN/ LACTATION/ MALE/

AUTHOR SECTION

- *MAMMAE, anatomy & histology/ MAMMAE, blood supply/ MAMMAE, embryology/ MAMMAE, growth & development/ MAMMAE, immunology/ MAMMAE, innervation/ MAMMAE, physiology/ MAMMALS/ MEDICINE IN ART
871. Cox JE, Williams JH, Rowe PH, et al: Testosterone in normal, cryptorchid and castrated male horses. *Equine Vet J* 5:85-90, Apr 73
ANIMAL EXPERIMENTS/ ANTIBODIES/
*CASTRATION, veterinary/ CRYPTORCHISM, blood/ *CRYPTORCHISM, veterinary/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ *HORSE DISEASES, blood/ *HORSES, physiology/ MALE/ RABBITS, immunology/ RADIOIMMUNOASSAY/
*TESTOSTERONE, blood
872. Coy DH, Coy EJ, Schally AV, et al: Synthesis and biological properties of (D-Ala-6, des-Gly-NH2-10)-LH-RH ethylamide, a peptide with greatly enhanced LH- and FSH-releasing activity. *Biochem Biophys Res Commun* 57:335-40, 25 Mar 74
ALANINE/ AMIDES/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CASTRATION/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ FEMALE/ FSH, secretion/ GEL FILTRATION/ GLYCINE/ LH, secretion/ *LH-FSH RELEASING HORMONE, chem synthesis/ LH-FSH RELEASING HORMONE, metabolism/ MALE/ *OLIGOPEPTIDES, chem synthesis/ OLIGOPEPTIDES, metabolism/ OVARY, physiology/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP
873. Crabtree JA: Herpes zoster oticus and facial paralysis. *Otolaryngol Clin North Am* 7:369-73, Jun 74 (18 ref.)
CORTISONE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ EAR, EXTERNAL, pathology/ *FACIAL NERVE, pathology/ FACIAL NERVE, surgery/ FACIAL PARALYSIS, diagnosis/ *HERPES ZOSTER/ HERPES ZOSTER, diagnosis/ HERPES ZOSTER, drug therapy/ HERPES ZOSTER, surgery/ HUMAN/ REVIEW/ SYNDROME
874. Craft I, Bowen-Simpkins P: Letter: Adverse reactions to intra-amniotic urea and prostaglandin. *Br Med J* 2:446, 25 May 74
*ABORTION, INDUCED, adverse effects/ *AMNION/ FEMALE/ HUMAN/ INJECTIONS/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, adverse effects/ UREA, administration & dosage/ *UREA, adverse effects
875. Craft I, Carriere E, Youssefnejadian E: Plasma hormone profiles following high-dose intraamniotic prostaglandin F2alpha. *Obstet Gynecol* 44:135-41, Jul 74
*ABORTION, INDUCED/ AMNION/ BLOOD SPECIMEN COLLECTION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ESTRADIOL, blood/ *ESTRIOL, blood/ *ESTRONE, blood/ FEMALE/ GESTATIONAL AGE/ HUMAN/ *HYDROXYPROGESTERONE, blood/ *PROGESTERONE, blood/ *PROSTAGLANDINS, administration & dosage/ PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, therapeutic use/ TIME FACTORS
876. Craft I, Youssefnejadian E: Letter: Cervical injury and prostaglandins. *Br Med J* 2:271-2, 4 May 74
ABORTION, INDUCED, adverse effects/ *CERVIX UTERI, injuries/ DILATATION/ FEMALE/ HUMAN/ PREGNANCY/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, adverse effects/ UREA, administration & dosage
877. Cramer CF: Effect of salmon calcitonin on in vivo calcium absorption in rats. *Calcif Tissue Res* 13:169-72, 23 Oct 73
ANIMAL EXPERIMENTS/ *CALCITONIN, physiology/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ *INTESTINAL ABSORPTION/ PARATHYROID GLANDS, physiology/ PARATHYROID HORMONE, physiology/ SALMON/ THYROID GLAND, physiology/ THYROIDECTOMY/ THYROXINE, physiology
878. Cramer MB, Cates LA: Effects of dimethyl sulfoxide and trimethylphosphine oxide on percutaneous absorption of corticosteroids in the rat. *J Pharm Sci* 63:793-4, May 74
ADRENAL GLANDS, drug effects/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ *CORTISONE, metabolism/ *DIMETHYL SULFOXIDE, pharmacodynamics/ HYDROCORTISONE, metabolism/ MALE/ ORGAN WEIGHT/ *PHOSPHINES, pharmacodynamics/ RATS/ *SKIN ABSORPTION, drug effects/ THYMUS GLAND, drug effects/ TIME FACTORS
879. Cramer OM, Porter JC: Input to releasing factor cells. *Prog Brain Res* 39:73-85, 1973
ANIMAL EXPERIMENTS/ CATECHOLAMINES, pharmacodynamics/ FEEDBACK/ FSH, secretion/ *HYPOTHALAMO-HYPOPHYSAL SYSTEM, cytology/ INDOLES, pharmacodynamics/ LH, secretion/ MALE/ NEURAL TRANSMISSION/ NEUROHORMONS/ RATS/ RECEPTORS, HORMONE
880. Crandall BF, Carrel RE, Howard J, et al: Trisomy 13 with a 13-X translocation. *Am J Hum Genet* 26:385-92, May 74
AUTORADIOGRAPHY/ *CHROMOSOMES, HUMAN, 13-15/ DERMATOGLYPHICS/ FEMALE/ HUMAN/ INFANT, NEWBORN/ KARYOTYPING/ MENTAL RETARDATION, familial & genetic/ MICROPHthalmos, familial & genetic/ MYOCLONUS, familial & genetic/ PHENOTYPE/ *SEX CHROMOSOMES/ STAINS AND STAINING/ THYMIDINE, metabolism/ *TRISOMY/ TRITIM
881. Crasselt C, Altus RE, Hunger R, et al: Ergebnisse einer rheumachirurgischen Studie unter Berücksichtigung des Gelenkdefundes. *Z Aertzt Fortbild (Jena)* 68:188-92, 15 Feb 74 (Ger)
AGE FACTORS/ *ARTHRITIS, RHEUMATOID, surgery/ ARTHROPLASTY/ CARTILAGE, ARTICULAR, surgery/ CHRONIC DISEASE/ EVALUATION STUDIES/ FEMALE/ HUMAN/ JOINT DISEASES, etiology/ KNEE, surgery/ *KNEE JOINT/ MALE/ MOVEMENT DISORDERS, etiology/ OSTEOPOROSIS, etiology/ PAIN, etiology/ POSTOPERATIVE COMPLICATIONS/ SYNOVIAL MEMBRANE, surgery/ WOUND HEALING
882. Craswell FW, Ezmat E, Kopstein J, et al: Use of metolazone, a new diuretic, in patients with renal disease. *Nephron* 12:63-73, 1974
ADMINISTRATION, ORAL/ ANTIHYPERTENSIVE AGENTS, administration & dosage/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ BLOOD PRESSURE/ BLOOD SUGAR, analysis/ CREATININE, urine/ DIURETICS, SULFAMYL, administration & dosage/ *DIURETICS, SULFAMYL, therapeutic use/ EDEMA, drug therapy/ FEMALE/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYPERTENSION, drug therapy/ INJECTIONS, INTRAVENOUS/ INULIN, urine/ *KIDNEY DISEASES, drug therapy/ LIVER FUNCTION TESTS/ MALE/ POTASSIUM, urine/ QUINAZOLINES, administration & dosage/ *QUINAZOLINES, therapeutic use/ RENIN, blood/ SODIUM, urine/ URIC ACID, blood
883. Creange JE, Potts GO: A competitive radioligand assay for danazol (17 alpha-pregn-4-en-20-yno(2,3-d)isoxazol-17-ol) using pregnant guinea pig plasma. *Steroids* 23:411-20, Mar 74
ALKYNES, biosynthesis/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, metabolism/ CHARCOAL/ CHROMATOGRAPHY, PAPER/ DEPRESSION, CHEMICAL/ FEMALE/ GONADOTROPINS, PITUITARY, biosynthesis/ GUINEA PIGS/ HUMAN/ HYDROXYSTEROIDS, biosynthesis/ METHODS/ OXAZOLES, biosynthesis/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, metabolism/

AUTHOR SECTION

- *PREGNADIENES, biosynthesis/ PREGNANCY/ PROGESTERONE, metabolism/ PROTEIN BINDING/ RADIOLIGAND ASSAY/ TRITIUM
884. Creighton MO, Trevithick JR: Effect of cyclic AMP, caffeine and theophylline on differentiation of lens epithelial cells. *Nature* 249:767-8, 21 Jun 74
ANIMAL EXPERIMENTS/ *CAFFEINE, pharmacodynamics/ CELL DIFFERENTIATION, drug effects/ CELL DIVISION, drug effects/ CELLS, CULTURED/ CLONE CELLS/ CRYSTALLINS, biosynthesis/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DRUG SYNERGISM/ *LENS, CRYSTALLINE, cytology/ LENS, CRYSTALLINE, metabolism/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics
885. Cremonesi P, Carrea G, Ferrara L, et al: Enzymatic dehydrogenation of testosterone coupled to pyruvate reduction in a two-phase system. *Eur J Biochem* 44:401-5, 15 May 74
ACETIC ACIDS/ ALCOHOLS, BUTYL/ *ANDROSTENEDIONE, metabolism/ EMULSIONS/ ESTERS/ HYDROGEN-ION CONCENTRATION/ HYDROXYSTEROID DEHYDROGENASES/ KINETICS/ LACTATE DEHYDROGENASE/ METHODS/ NAD/ PYRUVATE DEHYDROGENASE COMPLEX/ SOLVENTS/ TEMPERATURE/ *TESTOSTERONE, metabolism/ WATER
886. Crenshaw MA, Ramp WK, Gonnerman WA, et al: Effects of dietary vitamin D levels on the in vitro mineralization of chick metaphyses. *Proc Soc Exp Biol Med* 146:488-93, Jun 74
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ *BONE AND BONES, physiopathology/ *BONE MATRIX, drug effects/ *CALCIFICATION, PHYSIOLOGIC, drug effects/ CALCIUM, blood/ CALCIUM, metabolism/ *CALCIUM, pharmacodynamics/ CALCIUM, DIETARY/ CHICKENS/ IN VITRO/ *VITAMIN D DEFICIENCY, physiopathology
887. Crews D, Licht P: Inhibition by corpora atretica of ovarian sensitivity to environmental and hormonal stimulation in the lizard, *Anolis carolinensis*. *Endocrinology* 95:102-6, Jul 74
ANIMAL EXPERIMENTS/ FEMALE/ *FSH, pharmacodynamics/ *LIGHT/ *LIZARDS/ OVARY, drug effects/ *OVARY, physiology
888. Crighton DB, Schafer DJ: Proceedings: Effects of various synthetic fragments of the decapeptide molecule of gonadotrophin releasing factor on the release of luteinizing hormone from ovine pituitary tissue in vitro. *J Endocrinol* 61:xi, Apr 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *GONADOTROPINS, PITUITARY/ IN VITRO/ *LH, secretion/ *PITUITARY GLAND, drug effects/ *PITUITARY HORMONE RELEASING HORMONES, pharmacodynamics/ SHEEP
889. Crighton DB, Scott SA, Foster JF: Proceedings: An attempt to simulate, by injection of luteinizing hormone releasing hormone in the anoestrous sheep, the pattern of release observed at oestrus and the effects of this on luteinizing hormone release. *N Engl J Med* 291:63-4, 11 Jun 74
ANIMAL EXPERIMENTS/ *ESTRUS, drug effects/ FEMALE/ INJECTIONS, INTRAVENOUS/ *LH, secretion/ LH-FSH RELEASING HORMONE, administration & dosage/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ RADIOIMMUNOASSAY/ SHEEP
890. Crissman HA, Tobey RA: Cell-cycle analysis in 20 minutes. *Science* 184:1297-8, 21 Jun 74
*CELL DIVISION/ CELL LINE/ *CELLS, CULTURED, analysis/ CYTOLOGICAL TECHNIQUES/ *DNA, analysis/ DNA REPLICATION/ FEMALE/ FLUORESCENCE/ *FLUOROMETRY/ HAMSTERS/ HELA CELLS/ HUMAN/ KINETICS/ LUNG, embryology/ METHODS/ *MITHRAMYCIN/ MITOSIS/ OVARY/ SPECTROMETRY, FLUORESCENCE/ STAINS AND STAINING
891. Cristy M: Effects of prolactin and thyroxine on the visual pigments of trout, *Salmo gairdneri*. *Gen Comp Endocrinol* 23:58-62, May 74
ANIMAL EXPERIMENTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ MALE/ PORPHYRINS, metabolism/ *PROLACTIN, pharmacodynamics/ *RETINAL PIGMENTS, metabolism/ *RODS AND CONES, metabolism/ *SALMONIDAE, physiology/ SPECTROPHOTOMETRY/ *THYROXINE, pharmacodynamics
892. Croce CM, Koprowski H: Positive control of transformed phenotype in hybrids between SV40-transformed and normal human cells. *Science* 184:1288-9, 21 Jun 74
*ANTIGENS, NEOPLASM, analysis/ *ANTIGENS, VIRAL, analysis/ CELL DIVISION/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CHROMOSOMES, HUMAN, 6-12/ CLONE CELLS/ CONTACT INHIBITION/ FIBROBLASTS/ GENES/ *GENOTYPE/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HUMAN/ HYBRID CELLS, enzymology/ *HYBRID CELLS, immunology/ KARYOTYPING/ LESCH-NYHAN SYNDROME/ LUNG, embryology/ PENTOSYLTRANSFERASES, metabolism/ *PHENOTYPE/ POLYPLOIDY/ SEX CHROMOSOMES/ *SV40 VIRUS, immunology
893. Croce CM, Koprowski H, Litwack G: Regulation of the corticosteroid inducibility of tyrosine aminotransferase in interspecific hybrid cells. *Nature* 249:839-41, 28 Jun 74
ANIMAL EXPERIMENTS/ CELL FUSION/ CELL LINE/ CHROMATOGRAPHY, ION EXCHANGE/ CLONE CELLS, enzymology/ *DEXAMETHASONE, pharmacodynamics/ ENZYME INDUCTION, drug effects/ HEPATOMA/ HUMAN/ *HYBRID CELLS, enzymology/ HYBRID CELLS, metabolism/ KARYOTYPING/ RECEPTORS, HORMONE, drug effects/ TRANSCRIPTION, GENETIC/ TRITIUM/ *TYROSINE AMINOTRANSFERASE, metabolism
894. Croft CB, Hemein RR: Inflammatory sub-glottic stenosis. *J Laryngol Otol* 88:479-82, May 74
AGED/ AMPICILLIN, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GRANULATION TISSUE/ HUMAN/ LARYNGEAL NEOPLASMS, diagnosis/ LARYNGITIS, complications/ LARYNGOSTENOSIS, drug therapy/ *LARYNGOSTENOSIS, etiology/ LARYNGOSTENOSIS, pathology/ OCCUPATIONAL DISEASES, mortality/ *OCCUPATIONAL DISEASES, occurrence/ PREDNISONE, therapeutic use/ TOMOGRAPHY, RADIOGRAPHIC
895. Croker BP Jr, Tisher CC: Factors affecting fluid movement and intercellular space formation in the toad bladder. *Kidney Int* 1:145-55, Mar 72
ACETYLCHOLINE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ BLADDER, drug effects/ *BLADDER, physiology/ BUFO MARINUS/ DILATATION/ *EXTRACELLULAR SPACE/ EXTRACELLULAR SPACE, drug effects/ EXTRACELLULAR SPACE, metabolism/ HYDROSTATIC PRESSURE/ MEMBRANE POTENTIALS/ MUCOUS MEMBRANE, drug effects/ MUSCLE CONTRACTION, drug effects/ OSMOSIS, drug effects/ *PRESSURE/ SEROUS MEMBRANE, drug effects/ VASOPRESSIN, antagonists & inhibitors/ *VASOPRESSIN, pharmacodynamics/ *WATER, metabolism
896. Crome L: Underdevelopment of the pituitary. *Dev Med Child Neurol* 16:222-4, Apr 74
FEMALE/ HUMAN/ MALE/ *PITUITARY GLAND, abnormalities
897. Cronin SR, Giri SN: Effects of pulmonary irritants on

AUTHOR SECTION

- DNA, ATPase activity, and histamine on rat lung.
Proc Soc Exp Biol Med 146:120-5, May 74
*ADENOSINE TRIPHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ *DNA, metabolism/
HISTAMINE, blood/ *HISTAMINE, metabolism/
LUNG, enzymology/ *LUNG, metabolism/
MALE/ ORGAN WEIGHT/ *OZONE,
pharmacodynamics/ *PHENYLTHIOUREA,
pharmacodynamics/ PULMONARY EDEMA,
chemically induced/ *PULMONARY EDEMA,
metabolism/ RATS/ *THIOUREA,
pharmacodynamics
898. Cronqvist S, Efsing HO, Hughes R: Brain scanning in the differential diagnosis of supratentorial tumours.
Acta Radiol [Diagn] (Stockh) 13:878-92, 1972
ADENOMA, diagnosis/ *ASTROCYTOMA,
diagnosis/ BIOPSY/ BRAIN, pathology/
*BRAIN NEOPLASMS, diagnosis/ BRAIN
NEOPLASMS, radiography/ CEREBRAL
ANGIOGRAPHY/ COMPARATIVE STUDY/
DIAGNOSIS, DIFFERENTIAL/ EPENDYMOMA,
diagnosis/ *GLIOMA, diagnosis/ HUMAN/
*MENINGIOMA, diagnosis/ NEOPLASM
METASTASIS/ NEOPLASMS, MULTIPLE
PRIMARY, diagnosis/ OLIGODENDROGLIOMA,
diagnosis/ PITUITARY NEOPLASMS,
diagnosis/ PNEUMOENCEPHALOGRAPHY/
*RADIOISOTOPE SCANNING/ SARCOMA,
RETICULUM CELL, diagnosis/ *TECHNETIUM,
diagnostic use
899. Cross BA: Towards a neurophysiological basis for ovulation.
J Reprod Fertil [Suppl] 20:97-117, Dec 73 (48 ref.)
ACTION POTENTIALS/ ANIMAL
EXPERIMENTS/ BRAIN MAPPING/
CASTRATION/ CEREBRAL VENTRICLES,
drug effects/ CIRCADIAN RHYTHM/
CONTRACEPTIVES, ORAL/ DOPAMINE,
pharmacodynamics/ ELECTRIC STIMULATION/
EPINEPHRINE, pharmacodynamics/ ESTRUS/
EVOKED POTENTIALS/ FEMALE/ HUMAN/
*HYPOTHALAMUS, physiology/ LH, secretion/
LH-FSH RELEASING HORMONE, physiology/
*OVULATION/ OXYTOCIN, secretion/
PITUITARY GLAND, secretion/ REVIEW/
STIMULATION, CHEMICAL
900. Cross SA, Alabaster VA, Bakhle YS, et al: Sites of uptake of 3H-5-hydroxytryptamine in rat isolated lung. Histochemistry 39:83-91, 27 Mar 74
AMITRIPTYLINE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BENZYL COMPOUNDS,
pharmacodynamics/ BIOLOGICAL
TRANSPORT/ COMPARATIVE STUDY/
ENDOTHELIUM, cytology/ ENDOTHELIUM,
metabolism/ FEMALE/ FREEZING/
HISTOCYTOCHEMISTRY/ HYDRAZINES,
pharmacodynamics/ LUNG, cytology/ LUNG,
drug effects/ *LUNG, metabolism/ MALE/
MONOAMINE OXIDASE INHIBITORS,
pharmacodynamics/ PERFUSION/
PHENYLHYDRAZINE, pharmacodynamics/
PULMONARY ALVEOLI, cytology/
PULMONARY ALVEOLI, metabolism/
*SEROTONIN, metabolism/ TRITIUM
901. Crystle CD, Townsley JD: The effect of increasing maternal dehydroepiandrosterone sulfate on estrogen synthesis by pregnant baboons.
Endocrinology 94:1743-5, Jun 74
ANIMAL EXPERIMENTS/ BABOONS/
CARBON RADIOISOTOPES/
*DEHYDROEPIANDROSTERONE,
pharmacodynamics/ *ESTRADIOL, biosynthesis/
FEMALE/ MONKEYS/ PLACENTA, drug
effects/ *PLACENTA, metabolism/
PREGNANCY/ SULFATES/ TRITIUM
902. Csaba G, Baráth F: The effect of pinealectomy on the parafollicular cells of the rat thyroid gland.
Acta Anat (Basel) 88:137-46, 1974
ANIMAL EXPERIMENTS/ CYTOPLASMIC
GRANULES/ GOLGI APPARATUS/
MICROSCOPY, ELECTRON/ *PINEAL BODY,
physiology/ RATS, INBRED STRAINS/
THYROID GLAND, cytology/ *THYROID
GLAND, physiology/ TIME FACTORS
903. Csaba I, Keller G, Nagy P, et al: Chirurgische Behandlung der weiblichen Sterilität--Tubenimplantation.
Zentralbl Gynaekol 96:490-5, 19 Apr 74 (Ger)
ANTIBIOTICS, therapeutic use/ CORTISONE,
therapeutic use/ ENGLISH ABSTRACT/
*FALLOPIAN TUBES, surgery/ FEMALE/
HUMAN/ HYSTEROSALPINGOGRAPHY/
METHODS/ POSTOPERATIVE CARE/
*REIMPLANTATION/ *STERILITY, FEMALE,
surgery/ SUTURE TECHNIQS/ UTERUS,
surgery
904. Csaba I, Szabó I, Nagy P: Correlation between G-6-PD activity of the erythrocytes and the sex chromatin frequency in the somatic cells in new-born girls.
Biol Neonate 24:113-6, 1974
AGE FACTORS/ *ERYTHROCYTES,
enzymology/ *ESTROGENS, physiology/
FEMALE/ *GLUCOSEPHOSPHATE
DEHYDROGENASE, blood/ HUMAN/
*INFANT, NEWBORN/ MATERNAL-FETAL
EXCHANGE/ MOUTH MUCOSA, cytology/
*SEX CHROMATIN/ SEX FACTORS/
VAGINAL SMEARS
905. Csapo A, Dray F, Erdos T: Letter: Oestradiol 17beta inhibitor of placental growth. Lancet 2:51-2, 6 Jul 7
ANIMAL EXPERIMENTS/ CASTRATION/
ESTRADIOL, administration & dosage/
ESTRADIOL, blood/ *ESTRADIOL,
pharmacodynamics/ FEMALE/ FETUS, drug
effects/ FETUS, growth & development/
IMMUNIZATION/ OVARY, secretion/
*PLACENTA, drug effects/ PLACENTA,
growth & development/ RATS, INBRED
STRAINS
906. Csapó Z, Gervain M: A here malakoplakidja.
Orv Hetil 115:87-9, 13 Jan 74 (Hun)
BACTERIURIA, microbiology/ EPIDIDYMITIS,
complications/ ESCHERICHIA COLI
INFECTIONS, complications/ HUMAN/
*MALACOPLAKIA, complications/
MALACOPLAKIA, microbiology/
MALACOPLAKIA, pathology/ MALE/
*TESTICULAR DISEASES, complications/
TESTIS, pathology
907. Cséplí J, Erdélyi A: Circulatory actions of prostaglandin F2alpha in the rat. Bibl Anat 12:449-52, 1973
ADMINISTRATION, TOPICAL/ ANIMAL
EXPERIMENTS/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ FEMALE/
*MICROCIRCULATION, drug effects/
MENTUM, blood supply/ PROSTAGLANDINS
administration & dosage/ *PROSTAGLANDINS
pharmacodynamics/ RATS/ *VASOMOTOR
SYSTEM, drug effects
908. Cuatrecasas F: Editorial: Problems in receptor identification: catecholamines.
N Engl J Med 291:206, 25 Jul 74
ANIMAL EXPERIMENTS/ BINDING SITES/
*CATECHOLAMINES, metabolism/
RECEPTORS, ADRENERGIC/ *RECEPTORS,
DRUG/ RECEPTORS, HORMONE/ TRITIUM
909. Cuervo-Rocha S, Zambrano D: The action of proteolysis inhibitors and thyrotropin releasing factor on the ultrastructure of rat thyrocytes.
J Ultrastruct Res 48:1-16, Jul 74
ANIMAL EXPERIMENTS/ ANIMALS,
NEWBORN/ AUTORADIOGRAPHY/
CYCLOHEXIMIDE, pharmacodynamics/
CYTOPLASMIC GRANULES/ DACTINOMYCIN
pharmacodynamics/ ENDOPLASMIC
RETICULUM/ EXOCYTOSIS/ GOLGI
APPARATUS/ LEUCINE, metabolism/ MALE/
MICROSCOPY, ELECTRON/ PITUITARY
GLAND, cytology/ *PITUITARY GLAND, drug
effects/ *PROTEINS, biosynthesis/
PUROMYCIN, pharmacodynamics/ RATS,
INBRED STRAINS/ THYROID GLAND,
physiology/ THYROIDECTOMY/
*THYROTROPIN RELEASING HORMONE,
pharmacodynamics/ TRITIUM
910. Cunningham PJ, Naber CH, Zimmerman DR, et al: Influence of nutritional regime on age at puberty in

AUTHOR SECTION

- gills. *J Anim Sci* 39:63-7, Jul 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
ANIMAL FEED/ *ANIMAL NUTRITION/
BODY WEIGHT/ CORN/ DIET/ ESTRUS/
FEMALE/ MINERALS, administration &
dosage/ *PUBERTY/ SOY BEANS/ *SWINE,
physiology/ VITAMINS, administration &
dosage
911. Curcuro-Giordano FM, Weed RG, Jenkins EC: Banding analysis of the chromosomes of *Marmosa mitchellii* (murine opossum). *Can J Genet Cytol* 16:31-8, Mar 74
ANIMAL EXPERIMENTS/ CELLS,
CULTURED/ *CHROMOSOMES/ FEMALE/
HETEROCHROMATIN/ KARYOTYPING/
MALE/ *OPOSSUMS/ POLYPOIDY/ SEX
CHROMOSOMES/ STAINS AND STAINING
912. Curry DL, Bennett LL, Li CH: Direct inhibition of insulin secretion by synthetic somatostatin. *Biochem Biophys Res Commun* 58:885-9, 4 Jun 74
ANIMAL EXPERIMENTS/ GLUCOSE,
pharmacodynamics/ *INSULIN, secretion/
ISLANDS OF LANGERHANS, drug effects/
*ISLANDS OF LANGERHANS, secretion/
*PEPTIDES, pharmacodynamics/ PERFUSION/
RADIOIMMUNOASSAY/ *SOMATOTROPIN
RELEASING HORMONE, antagonists &
inhibitors/ TIME FACTORS
913. Curry OB, Basten JF, Francis MJ, et al: Calcium uptake by sarcoplasmic reticulum of muscle from vitamin D-deficient rabbits. *Nature* 249:83-4, 3 May 74
ANIMAL EXPERIMENTS/ *CALCIUM,
metabolism/ CALCIUM RADIOISOTOPES/ IN
VITRO/ RABBITS/ SARCOPLASMIC
RETICULUM, drug effects/ *SARCOPLASMIC
RETICULUM, metabolism/ VITAMIN D,
pharmacodynamics/ *VITAMIN D
DEFICIENCY, metabolism
914. Curtin CC, Gajdusek DC, O'Brien D, et al: Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of western New Guinea. IV. Serum proteins and haptoglobins, transferrins and hemoglobin types in goitrous and adjacent non-goitrous Western Dani populations. *Hum Biol* 46:331-8, May 74
*BLOOD PROTEINS/ *CENTRAL NERVOUS
SYSTEM, abnormalities/ FEMALE/ GOITER,
ENDEMIC, blood/ *GOITER, ENDEMIC,
complications/ *HAPTOGLOBINS, analysis/
*HEMOGLOBIN, analysis/ HEMOGLOBINS,
ABNORMAL, analysis/ HUMAN/ MALE/ NEW
GUINEA/ SERUM ALBUMIN/ *TRANSFERRIN,
analysis
915. Curthoys NP, Weiss RF: Regulation of renal ammoniogenesis. Subcellular localization of rat kidney glutaminase isoenzymes. *J Clin Invest* 53:3261-6, Jun 74
ADENYL CYCLASE, metabolism/ *AMMONIA,
metabolism/ ANIMAL EXPERIMENTS/ CELL
NUCLEUS, enzymology/ CENTRIFUGATION,
DENSITY GRADIENT/ CYTOCHROME C/
CYTOCHROME OXIDASE, metabolism/
CYTOCHROME REDUCTASES, metabolism/
CYTOSOL, enzymology/ DETERGENTS/
DIGITONIN/ *GLUTAMINASE, metabolism/
*ISOENZYMES, metabolism/ KIDNEY,
cytology/ *KIDNEY, enzymology/ MALATE
DEHYDROGENASE, metabolism/ MALE/
MALEATES, pharmacodynamics/ MEMBRANES,
enzymology/ MICROSOMES, enzymology/
MITOCHONDRIA, enzymology/ PHOSPHATES,
pharmacodynamics/ RATS/ *SUBCELLULAR
FRACTIONS, enzymology/
ULTRACENTRIFUGATION
916. Curtis DJ: Acrocentric associations in mongol populations. *Humangenetik* 22:17-22, 24 Apr 74
CELL DIVISION/ CELL NUCLEOLUS/ CELLS,
CULTURED/ *CHROMOSOMES/
CHROMOSOMES, HUMAN, 21-22/ FEMALE/
HUMAN/ KARYOTYPING/ LEUKOCYTES,
cytology/ MALE/ *MONGOLISM, familial &
genetic/ SEX CHROMOSOMES/ STAINS AND
STAINING
917. Curtis-Prior PB: Effect of the sodium salt and ethyl ester of alpha-p-chlorophenoxyisobutyric acid (clobibrate) on a fat-mobilizing factor in serum. *Atherosclerosis* 19:463-7, May-Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
antagonists & inhibitors/ ADIPOSE TISSUE,
cytology/ ADIPOSE TISSUE, drug effects/
ADIPOSE TISSUE, metabolism/ ANIMAL
EXPERIMENTS/ CELL MEMBRANE, drug
effects/ *CLOFIBRATE, pharmacodynamics/
CLOFIBRATE, therapeutic use/
DOSE-RESPONSE RELATIONSHIP, DRUG/
ESTERS, pharmacodynamics/ GLYCERIN,
metabolism/ HYPERLIPEMIA, drug therapy/
LIPID MOBILIZATION, drug effects/ *LIPIDS,
metabolism/ MALE/ PEPTIDES, antagonists &
inhibitors/ *PEPTIDES, blood/ RATS/ SALTS,
pharmacodynamics/ SODIUM
918. Cylwik B, Korfel B: Niektóre zagadnienia histokliniki grasiczaków. *Wlad Lek* 27:167-71, 15 Jan 74 (Pol)
AUTOPSY/ ENGLISH ABSTRACT/ HUMAN/
LEUKEMIA, MYELOBLASTIC, complications/
MALE/ NEOPLASM METASTASIS/
*THYMOMA, complications/ THYMOMA,
pathology/ *THYMUS NEOPLASMS,
complications/ THYMUS NEOPLASMS,
pathology
919. Cyrkowiec A: Release of melanocyte-stimulating hormone (MSH) from the posterior pituitary lobe and from the hypothalamus. *Acta Physiol Pol* 25:183-5, Mar-Apr 74
ANIMAL EXPERIMENTS/ FROGS/
HYPOPHYSECTOMY/ *HYPOTHALAMUS,
secretion/ MALE/ *MSH, secretion/
*PITUITARY GLAND, POSTERIOR,
physiology/ RATS/ TIME FACTORS
920. Czapiek EE, Hoyer LW, Schwartz AD: Hemophilia A in a female: use of factor 8 antigen levels as a diagnostic aid. *J Pediatr* 84:485-9, Apr 74
ANTIGENS/ *FACTOR VIII, analysis/
FEMALE/ GENOTYPE/ *HEMOPHILIA,
diagnosis/ HEMOPHILIA, familial & genetic/
HUMAN/ SEX CHROMOSOMES/ SEX
FACTORS
- ## D
921. Dąbrowska B, Janusiewicz W: Zmiany elektrokardiograficzne u chorych z guzem chromoclonnym. *Kardiol Pol* 17:161-7, 1974 (Pol)
*ADRENAL GLAND NEOPLASMS, urine/
ADULT/ ANIMAL EXPERIMENTS/ BLOOD
PRESSURE/ CATECHOLAMINES, adverse
effects/ CATECHOLAMINES, blood/
CATECHOLAMINES, metabolism/
ELECTROCARDIOGRAPHY/ FEMALE/
*HEART, physiopathology/ HUMAN/ MALE/
MIDDLE AGE/ PHEOCHROMOCYTOMA,
metabolism/ *PHEOCHROMOCYTOMA,
physiopathology
922. Dadagian AJ, Hicks JJ, Ordóñez GE, et al: Treatment of otitis externa: a controlled bacteriological-clinical evaluation. *Curr Ther Res* 16:431-6, May 74
*ACETIC ACIDS, therapeutic use/ CANDIDA,
isolation & purification/ CLINICAL
RESEARCH/ DRUG COMBINATIONS/
FEMALE/ HUMAN/ HYDROCORTISONE,
TOPICAL, therapeutic use/ MALE/
*MONILIASIS, drug therapy/ NEOMYCIN,
therapeutic use/ *OTITIS EXTERNA, drug
therapy/ OTITIS EXTERNA, microbiology/
PSEUDOMONAS, isolation & purification/
*PSEUDOMONAS INFECTIONS, drug therapy/
SOLUTIONS/ THONZONIUM, therapeutic use
923. Daehnfeldt JL: Endogenously blocked high affinity estradiol receptors in the immature and mature rat uterus. *Proc Soc Exp Biol Med* 148:159-62, May 74
ANIMAL EXPERIMENTS/ *ESTRADIOL,
metabolism/ FEMALE/ HEAT/ METHODS/
RATS/ RATS, INBRED STRAINS/
*RECEPTORS, HORMONE/ TRITIUM/
*UTERUS, metabolism
924. Dahl E, Kjaerheim A: The ultrastructure of the accessory sex organs of the male rat. VI. The effect of

AUTHOR SECTION

- cyproterone acetate on the dorsal lobe and the coagulating gland. *Cell Tissue Res* 148:57-67, 29 Mar 74
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CELLULAR INCLUSIONS/ *CYPROTERONE, pharmacodynamics/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ GOLGI APPARATUS/ INJECTIONS, SUBCUTANEOUS/ LYSOSOMES/ MALE/ MICROSCOPY, ELECTRON/ *PROSTATE, cytology/ PROSTATE, drug effects/ PROSTATE, physiology/ RATS
925. Dahl R, Morse HG, Morse ML: Carbohydrate transport and cyclic 3',5' adenosine monophosphate (cAMP) levels in a temperature sensitive phosphotransferase mutant of *Escherichia coli*.
Mol Gen Genet 129:1-10, 6 Mar 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ BIOLOGICAL TRANSPORT/ *CARBOHYDRATES, metabolism/ *ESCHERICHIA COLI, enzymology/ GLYCERIN, metabolism/ HEAT/ LACTOSE, metabolism/ MALTOSE, metabolism/ *MUTATION/ PHENOTYPE/ PHOSPHATES, metabolism/ PHOSPHOENOLPYRUVATE/ *PHOSPHOTRANSFERASES, metabolism
926. Dahlquist R: Relationship of uptake of sodium and 45calcium to ATP-induced histamine release from rat mast cells.
Acta Pharmacol Toxicol (Kbh) 35:11-22, Jul 74
*ADENOSINE TRIPHOSPHATE, pharmacodynamics/ AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *CALCIUM RADIOISOTOPES, metabolism/ *HISTAMINE LIBERATION, drug effects/ MALE/ *MAST CELLS, drug effects/ *SODIUM, metabolism
927. Dahlquist R: Determination of ATP-induced 45calcium uptake in rat mast cells.
Acta Pharmacol Toxicol (Kbh) 35:1-10, Jul 74
*ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ LANTHANUM/ MALE/ *MAST CELLS, drug effects/ STIMULATION, CHEMICAL/ TIME FACTORS
928. Dailey HA Jr, Lascelles J: Ferrochelatase activity in wild-type and mutant strains of *Spirillum litorale*. Solubilization with chaotropic reagents.
Arch Biochem Biophys 160:523-9, Feb 74
CELL MEMBRANE, enzymology/ COBALT/ CYTOPLASM, enzymology/ HYDROGEN-ION CONCENTRATION/ IRON/ KINETICS/ LYASES, isolation & purification/ *LYASES, metabolism/ MAGNESIUM/ MANGANESE/ MUTATION/ PERCHLORIC ACIDS/ PORPHYRINS/ PROTEIN BINDING/ SODIUM CHLORIDE/ SOLUBILITY/ SPIRILLUM, cytology/ *SPIRILLUM, enzymology/ SUBCELLULAR FRACTIONS, enzymology/ SUCCINATES/ SURFACE-ACTIVE AGENTS/ THIOCYANATES/ ZINC
929. Dalakos TG, Streeten DH, Jones D, et al: "Malignant" hypertension resulting from atheromatous embolization predominantly of one kidney.
Am J Med 57:135-8, Jul 74
AORTA, pathology/ *ARTERIOSCLEROSIS, complications/ ARTERIOSCLEROSIS, radiography/ AUTOPSY/ CHLORMERODRIN, diagnostic use/ *EMBOLISM, complications/ EMBOLISM, radiography/ HUMAN/ HYPERTENSION, MALIGNANT, diagnosis/ *HYPERTENSION, MALIGNANT, etiology/ HYPERTENSION, MALIGNANT, radiography/ *HYPERTENSION, RENAL, etiology/ ISCHEMIA/ KIDNEY, blood supply/ KIDNEY, pathology/ KIDNEY, radiography/ KIDNEY DISEASES, radiography/ MALE/ MERCURY ISOTOPES/ NECROSIS/ RADIOISOTOPE SCANNING/ RADIOISOTOPES/ RENAL ARTERY, radiography/ *RENAL ARTERY OBSTRUCTION, complications/ RENIN, blood
930. Dalén E, Westerholm B: Occurrence of hepatic impairment in women jaundiced by oral contraceptives and in their mothers and sisters.
Acta Med Scand 195:459-63, Jun 74
CHOLECYSTECTOMY/ CHOLELITHIASIS, familial & genetic/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ GALLBLADDER DISEASES, familial & genetic/ GALLBLADDER DISEASES, therapy/ HUMAN/ *JAUNDICE, chemically induced/ JAUNDICE, familial & genetic/ *LIVER DISEASES, chemically induced/ LIVER DISEASES, familial & genetic/ MATERNAL-FETAL EXCHANGE/ PARITY/ *PREGNANCY COMPLICATIONS/ PRURITUS, familial & genetic
931. Dalén N, Edsmyr F: Bone mineral content of the femoral neck after irradiation.
Acta Radiol [Ther] (Stockh) 13:97-101, Apr 74
*BLADDER NEOPLASMS, radiotherapy/ *BONE AND BONES, metabolism/ COBALT RADIOISOTOPES/ FEMALE/ *FEMUR NECK, radiation effects/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ *MINERALS, metabolism/ *RADIATION EFFECTS/ RADIOISOTOPE TELETHERAPY/ RADIOGRAPHY DOSAGE/ RADIOGRAPHY, HIGH ENERGY/ SPECTROPHOTOMETRY/ TIME FACTORS
932. Dalén N, Hallberg D: Bone mineral content in four obese subjects before and after intestinal shunt operation. A preliminary report.
Acta Chir Scand 140:267-70, 1974
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *BONE AND BONES, analysis/ FEMALE/ *FEMUR, analysis/ FOLLOW-UP STUDIES/ ILEOSTOMY/ *ILEUM, surgery/ *JEJUNUM, surgery/ MALE/ *MINERALS, analysis/ *OBESITY, surgery/ RADIUS, analysis/ SPECTROPHOTOMETRY/ TIME FACTORS/ ULNA, analysis
933. Dalén N, Hjern B: Bone mineral content in patients with primary hyperparathyroidism without radiological evidence of skeletal changes.
Acta Endocrinol (Kbh) 75:297-304, Feb 74
ADULT/ AGED/ *BONE AND BONES, metabolism/ BONE AND BONES, radiography/ CALCANEUS, radiography/ CALCIUM, blood/ CREATININE, blood/ FEMALE/ *FEMUR NECK, radiography/ FOLLOW-UP STUDIES/ HUMAN/ *HYPERPARATHYROIDISM, metabolism/ HYPERPARATHYROIDISM, radiography/ HYPERPARATHYROIDISM, surgery/ MALE/ MIDDLE AGE/ *MINERALS, metabolism/ PARATHYROID GLANDS, surgery/ PHOSPHORUS, blood/ SPECTROMETRY, FLUORESCENCE/ ULNA, radiography
934. Dalén N, Jacobson B: Bone mineral assay: choice of measuring sites. *Invest Radiol* 9:174-85, May-Jun 74
*BONE AND BONES, analysis/ CALCANEUS, analysis/ FEMALE/ *FEMUR, analysis/ *FEMUR NECK, analysis/ HUMAN/ HUMERUS, analysis/ LUMBAR VERTEBRAE, analysis/ MALE/ *MINERALS, analysis/ RADIUS, analysis/ SPECTROPHOTOMETRY/ ULNA, analysis
935. Dalén N, Lamke B: Grading of osteoporosis by skeletal roentgenology and bone scanning.
Acta Radiol [Diagn] (Stockh) 15:177-86, Mar 74
ADULT/ AGE FACTORS/ BONE AND BONES, analysis/ BONE AND BONES, pathology/ *BONE AND BONES, radiography/ CALCANEUS, radiography/ COMPARATIVE STUDY/ FEMALE/ *FEMUR, radiography/ *FEMUR NECK, radiography/ HUMAN/ HUMERUS, radiography/ LUMBAR VERTEBRAE, radiography/ MALE/ METACARPUS, radiography/ MIDDLE AGE/ *MINERALS, analysis/ OSTEOPOROSIS, metabolism/ OSTEOPOROSIS, pathology/ *OSTEOPOROSIS, radiography/ RADIUS, radiography/ SEX FACTORS/ SPECTROPHOTOMETRY/ ULNA, radiography
936. Dalén N, Olsson KE: Bone mineral content and physical activity. *Acta Orthop Scand* 45:170-4, 1974

AUTHOR SECTION

- *BONE AND BONES, metabolism/
CALCANEUS, metabolism/ *EXERTION/
FEMUR, metabolism/ FEMUR NECK,
metabolism/ HUMAN/ HUMERUS, metabolism/
LUMBAR VERTEBRAE, metabolism/ MALE/
*MINERALS, metabolism/ OXYGEN
CONSUMPTION/ PHYSICAL FITNESS/
RADIUS, metabolism/
SPECTROPHOTOMETRY/ ULNA, metabolism
937. D'Alessandro B, Bellastella A, Esposito V, et al: Letter: Circadian rhythm of cortisol secretion in elderly and blind subjects. *Br Med J* 2:274, 4 May 74
AGED/ *BLINDNESS, metabolism/
*CIRCADIAN RHYTHM/ COMPUTERS,
DIGITAL/ HEMIPLEGIA, metabolism/
HUMAN/ *HYDROCORTISONE, secretion/
LIGHT/ MALE/ MIDDLE AGE
938. Dallapiccola B, Pistocchi G, Forabosco A, et al: Skeletal changes in the "eri du chat" syndrome. *Acta Genet Med Gemellol (Roma)* 22:39-44, 1973
*BONE AND BONES, radiography/ CHILD/
CHILD, PRESCHOOL/ CRANIOFACIAL
DYSOSTOSIS, complications/ CRANIOFACIAL
DYSOSTOSIS, radiography/ CRYING CAT
SYNDROME, complications/ *CRYING CAT
SYNDROME, radiography/ FEMALE/ HUMAN/
ILIUM, abnormalities/ INFANT/ MALE/
MICROCEPHALY, complications/
MICROCEPHALY, radiography/ PELVIS,
radiography/ SCOLIOSIS, complications/
SCOLIOSIS, radiography/ SKULL, radiography
939. Dallman MF, DeManincor D, Shinsako J: Diminishing corticotrope capacity to release ACTH during sustained stimulation: the twenty-four hours after bilateral adrenalectomy in the rat. *Endocrinology* 95:65-73, Jul 74
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
CORTICOSTERONE, blood/ CORTICOTROPIN,
blood/ *CORTICOTROPIN, secretion/ FSH,
secretion/ HYPOTHALAMUS/ IN VITRO/
MALE/ PITUITARY GLAND, drug effects/
*PITUITARY GLAND, secretion/ TIME
FACTORS/ TISSUE EXTRACTS
940. Dalsgaard-Nielsen T, Genefke IK: Serotonin (5-hydroxytryptamine) release and uptake in platelets from healthy persons and migrainous patients in attack-free intervals. *Headache* 14:26-32, Apr 74
ADULT/ *BLOOD PLATELETS, metabolism/
DIET, adverse effects/ FEMALE/ HUMAN/ IN
VITRO/ MALE/ MIGRAINE, chemically
induced/ *MIGRAINE, metabolism/
*SEROTONIN, metabolism/ TYRAMINE,
pharmacodynamics/ *TYRAMINE, toxicity
941. Dalton C, Hope WC: Cyclic AMP regulation of prostaglandin biosynthesis in fat cells. *Prostaglandins* 6:227-242, 10 May 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
*ADIPOSE TISSUE, drug effects/ ANIMAL
EXPERIMENTS/ ARACHIDONIC ACID,
metabolism/ BIOLOGICAL ASSAY/
CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, THIN LAYER/
DEPRESSION, CHEMICAL/ DIBUTYRYL
CYCLIC AMP, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
FATTY ACIDS, metabolism/ INDOMETHACIN,
pharmacodynamics/ LINOLENIC ACID,
metabolism/ LIPIDS, metabolism/ MALE/
METHODS/ NOREPINEPHRINE, administration
& dosage/ NOREPINEPHRINE,
pharmacodynamics/ PHOSPHOLIPIDS,
metabolism/ *PROSTAGLANDINS, biosynthesis/
PROSTAGLANDINS, metabolism/ RATS/
SPECTRUM ANALYSIS, MASS/
STIMULATION, CHEMICAL/ THEOPHYLLINE,
pharmacodynamics
942. Daly JR, Fleisher MR, Chambers DJ, et al: Application of the cytochemical bioassay for corticotrophin to clinical and physiological studies in man. *Clin Endocrinol (Oxf)* 3:335-45, Jul 74
ARTHRITIS, RHEUMATOID, blood/
BIOLOGICAL ASSAY/ CIRCADIAN RHYTHM/
*CORTICOTROPIN, blood/ CORTICOTROPIN,
pharmacodynamics/ DEXAMETHASONE,
pharmacodynamics/ FEEDBACK/ HALF-LIFE/
*HISTOCYTOCHEMISTRY/ HUMAN/
HYDROCORTISONE, pharmacodynamics/
HYPOGLYCEMIA, chemically induced/
INSULIN/ MALE/ *PITUITARY-ADRENAL
SYSTEM/ STRESS/ TIME FACTORS
943. Daly JR, Fletcher MR, Glass D, et al: Comparison of effects of long-term corticotrophin and corticosteroid treatment on responses of plasma growth hormone, ACTH, and corticosteroid to hypoglycaemia. *Br Med J* 2:521-4, 8 Jun 74
ADRENAL CORTEX HORMONES, biosynthesis/
ADRENAL CORTEX HORMONES, blood/
*ADRENAL CORTEX HORMONES,
pharmacodynamics/ ADRENAL CORTEX
HORMONES, therapeutic use/ ARTHRITIS,
RHEUMATOID, blood/ ARTHRITIS,
RHEUMATOID, drug therapy/ BLOOD SUGAR,
analysis/ COMPARATIVE STUDY/
CORTICOTROPIN, biosynthesis/
*CORTICOTROPIN, pharmacodynamics/
DEPRESSION, CHEMICAL/ FEMALE/
HUMAN/ HYPOGLYCEMIA, blood/
*HYPOGLYCEMIA, physiopathology/
HYPOTHALAMO-HYPOPHYSAL SYSTEM,
physiopathology/ INSULIN, diagnostic use/
MALE/ PITUITARY-ADRENAL SYSTEM/
PITUITARY GLAND FUNCTION TESTS/
*SOMATOTROPIN, blood/ TIME FACTORS
944. Daly JR, Loveridge N, Bitensky L, et al: The cytochemical bioassay of corticotrophin. *Clin Endocrinol (Oxf)* 3:311-8, Jul 74
*ADRENAL GLANDS, enzymology/ ANIMAL
EXPERIMENTS/ *BIOLOGICAL ASSAY/
*CORTICOTROPIN, blood/ DENSITOMETRY/
*GLUCOSEPHOSPHATE DEHYDROGENASE,
metabolism/ *HISTOCYTOCHEMISTRY/ IN
VITRO/ ORGAN CULTURE/ STAINS AND
STAINING
945. Daly RF, Matthews CG: Impaired motor function in XYY males. *Neurology (Minneapolis)* 24:655-8, Jul 74
GAIT/ HUMAN/ MALE/ *MOVEMENT
DISORDERS, etiology/ *NEUROLOGIC
MANIFESTATIONS/ POSTURE/ SEX
CHROMOSOME ABNORMALITIES,
complications/ *SEX CHROMOSOME
ABNORMALITIES, diagnosis/ TREMOR,
etiology
946. Damjanov I, Solter D: Embryo-derived teratocarcinomas elicit splenomegaly in syngeneic host. *Nature* 249:569-71, 7 Jun 74
ANIMAL EXPERIMENTS/ ANTIGENS,
NEOPLASM/ EMBRYO, immunology/
*EMBRYO, transplantation/
HISTOCOMPATIBILITY/ HYBRIDIZATION/
*KIDNEY NEOPLASMS, immunology/ MALE/
MICE, INBRED C3H/ MICE, INBRED C57BL/
NEOPLASM TRANSPLANTATION/
NEOPLASMS, EXPERIMENTAL, immunology/
ORGAN WEIGHT/ SPLEEN, anatomy &
histology/ *SPLEEN, immunology/
SPLENECTOMY/ SPLENOMEGALY, etiology/
*TERATOID TUMOR, immunology/
*TESTICULAR NEOPLASMS, immunology/
TRANSPLANTATION, HOMOLOGOUS
947. Danilova IN, Minenkov AA: Vkluchenie mechenogo trifoditronina v eritrotsity krovi u bol'nykh diffuznym toksicheskim zobom pod villanem lechenia iskusstvennymi mysh'lakovistymi mineral'nymi vannami. *Vopr Kurortol Fizioter Lech Fiz Kult* 39:140-3, Mar 74 (Rus)
*ARSENICALS, therapeutic use/ *BATHS/
CHRONIC DISEASE/ *ERYTHROCYTES,
metabolism/ FEMALE/ GOITER,
EXOPHTHALMIC, therapy/ HUMAN/ IN
VITRO/ IODINE RADIOISOTOPES/ MALE/
MINERAL WATERS/ *TRIIODOTHYRONINE,
metabolism
948. Dao TL, Hayes C, Libby PR: Steroid sulfatase activities in human breast tumors. *Proc Soc Exp Biol Med* 146:381-4, Jun 74

AUTHOR SECTION

- *BREAST NEOPLASMS, enzymology/
DEHYDROEPIANDROSTERONE/ ESTRADIOL/
ESTRONE/ FEMALE/ HUMAN/
SULFATASES, metabolism/ TESTOSTERONE/
TRANSFERASES, metabolism/ TRITIUM
949. Dardenne M, Tournefier A, Charlemagne J, et al:
Studies on thymus products. VII. Presence of thymic
hormone in urodele serum.
Ann Immunol (Paris) 124:465-9, Nov 73
ANIMAL EXPERIMENTS/ *AZATHIOPRINE/
*HORMONES/ HORMONES, pharmacodynamics/
IMMUNE ADHERENCE REACTION/
IMMUNITY, CELLULAR, drug effects/
*LYMPHOCYTE TRANSFORMATION/
*LYMPHOCYTES, immunology/ MICE,
immunology/ SALAMANDERS, immunology/
SALAMANDERS, metabolism/ SKIN,
transplantation/ SPECIES SPECIFICITY/
SPLEEN, immunology/ STATISTICS/
THYMECTOMY/ *THYMUS GLAND,
immunology/ THYMUS GLAND, metabolism/
TRANSPLANTATION, HOMOLOGOUS/
TRANSPLANTATION IMMUNOLOGY
950. Darke AC, Gaskell F: A contrast in vascular reactivity
between two kinds of experimental hypertension
studied by measurements of the critical opening
pressure of tail vessels in the conscious rat.
Bibl Anat 12:429-36, 1973
ANGIOTENSIN, pharmacodynamics/ ANIMAL
EXPERIMENTS/ ARTERIES, drug effects/
*ARTERIES, physiopathology/ COMPARATIVE
STUDY/ DESOXYCORTICOSTERONE/
DOSE-RESPONSE RELATIONSHIP, DRUG/
HYPERTENSION, chemically induced/
*HYPERTENSION, physiopathology/
*HYPERTENSION, RENAL, physiopathology/
MALE/ MICROCIRCULATION, drug effects/
MICROCIRCULATION, physiopathology/
MUSCLE, SMOOTH, drug effects/ MUSCLE,
SMOOTH, physiopathology/ NOREPINEPHRINE,
pharmacodynamics/ OXYHEMOGLOBIN/
PRESSURE/ RATS/ SODIUM CHLORIDE/
SPECTRUM ANALYSIS/ TAIL, blood supply/
VASOMOTOR SYSTEM, drug effects/
*VASOMOTOR SYSTEM, physiopathology
951. Da Rugna D, Dedes M, Ghossein E: Erfahrungen mit
Humangonadotropinen bei Fertilitätsstörungen des
Mannes.
Praxis 63:699-703, 11 Jun 74 (Ger)
CLINICAL RESEARCH/ ENGLISH ABSTRACT/
GONADOTROPINS, CHORIONIC,
pharmacodynamics/ *GONADOTROPINS,
CHORIONIC, therapeutic use/ HUMAN/
MALE/ MENOTROPINS, pharmacodynamics/
*MENOTROPINS, therapeutic use/
SPERMATOGENESIS, drug effects/
*STERILITY, MALE, drug therapy
952. Darwish ME, Atassi B, Clark SS: Priapism: evaluation
of treatment regimens. J Urol 112:92-4, Jul 74
ANEMIA, SICKLE CELL, complications/
ARTERIOVENOUS FISTULA, etiology/
ARTERIOVENOUS SHUNT, SURGICAL/
DRAINAGE/ ESTROGENS, therapeutic use/
EVALUATION STUDIES/ HUMAN/ ICE/
IMPOTENCE, etiology/ MALE/ PENIS, blood
supply/ POSTOPERATIVE COMPLICATIONS/
PRIAPISM, drug therapy/ PRIAPISM,
etiology/ PRIAPISM, surgery/ *PRIAPISM,
therapy/ PROSTATITIS, complications/
PULMONARY EMBOLISM, etiology/ SKIN
DISEASES, etiology/ URETHRAL DISEASES,
etiology/ URINARY FISTULA, etiology
953. Davey KG: Symposium on reproduction of arthropods
of medical and veterinary importance. VI.
Reproduction in the females of some hematophagous
insects. J Med Entomol 11:40-5, 28 Mar 74 (27 ref.)
ANIMAL EXPERIMENTS/ BLOOD/ COITUS/
ECOLOGY/ ESTROGENS, pharmacodynamics/
FEEDING BEHAVIOR/ FEMALE/ FLEAS,
drug effects/ FLEAS, physiology/
*INSECTS, physiology/ LARVA, growth & development/
MALE/ NEUROSECRETION/ OVARY,
physiology/ OVIPOSITION/ OVULATION/
OVUM, growth & development/ PREGNANCY/
PROTEINS, metabolism/ RABBITS/
- *REPRODUCTION/ REVIEW/ STARVATION/
TRIATOMINAE, metabolism/ TRIATOMINAE,
physiology/ TSETSE FLIES, growth &
development/ TSETSE FLIES, physiology
954. David DS: Hypercalcemia associated with chronic renal
failure: a unifying hypothesis.
Perspect Biol Med 17:361-70, Spring 74 (71 ref.)
ANIMAL EXPERIMENTS/ CALCIUM, blood/
CHOLECALCIFEROL, metabolism/
CHOLECALCIFEROL, therapeutic use/
GLOMERULAR FILTRATION RATE/ HUMAN/
HYDROXYCHOLECALCIFEROL, metabolism/
*HYPERCALCEMIA, etiology/
HYPERCALCEMIA, physiopathology/ *KIDNEY
FAILURE, CHRONIC, complications/ KIDNEY
FAILURE, CHRONIC, physiopathology/
MITOCHONDRIA, LIVER, metabolism/
PARATHYROID GLANDS, physiopathology/
PARATHYROID HORMONE, blood/
PHOSPHATES, blood/ PYROPHOSPHATES,
blood/ RATS/ REVIEW
955. David TJ, O'Callaghan SE: Letter: Birth defects and
oral hormone preparations. Lancet 1:1236, 15 Jun 74
*ABNORMALITIES, DRUG-INDUCED, etiology/
*CONTRACEPTIVES, ORAL, adverse effects/
*ESOPHAGEAL ATRESIA, chemically induced/
FEMALE/ HUMAN/ MATERNAL-FETAL
EXCHANGE/ PREGNANCY TESTS/ *SEX
HORMONES, adverse effects
956. Davidova RIA: Netsukrovyi diabet i vahitnisl.
Pediatr Akush Ginekol 3:62, May-Jun 74 (Ukr)
*DIABETES INSIPIDUS, pathology/ FEMALE/
HUMAN/ *PREGNANCY COMPLICATIONS,
pathology
957. Davidson MB: Letter: The effect of contraceptive
steroids on carbohydrate metabolism.
Metabolism 23:687-90, Jul 74
*CARBOHYDRATES, metabolism/
*CONTRACEPTIVES, ORAL,
pharmacodynamics/ ESTROGENS,
pharmacodynamics/ FEMALE/ GLUCOSE,
metabolism/ GLUCOSE TOLERANCE TEST/
HUMAN/ HYPOPITUITARISM, metabolism/
MESTRANOL, pharmacodynamics/
NORETHINDRONE, pharmacodynamics/
SOMATOTROPIN, metabolism
958. Davies C, Jacobi J, Lloyd HM, et al: DNA synthesis and
the secretion of prolactin and growth hormone by the
pituitary gland of the male rat: effects of
diethylstilboestrol and 2-bromo-alpha-ergocryptine
methanesulphonate. J Endocrinol 61:411-7, Jun 74
ANIMAL EXPERIMENTS/ BROMINE,
pharmacodynamics/ DEPRESSION, CHEMICAL/
*DIETHYLSTILBESTROL, pharmacodynamics/
*DNA, biosynthesis/ *ERGOT ALKALOIDS,
pharmacodynamics/ MALE/
METHANESULFONATES, pharmacodynamics/
ORGAN WEIGHT/ PITUITARY GLAND, drug
effects/ PITUITARY GLAND, metabolism/
*PITUITARY GLAND, secretion/ PROLACTIN,
blood/ *PROLACTIN, secretion/
RADIOIMMUNOASSAY/ *SOMATOTROPIN,
secretion/ THYMIDINE, metabolism/ TIME
FACTORS/ TRITIUM
959. Davies RH, Lawton K, Waring D: Thyroxine levels in
normal newborn infants.
Arch Dis Child 49:410-1, May 74
AGE FACTORS/ BLOOD/ HUMAN/ *INFANT,
NEWBORN/ IODINE RADIOISOTOPES/
*THYROXINE, blood/ UMBILICAL CORD
960. Davis B, Lazarus NR: Effect of glucagon, diazoxide,
phenolamine on islet adenylate cyclase.
Horm Metab Res 6:164-7, Mar 74
ADENYL CYCLASE, antagonists & inhibitors/
*ADENYL CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ COMPARATIVE STUDY/
*DIAZOXIDE, pharmacodynamics/ ENZYME
ACTIVATION, drug effects/ *GLUCAGON,
pharmacodynamics/ IN VITRO/ ISLANDS OF
LANGERHANS, drug effects/ *ISLANDS OF
LANGERHANS, enzymology/ MICE/
*PHENTOLAMINE, pharmacodynamics

AUTHOR SECTION

961. Davis JC, Hipkin LJ, Diver MJ, et al: Changes in plasma cortisol levels after a water load.
J Endocrinol 61:167-8, Apr 74
ADMINISTRATION, ORAL/ ADULT/
CIRCADIAN RHYTHM/ DIURESIS/ HUMAN/
*HYDROCORTISONE, blood/ MALE/ WATER,
administration & dosage/ *WATER,
pharmacodynamics
962. Davis JN: Autonomous breathing. Report of a case.
Arch Neurol 30:480-3, Jun 74
ADULT/ *CENTRAL NERVOUS SYSTEM
DISEASES, complications/ CENTRAL
NERVOUS SYSTEM DISEASES, drug therapy/
CENTRAL NERVOUS SYSTEM DISEASES,
physiopathology/ CORTICOTROPIN, therapeutic
use/ DEMYELINATION/
ELECTROMYOGRAPHY/ FACIAL MUSCLES,
physiopathology/ HUMAN/ INTERCOSTAL
MUSCLES, physiopathology/ MALE/
RESPIRATORY CENTER, physiopathology/
RESPIRATORY FUNCTION TESTS/
*RESPIRATORY PARALYSIS, etiology/
RESPIRATORY PARALYSIS, physiopathology/
SPINAL CORD, physiopathology/ VOLITION
963. Davis JS: Halothane anesthesia followed by anicteric hepatitis with complete recovery.
NY State J Med 74:1042-4, Jun 74
ANESTHESIA, INHALATION/ BIOPSY/
*HALOTHANE, adverse effects/ *HEPATITIS,
TOXIC, etiology/ HEPATITIS, TOXIC,
pathology/ HUMAN/ LIVER, pathology/
MALE/ THYROID DISEASES, surgery/
THYROID GLAND, surgery
964. Davis WL, Goodman DB, Martin JH, et al:
Vasopressin-induced changes in the toad urinary bladder epithelial surface. J Cell Biol 61:544-7, May 74
ANIMAL EXPERIMENTS/ *BLADDER,
cytology/ *BUFO MARINUS, anatomy &
histology/ EPITHELIAL CELLS, drug effects/
EPITHELIUM, drug effects/ FEMALE/
MICROSCOPY, ELECTRON, SCANNING/
*VASOPRESSIN, pharmacodynamics
965. Dawidowicz A: Problemy cukrzycy ciężarnych.
Wiad Lek 27:259-63, 1 Feb 74 (16 ref.) (Pol)
ACIDOSIS, DIABETIC/ AGE FACTORS/
BIRTH WEIGHT/ BLOOD SUGAR, analysis/
DIABETIC ANGIOPATHIES/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ INFANT
MORTALITY/ INSULIN RESISTANCE/
MATERNAL-FETAL EXCHANGE/ PLACENTAL
LACTOGEN, metabolism/ *PREGNANCY IN
DIABETES, complications/ PREGNANCY IN
DIABETES, metabolism/ PROGNOSIS/
REVIEW/ TIME FACTORS
966. De Agustín P, Alvarez I, Ruiz A: Teratomas ovaricos malignos.
Acta Obstet Ginecol Hisp Lusit 21:269-83, Nov 73 (Spa)
ADULT/ AGED/ CARCINOMA, EPIDERMOID,
complications/ FEMALE/ HUMAN/ MIDDLE
AGE/ *OVARIAN NEOPLASMS/ OVARIAN
NEOPLASMS, complications/ OVARIAN
NEOPLASMS, pathology/ PREGNANCY/
PREGNANCY COMPLICATIONS/ *TERATOID
TUMOR/ TERATOID TUMOR, complications/
TERATOID TUMOR, diagnosis/ TERATOID
TUMOR, pathology
967. Deardourff SL, Deture FA, Drylie DM, et al: Association between herpes hominis type 2 and the male genitourinary tract. J Urol 112:126-7, Jul 74
CELLS, CULTURED/ FLUORESCENT
ANTIBODY TECHNIC/ GENITAL DISEASES,
MALE, microbiology/ *GENITALIA, MALE,
microbiology/ *HERPESVIRUS HOMINIS,
isolation & purification/ HERPESVIRUS
HOMINIS, pathogenicity/ HUMAN/ MALE/
NEUTRALIZATION TESTS/ PENIS,
microbiology/ PROSTATE, microbiology/
TESTIS, microbiology/ URETHRA,
microbiology/ UROLOGIC DISEASES,
microbiology/ VAS DEFERENS, microbiology
968. Deaven LL, Petersen DF: Measurements of mammalian cellular DNA and its localization in chromosomes.
Methods Cell Biol 8:179-204, 1974
- ANALYSIS OF VARIANCE/ ANIMAL
EXPERIMENTS/ CELL DIVISION/
CHROMATIN, analysis/ *CHROMOSOMES,
analysis/ DEMECOLCINE/ *DNA, analysis/
EVALUATION STUDIES/ FEMALE/
GENOTYPE/ HETEROCHROMATIN, analysis/
HUMAN/ KARYOTYPING/ LYMPHOCYTES,
analysis/ LYMPHOCYTES, cytology/ MALE/
METHODS/ MICROSCOPY, FLUORESCENCE/
MITOSIS/ OVARY/ STAINS AND STAINING/
TIME FACTORS/ TRYPSIN
969. Deb C, Mallick N, Goswami U: Effect of different percentages of protein intake on thyroid activity, protein bound iodine, total thyroxine and free thyroxine level of blood of rats.
Endokrinologie 62:321-6, 1973
ANIMAL EXPERIMENTS/ *DIETARY
PROTEINS, pharmacodynamics/ FEMALE/
IODINE, blood/ *IODINE, metabolism/ IODINE
ISOTOPES, DIAGNOSTIC/ ORGAN WEIGHT/
PROTEIN-BOUND IODINE TEST/ PROTEIN
DEFICIENCY, blood/ RATS/ THYROID
GLAND, anatomy & histology/ *THYROID
GLAND, drug effects/ THYROXINE, blood/
THYROXINE, metabolism/ THYROXINE-BINDING PROTEIN, analysis
970. Debeljuk L, Vilchez-Martinez JA, Arimura A, et al:
Effect of gonadal steroids on the response to LH-RH in intact and castrated male rats.
Endocrinology 94:1519-24, Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/
ESTRADIOL, administration & dosage/
*ESTRADIOL, pharmacodynamics/ *FSH, blood/
HYDROXYPROGESTERONE, administration &
dosage/ *HYDROXYPROGESTERONE,
pharmacodynamics/ *LH, blood/ *LH-FSH
RELEASING HORMONE, pharmacodynamics/
MALE/ PREGNANEDIONES, administration &
dosage/ PREGNANEDIONES,
pharmacodynamics/ RATS/ STANOLONE,
administration & dosage/ *STANOLONE,
pharmacodynamics/ TESTOSTERONE,
administration & dosage/ *TESTOSTERONE,
pharmacodynamics
971. Deblock S: Contribution à l'étude des Microphallidae Travassos, 1920 (Trematoda). XXVII. A propos d'espèces décrites au Japon par S. Yamaguti. A. Invalidation du genre Maritreminoides Rankin. Création de genres satellites du genre Maritrema: Quasimaritrema, Maritremopsis et Quasimaritremopsis.
Ann Parasitol Hum Comp 48:543-57, Jul-Aug 73 (Fre)
ANATOMY, COMPARATIVE/ ANIMAL
EXPERIMENTS/ ENGLISH ABSTRACT/
JAPAN/ OVIDUCTS, anatomy & histology/
SPECIES SPECIFICITY/ TESTIS, anatomy &
histology/ TREMATODA, anatomy & histology/
*TREMATODA, classification
972. De Bonilla H, Rasweller JJ 4th: Breeding activity, preimplantation development, and oviduct histology of the short-tailed fruit bat, Carollia, in captivity.
Anat Rec 179:385-403, Jul 74
ANIMAL EXPERIMENTS/ BLASTOCYST/
BREEDING/ CHIROPTERA, anatomy &
histology/ *CHIROPTERA, physiology/
CORPUS LUTEUM, anatomy & histology/
FEMALE/ FERTILIZATION/ HOUSING,
ANIMAL/ MALE/ NIDATION/ OVARY,
anatomy & histology/ *OVIDUCTS, cytology/
OVULATION/ OVUM, cytology/ *OVUM,
growth & development/ *REPRODUCTION
973. Debrezeni L, Csöte B: Lack of a direct influence of sodium on aldosterone production in the rat adrenal in vitro. Acta Physiol Acad Sci Hung 43:247-51, 1973
*ADRENAL GLANDS, metabolism/
*ALDOSTERONE, biosynthesis/
CORTICOSTERONE, biosynthesis/ *DIET,
SALT-FREE/ HUMAN/ IN VITRO/ MALE/
RATS/ *SODIUM CHLORIDE,
pharmacodynamics
974. Debrezeni LA, Székács B: Renal vein native plasma pressor activity.
Acta Med Acad Sci Hung 30:271-6, 1973
ANGIOTENSIN, blood/ ANIMAL

AUTHOR SECTION

- EXPERIMENTS/ BIOLOGICAL ASSAY/
BLOOD PRESSURE DETERMINATION/
COMPARATIVE STUDY/ FALSE POSITIVE
REACTIONS/ HUMAN/ HYPERTENSION,
RENAL, blood/ *HYPERTENSION, RENAL,
diagnosis/ HYPERTENSION, RENAL,
radiography/ MALE/ RENAL ARTERY
OBSTRUCTION, diagnosis/ RENAL VEINS/
RENIN, blood
975. Debrun G, Chartres A: Infra and supratentorial arteriovenous malformations, a general review. About 2 cases of spontaneous supratentorial arteriovenous malformation of the dura.
Neuroradiology 3:184-92, Apr 72 (34 ref.)
ADULT/ AGED/ CAROTID ARTERIES/
CEREBRAL ANGIOGRAPHY/ *CEREBRAL
ARTERIOVENOUS MALFORMATIONS/
CEREBRAL ARTERIOVENOUS
MALFORMATIONS, complications/ CEREBRAL
ARTERIOVENOUS MALFORMATIONS,
radiography/ CEREBRAL ARTERIOVENOUS
MALFORMATIONS, surgery/ CEREBRAL
HEMORRHAGE, etiology/ EPILEPSY, etiology/
EXOPHTHALMOS, etiology/ FEMALE/
HEMIPLEGIA, etiology/ HUMAN/ MALE/
MIDDLE AGE/ PARESTHESIA, etiology/
RECURRENCE/ REVIEW/ VASCULAR
HEADACHE, etiology/ VERTEBRAL ARTERY/
VISION DISORDERS, etiology
976. De Cato L Jr, Brown JK, Malone MH: Effects of benzoquinolizine homologues on proliferative and exudative inflammation.
Eur J Pharmacol 26:22-9, Apr 74
ADRENAL GLANDS, physiology/ ANIMAL
EXPERIMENTS/ *ANTI-INFLAMMATORY
AGENTS, therapeutic use/ BODY WEIGHT/
CARRAGEENAN/ CATECHOLAMINES,
metabolism/ CHLORPROMAZINE,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ EDEMA, chemically
induced/ *EXUDATES AND TRANSUDATES,
drug effects/ FOOD DEPRIVATION/
HYDROCORTISONE, pharmacodynamics/
INDOMETHACIN, pharmacodynamics/
INFLAMMATION, chemically induced/
*INFLAMMATION, drug therapy/ MALE/
ORGAN WEIGHT/ PHENOBARBITAL,
pharmacodynamics/ PHENYLBUTAZONE,
pharmacodynamics/ QUINOLIZINES,
pharmacodynamics/ *QUINOLIZINES,
therapeutic use/ RATS/ RESERPINE,
pharmacodynamics/ TETRABENAZINE,
pharmacodynamics/ WATER DEPRIVATION
977. Decsi L: Behavioral effect of intracerebrally injected carbachol on unrestrained cats.
Pharmacol Biochem Behav 2:141-3, Jan-Feb 74
AMYGDALOID BODY, drug effects/ *ANGER,
drug effects/ ANIMAL EXPERIMENTS/
CARBACHOL, administration & dosage/
*CARBACHOL, pharmacodynamics/
CATHETERIZATION/ CATS/ CAUDATE
NUCLEUS, drug effects/ CEREBRAL
VENTRICLES, drug effects/ CORPUS
STRIATUM, drug effects/ GLOBUS
PALLIDUS, drug effects/ HIPPOCAMPUS,
drug effects/ HYPOTHALAMUS, drug effects/
MESENCEPHALON, drug effects/
MICROINJECTIONS/ RETICULAR
FORMATION, drug effects/ THALAMUS, drug
effects/ VOCALIZATION, ANIMAL, drug
effects
978. Dedes M, Da Rugna D: Erfahrungen mit Clomiphenzitatrat bei Fertilitätsstörungen des Mannes.
Praxis 63:704-6, 11 Jun 74 (Ger)
CELL MOVEMENT, drug effects/ CLINICAL
RESEARCH/ CLOMIPHENE,
pharmacodynamics/ *CLOMIPHENE, therapeutic
use/ DRUG EVALUATION/ ENGLISH
ABSTRACT/ HUMAN/ MALE/
SPERMATOGENESIS, drug effects/
*STERILITY, MALE, drug therapy
979. Dedes M, Krauer F: Cyclusabhängige Veränderungen in der Zellteilungshäufigkeit im menschlichen Eileiterepithel.
Arch Gynaekol 216:133-44, 12 Mar 74 (Ger)
- ADULT/ AUTORADIOGRAPHY/ ENGLISH
ABSTRACT/ EPITHELIAL CELLS/
*FALLOPIAN TUBES, cytology/ FEMALE/
HUMAN/ IN VITRO/ MENOPAUSE/
MENSTRUATION/ MIDDLE AGE/ *MITOSIS/
*OVARY, physiology/ OVULATION/
PREGNANCY/ PUERPERIUM/ THYMIDINE,
diagnostic use/ TIME FACTORS/ TRITIUM
980. Dedov II: Evoliutaila gipotalamo-gipofizarnykh svyazef.
Dokl Akad Nauk SSSR 215:757-60, 21 Mar 74 (Rus)
ANIMAL EXPERIMENTS/ CHICKENS/
*EVOLUTION/ *HYPOTHALAMUS, anatomy &
histology/ LIZARDS/ NEURAL
INTERCONNECTIONS/ PIGEONS/
*PITUITARY GLAND, anatomy & histology/
TOADS
981. Dedov II: Razvitiye gipotalamo-gipofizarno-tireoidnoy funktsional'noy sistemy.
Dokl Akad Nauk SSSR 216:235-8, 1 May 74 (Rus)
ANIMAL EXPERIMENTS/ COLD/ FEMALE/
HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
embryology/ *HYPOTHALAMO-HYPOPHYSEAL
SYSTEM, growth & development/ IODINE,
blood/ IODINE, metabolism/ IODINE
RADIOISOTOPES/ MATERNAL-FETAL
EXCHANGE/ THYROID GLAND, embryology/
*THYROID GLAND, growth & development/
THYROID GLAND, metabolism
982. De Gaetano G, Franco R, Donati MB, et al: Mechanical recording of reptilase-clot retraction equals effect of adenosine-5'-diphosphate and prostaglandin E.
Thromb Res 4:189-92, Jan 74
*ADENOSINE DIPHOSPHATE,
pharmacodynamics/ *CLOT RETRACTION/
HUMAN/ METHODS/ *PEPTIDE
HYDROLASES/ *PROSTAGLANDINS,
pharmacodynamics/ SNAKES/ TRANSDUCERS/
VENOMS
983. Degkwits E, Walsch S, Dubberstein M, et al: Influence of L-ascorbate on the contents of cytochromes P-450 and b5 in several organs of guinea pigs.
Enzyme 16:237-45, 1973
ADRENAL GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ *ASCORBIC ACID,
pharmacodynamics/ ASCORBIC ACID
DEFICIENCY, metabolism/ COMPARATIVE
STUDY/ *CYTOCHROME P-450, metabolism/
*CYTOCHROMES, metabolism/
DACTINOMYCIN, pharmacodynamics/
FERRITIN, metabolism/ GLUCONATES,
pharmacodynamics/ GUINEA PIGS/ IRON,
metabolism/ KIDNEY, metabolism/
LEVULINIC ACID, pharmacodynamics/ LIVER,
drug effects/ *LIVER, enzymology/
MICROSOMES, metabolism/ MICROSOMES,
LIVER, drug effects/ MICROSOMES, LIVER,
metabolism/ MITOCHONDRIA, LIVER, drug
effects/ MITOCHONDRIA, LIVER, metabolism/
ORGAN SPECIFICITY/ PHENOBARBITAL,
pharmacodynamics/ SPLEEN, metabolism/
TIME FACTORS
984. DeGroot LJ, Strausser JL: Binding of T3 in rat live nuclei. Endocrinology 95:74-83, Jul 74
ANIMAL EXPERIMENTS/ BINDING SITES/
CELL NUCLEUS, analysis/ CELL NUCLEUS,
metabolism/ CENTRIFUGATION, DENSITY
GRADIENT/ DNA, analysis/ IODINE
RADIOISOTOPES/ LIVER, cytology/ *LIVER,
metabolism/ MALE/ PROTEINS, analysis/
RECEPTORS, DRUG/ SERUM ALBUMIN,
RADIO-IODINATED/ THYROIDECTOMY/ TIME
FACTORS/ *TRIODOXYTHYRONINE, metabolism
985. Deguchi T, Axelrod J: Supersensitivity and subsensitivity of the beta-adrenergic receptor in pineal gland regulated by catecholamine transmitter.
Proc Natl Acad Sci USA 70:2411-4, Aug 73
*ACETYLTRANSFERASES, biosynthesis/
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
analysis/ ANIMAL EXPERIMENTS/
CYCLOHEXIMIDE, pharmacodynamics/
DARKNESS/ DENERVATION/ ENZYME
INDUCTION, drug effects/ *ISOPROTERENOL,
pharmacodynamics/ LIGHT/ MALE/ NEURAL
TRANSMISSION/ NOREPINEPHRINE,

AUTHOR SECTION

antagonists & inhibitors/ *NOREPINEPHRINE, physiology/ ORGAN CULTURE/ PINEAL BODY, analysis/ *PINEAL BODY, enzymology/ *RECEPTORS, ADRENERGIC/ RESERPINE, antagonists & inhibitors/ RESERPINE, pharmacodynamics

986. De Guzman NT, Pressman BC: The inotropic effects of the calcium inophore X-537A in the anesthetized dog. *Circulation* 49:1072-7, Jun 74

ANIMAL EXPERIMENTS/ ANTIBIOTICS, administration & dosage/ *ANTIBIOTICS, pharmacodynamics/ BLOOD PRESSURE, drug effects/ *CALCIUM, metabolism/ CARDIAC OUTPUT, drug effects/ *CATECHOLAMINES, metabolism/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ *HEART, drug effects/ HEART CONDUCTION SYSTEM, drug effects/ HEART RATE, drug effects/ *MYOCARDIUM, metabolism/ PROPRANOLOL, pharmacodynamics/ TIME FACTORS/ VASCULAR RESISTANCE

987. Dekel N, Shahar A, Soferman N, et al: [Behavior of human and rat cumulus granulosa cells in culture] *Harefuah* 86:285-8, 15 Mar 74 (Heb)

ANIMAL EXPERIMENTS/ CELLS, CULTURED/ ENGLISH ABSTRACT/ FEMALE/ *GRAAFIAN FOLLICLE, cytology/ HUMAN/ MACROPHAGES/ OVULATION/ RATS/ TIME FACTORS

988. Delage C, Lagacé R: La péloose hépatique: rôle étiologique possible des médicaments. *Union Med Can* 102:1888-93, Sep 73 (Fre)

*ALLOPURINOL, adverse effects/ ALLOPURINOL, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *HYDROXYUREA, adverse effects/ HYDROXYUREA, therapeutic use/ IATROGENIC DISEASE/ LEUKEMIA, MYELOCYTIC, drug therapy/ LIVER, pathology/ *LIVER DISEASES, chemically induced/ LIVER DISEASES, pathology/ MALE/ *PREDNISONE, adverse effects/ PREDNISONE, therapeutic use/ SPLENOMEGALY, radiotherapy/ *VINCRISTINE, adverse effects/ VINCRISTINE, therapeutic use

989. DeLand FH, Sauerbrunn JL, Boyd C, et al: 67Ga-citrate imaging in untreated primary lung cancer: preliminary report of Cooperative Group. *J Nucl Med* 15:408-11, Jun 74

*CARCINOMA, BRONCHIOLAR, diagnosis/ *CARCINOMA, EPIDERMAL, diagnosis/ *CARCINOMA, OAT CELL, diagnosis/ CITRATES, diagnostic use/ EVALUATION STUDIES/ *GALLIUM, diagnostic use/ HUMAN/ *LUNG NEOPLASMS, diagnosis/ *RADIOISOTOPE SCANNING/ RADIOISOTOPES, diagnostic use

990. Delarue NC, Gale G: Surgical salvage in pulmonary tuberculosis. *Ann Thorac Surg* 18:38-51, Jul 74

ADHESIONS/ BONE AND BONES, surgery/ BRONCHIAL DISEASES, etiology/ EMPYEMA, TUBERCULOUS, surgery/ FEMALE/ FISTULA, etiology/ FISTULA, surgery/ FOLLOW-UP STUDIES/ HUMAN/ INTERCOSTAL MUSCLES, transplantation/ LUNG DISEASES, surgery/ MALE/ PLEURAL DISEASES, etiology/ PLEURAL DISEASES, surgery/ PLEURAL EFFUSION/ PNEUMONECTOMY/ POSTOPERATIVE COMPLICATIONS/ SUTURE TECHNIQUES/ *THORACOPLASTY/ TRANSPLANTATION, AUTOLOGOUS/ TUBERCULOSIS, PULMONARY, complications/ TUBERCULOSIS, PULMONARY, mortality/ *TUBERCULOSIS, PULMONARY, surgery

991. De las Casas Alonso P, Mesa Rivero J: Laparoscopia de urgencia en algunos síndromes abdominales agudos. *Rev Esp Enferm Apar Dig* 43:19-24, 1 Apr 74 (Spa)

*ABDOMINAL INJURIES, diagnosis/ ACUTE DISEASE/ *APPENDICITIS, diagnosis/ *CHOLECYSTITIS, diagnosis/ FEMALE/ HUMAN/ *LAPAROSCOPY/ *OVARIAN CYSTS, diagnosis/ *PANCREATITIS, diagnosis/ *PREGNANCY, ECTOPIC, diagnosis

992. De la Torre B, Wqvist N, Diczfalusy E: Conjugation of

16-pioestriol by pregnant women.

Acta Endocrinol (Kbh) 75:159-72, Jan 74

CARBON RADIOISOTOPES/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ESTRIOL, administration & dosage/ *ESTRIOL, metabolism/ ESTRIOL, urine/ FEMALE/ GLUCURONATES, isolation & purification/ *GLUCURONATES, urine/ HUMAN/ HYDROLYSIS/ INJECTIONS, INTRAVENOUS/ METHYLATION/ *PREGNANCY/ RADIOISOTOPE DILUTION TECHNIC/ TIME FACTORS/ TRITIUM

993. De Lee C: Cycles endocriniens et sommeil paradoxal. *Acta Neurol Belg* 73:389-94, Nov-Dec 73 (Fre)

ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ ELECTROOCULOGRAPHY/ *ENDOCRINE GLANDS, physiology/ FEMALE/ HUMAN/ *MENSTRUATION/ *OVULATION/ PERIODICITY/ *PREGNANCY/ *SLEEP, REM

994. De Leon V, Yang WK, Sirlin JL: Isoaccepting histidyl-tRNAs in the mouse placenta. *Cell Differ* 1:279-85, Dec 72

AMINO ACIDS, metabolism/ AMINO ACYL T RNA SYNTHETASES, analysis/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CELL DIFFERENTIATION/ CHROMATOGRAPHY/ FEMALE/ GESTATIONAL AGE/ *HISTIDINE, metabolism/ *PLACENTA, analysis/ PLACENTA, physiology/ *RNA, TRANSFER, analysis/ RNA, TRANSFER, isolation & purification/ TRITIUM

995. Dellitala G, Masala A, Rolandi E: Effect of L-dopa on plasma GH, LH, FSH and 11-OH-CS in normal adult subjects. *Folia Endocrinol (Roma)* 27:279-89, Jun 74

ADOLESCENCE/ ADULT/ AGE FACTORS/ *DOPA, pharmacodynamics/ FEMALE/ *FSH, blood/ HUMAN/ *11-HYDROXYCORTICOSTEROIDS, blood/ *LH, blood/ MALE/ MIDDLE AGE/ *PITUITARY HORMONES, ANTERIOR, blood/ *SOMATOTROPIN, blood

996. Dell'Acqua S, Mancuso S, Catelli MG, et al: Conversion of labelled cholesterol to neutral steroids by human ovaries perfused in vivo. *Acta Endocrinol (Kbh)* 75:368-78, Feb 74

*CHOLESTEROL, metabolism/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ HYDROXYPROGESTERONE, isolation & purification/ LH, pharmacodynamics/ OVARY, analysis/ OVARY, drug effects/ *OVARY, metabolism/ PERFUSION/ *PREGNENOLONE, biosynthesis/ PREGNENOLONE, isolation & purification/ *PROGESTERONE, biosynthesis/ PROGESTERONE, isolation & purification/ STIMULATION, CHEMICAL/ TISSUE EXTRACTS/ TRITIUM

997. Dellling G, Azimi C, Donath K, et al: Osteopathie bei Langzeitdialyse (Morphometrische, physikalisch-chemische und elektronenmikroskopische Untersuchungen. *Verh Dtsch Ges Rheumatol* 3:176-7, 1974 (Ger)

AUTOPSY/ CALCIUM, metabolism/ *HEMODIALYSIS, adverse effects/ HUMAN/ HYPERPARATHYROIDISM, SECONDARY, pathology/ MICROSCOPY, ELECTRON/ *OSTEOMALACIA/ OSTEOALACIA, etiology/ OSTEOALACIA, metabolism/ OSTEOALACIA, pathology/ TIME FACTORS

998. Dellmann HD, Stoeckel ME, Hindelang-Gertner C, et al: A comparative ultrastructural study of the pars tuberalis of various mammals, the chicken and the newt. *Cell Tissue Res* 148:313-29, 30 Apr 74

ANIMAL EXPERIMENTS/ CASTRATION/ CATS, anatomy & histology/ CATTLE, anatomy & histology/ CELL NUCLEUS/ CELLULAR INCLUSIONS/ CHICKENS, anatomy & histology/ CHROMATIN/ COMPARATIVE STUDY/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/

AUTHOR SECTION

- GLYCOGEN/ GOLGI APPARATUS/
HAMSTERS, anatomy & histology/
HYPOPHYSECTOMY/ LYSOSOMES/ MICE,
anatomy & histology/ MICROSCOPY,
ELECTRON/ MITOCHONDRIA/ *PITUITARY
GLAND, cytology/ PITUITARY GLAND,
secretion/ PITUITARY HORMONES,
ANTERIOR/ RATS, anatomy & histology/
RIBOSOMES/ SALAMANDERS, anatomy &
histology/ SPECIES SPECIFICITY
999. Dellon AL, Hume RB, Chretien FB: Letter: Eosinophilia
in bronchogenic carcinoma.
N Engl J Med 291:207-8, 25 Jul 74
ADENOCARCINOMA, complications/
*CARCINOMA, BRONCHOGENIC,
complications/ CARCINOMA, OAT CELL,
complications/ *EOSINOPHILIA, complications/
HUMAN/ LEUKOCYTE COUNT/ *LUNG
NEOPLASMS, complications
1000. Delonca H, Julien MA, Laget JP, et al: Croissance
cristalline dans une suspension injectable de
chloramphénicol et prednisolone.
J Pharm Belg 29:16-30, Jan-Feb 74 (Fre)
*CHLORAMPHENICOL/ CRYSTALLIZATION/
ENGLISH ABSTRACT/ METHODS/ PARTICLE
SIZE/ *PREDNISOLONE/ SOLUTIONS/
SUSPENSIONS
1001. Del Pozo E, Varga L, Wyss H, et al: Clinical and
hormonal response to bromocriptin (CB-154) in the
galactorrhea syndromes.
J Clin Endocrinol Metab 39:18-26, Jul 74
AMENORRHEA, chemically induced/
BROMINE, therapeutic use/
CHLORPROMAZINE, pharmacodynamics/
CONTRACEPTIVES, ORAL, adverse effects/
*ERGOT ALKALOIDS, therapeutic use/
FEMALE/ FSH, blood/ HUMAN/ *LACTATION
DISORDERS, drug therapy/ LH, blood/
LH-FSH RELEASING HORMONE,
pharmacodynamics/ MENSTRUATION, drug
effects/ PROGESTERONE, blood/
*PROLACTIN, antagonists & inhibitors/
PROLACTIN, blood/ RADIOIMMUNOASSAY/
THYROTROPIN RELEASING HORMONE,
pharmacodynamics
1002. DeLuca HF: The kidney as an endocrine organ involved
in calcium homeostasis.
Kidney Int 4:80-8, Aug 73 (65 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BONE AND BONES, metabolism/ *CALCIUM,
metabolism/ CALCIUM, pharmacodynamics/
DIET THERAPY/
DIHYDROXYCHOLECALCIFEROLS,
biosynthesis/
DIHYDROXYCHOLECALCIFEROLS, therapeutic
use/ *HOMEOSTASIS/ HUMAN/
HYPERPARATHYROIDISM, SECONDARY,
etiology/ INTESTINAL ABSORPTION/
*KIDNEY, physiology/ KIDNEY CORTEX,
metabolism/ KIDNEY FAILURE, CHRONIC,
complications/ KIDNEY TUBULES,
metabolism/ LIVER, metabolism/
PARATHYROID GLANDS, physiology/
PARATHYROID HORMONE, physiology/
PHOSPHATES, pharmacodynamics/
PHOSPHORUS, metabolism/ RENAL
OSTEODYSTROPHY, etiology/ REVIEW/
VITAMIN D, chem synthesis/ VITAMIN D,
metabolism
1003. DeLuca HF: Third F. Raymond Keating, Jr., Memorial
Symposium--parathyroid hormone, calcitonin and
vitamin D: clinical considerations. II. Vitamin D--1973.
Am J Med 57:1-12, Jul 74 (79 ref.)
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ CALCIUM, blood/ CALCIUM,
metabolism/ CALCIUM, physiology/
CHOLECALCIFEROL, metabolism/
CHOLECALCIFEROL, physiology/
DACTINOMYCIN, metabolism/
DIHYDROXYCHOLECALCIFEROLS,
biosynthesis/ ETHANE, metabolism/
HOMEOSTASIS, drug effects/
HYDROXYCHOLECALCIFEROL, biosynthesis/
HYDROXYLASES, metabolism/
- HYDROXYLASES, physiology/
HYDROXYLATION/ HYPERCALCEMIA,
physiopathology/ HYPOCALCEMIA,
physiopathology/ INTESTINES, metabolism/
KIDNEY, metabolism/ MITOCHONDRIA,
enzymology/ MITOCHONDRIAL SWELLING,
drug effects/ PARATHYROID HORMONE,
physiology/ PHOSPHONIC ACIDS, metabolism/
PHOSPHORUS, blood/ REVIEW/ *VITAMIN D
metabolism/ VITAMIN D, physiology/
VITAMIN D DEFICIENCY, physiopathology
1004. De Luca R, Palumbo E, Scognamiglio S, et al: Saggi sulla
variabilità d'azione delle tropine ipofisarie. I. II TS
Boll Soc Ital Biol Sper 49:615-8, 15 Jul 73 (Ita)
IN VITRO/ *PITUITARY HORMONES,
pharmacodynamics/ STRUCTURE-ACTIVITY
RELATIONSHIP/ THYROTROPIN, analysis/
*THYROTROPIN, pharmacodynamics/ UTERUS
drug effects
1005. De Luca R, Palumbo E, De Trana L, et al: Saggi sulla
variabilità d'azione delle tropine ipofisarie. II.
Tetracosactide ed ST.
Boll Soc Ital Biol Sper 49:619-21, 15 Jul 73 (Ita)
AMINO ACIDS, analysis/ CORTICOTROPIN,
analysis/ *CORTICOTROPIN,
pharmacodynamics/ ELECTROPHORESIS/ IN
VITRO/ LH, analysis/ PEPTIDES, analysis/
PITUITARY HORMONES, pharmacodynamics/
SOMATOTROPIN, analysis/ *SOMATOTROPIN,
pharmacodynamics/ THYROTROPIN, analysis
1006. De Mattels F, Spennati GF, Persichetti B: Livelli seriali
di triiodotironina e di tiroxina nei primi 15 giorni di
vita nel neonato di basso peso.
Minerva Pediatr 26:409-16, 10 Mar 74 (Ita)
AGE FACTORS/ *BIRTH WEIGHT/ ENGLISH
ABSTRACT/ HUMAN/ *INFANT, NEWBORN/
INFANT, PREMATURE/ IODINE
RADIOISOTOPES/ RADIOIMMUNOASSAY/
*THYROXINE, blood/ *TRIIODOTHYRONINE,
blood
1007. Dembińska-Kieć A, Grodzńska L, Piotrowicz J: The
influence of indomethacin on the prostaglandin
synthetase system in rat tissues in vivo.
Pol J Pharmacol Pharm 26:79-82, Jan-Apr 74
ANIMAL EXPERIMENTS/ ARACHIDONIC
ACID, metabolism/ BRAIN, enzymology/
CHROMATOGRAPHY, THIN LAYER/
*HYDROXYLASES, metabolism/
*INDOMETHACIN, pharmacodynamics/
KIDNEY, enzymology/ LUNG, enzymology/
MYOCARDIUM, enzymology/
*PROSTAGLANDINS, biosynthesis/ SEMINAL
VESICLES, enzymology
1008. Demisch K, Cegla UH, Neubauer M, et al: Einfluss von
ACTH und Cortisol auf die Gonadenfunktion.
Verh Dtsch Ges Inn Med 79:1252-5, 1973 (Ger)
*CORTICOTROPIN, physiology/ FEMALE/
*GONADS, physiology/ HUMAN/
HYDROCORTISONE, blood/
*HYDROCORTISONE, physiology/ LH, blood/
MALE/ TESTOSTERONE, blood
1009. Dempster WJ: The nature of the venous systems in the
adrenal gland. Tohoku J Exp Med 112:63-77, Jan 74
*ADRENAL GLANDS, blood supply/ ANIMAL
EXPERIMENTS/ CATECHOLAMINES/
CHROMAFFIN SYSTEM/ GLUCOCORTICOIDS/
HUMAN/ *VEINS
1010. Demura H: [Idiopathic Addison's disease]
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)
ADDISON'S DISEASE, complications/
ADDISON'S DISEASE, diagnosis/ ADDISON'S
DISEASE, familial & genetic/ *ADDISON'S
DISEASE, immunology/ ADDISON'S DISEASE,
pathology/ ADOLESCENCE/ ADRENAL
GLANDS, immunology/ ADULT/
AUTOIMMUNE DISEASES/ CELL MIGRATION/
INHIBITION/ CHILD, PRESCHOOL/
COMPLEMENT FIXATION TESTS/ DIABETES
MELLITUS, complications/ FEMALE/
FLUORESCENT ANTIBODY TECHNIC/
HUMAN/ HYPERTHYROIDISM, complications/
HYPOPARATHYROIDISM, complications/
HYPOTHYROIDISM, complications/

AUTHOR SECTION

LYMPHOCYTE TRANSFORMATION/ MALE/
MIDDLE AGE/ REVIEW/ SKIN TESTS/
THYROID GLAND, immunology/
THYROIDITIS, LYMPHOMATOUS,
complications

1011. Denamur E: Luteotrophic factors in the sheep.
J Reprod Fertil 38:251-9, Jun 74 (65 ref.)
ANIMAL EXPERIMENTS/ *CORPUS LUTEUM,
physiology/ ESTRUS/ FEMALE/ FSH,
physiology/ GRAAFIAN FOLLICLE, radiation
effects/ HYPOPHYSECTOMY/ IMMUNE
SERUMS/ LH, blood/ LH, physiology/
PITUITARY GLAND, physiology/ PROLACTIN,
blood/ PROLACTIN, physiology/ PROLACTIN,
secretion/ RADIATION EFFECTS/ REVIEW/
SECRETORY RATE/ *SHEEP, physiology

1012. De Nayer P: Effect of cyclic 3'-5' GMP on in vitro
protein synthesis. Biochimie 55:1507-9, 1973
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ADENOSINE
TRIPHOSPHATE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ CATTLE/ *GUANOSINE
CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ GUANOSINE
TRIPHOSPHATE, pharmacodynamics/ IN
VITRO/ POLYRIBOSOMES/ PROTEINS,
biosynthesis/ *PROTEINS, biosynthesis/
STIMULATION, CHEMICAL/ THYROID
GLAND, cytology/ THYROID GLAND, drug
effects/ *THYROID GLAND, metabolism/
TRICARBOXYLIC ACIDS, pharmacodynamics

1013. Denef C: Effect of hypophysectomy and pituitary
implants at puberty on the sexual differentiation of
testosterone metabolism in rat liver.
Endocrinology 94:1577-82, Jun 74
ANDROSTANES, metabolism/ ANIMAL
EXPERIMENTS/ CASTRATION/
COMPARATIVE STUDY/ FEMALE/ KIDNEY/
*LIVER, metabolism/ MALE/ *PITUITARY
GLAND, physiology/ PITUITARY GLAND,
transplantation/ RATS/ SEX FACTORS/
*TESTOSTERONE, metabolism/
TRANSPLANTATION, HOMOLOGOUS/
TRITIUM

1014. Deneke C: Die Natriumfluorid-Therapie bei der
Kortikoid-Osteoporose.
Med Monatsschr 27:469-71, Oct 73 (Ger)
*ADRENAL CORTEX HORMONES, adverse
effects/ ADULT/ DRUG EVALUATION/
FEMALE/ *FLUORIDES, therapeutic use/
HUMAN/ MALE/ MIDDLE AGE/
OSTEOPOROSIS, chemically induced/
*OSTEOPOROSIS, drug therapy/ SODIUM,
therapeutic use

1015. Denis G, Kucserpa A: Effect of calcitonin on P uptake in
epiphyseal cartilages of P-deficient rats.
Can J Physiol Pharmacol 52:355-7, Apr 74
ANIMAL EXPERIMENTS/ *CALCITONIN,
pharmacodynamics/ *CARTILAGE, metabolism/
DEFICIENCY DISEASES, metabolism/
*EPIPHYSES, metabolism/ MALE/
PARATHYROID GLANDS, physiology/
*PHOSPHORUS, metabolism/ RICKETS,
metabolism/ TETANY/ THYROID GLAND,
physiology/ THYROIDECTOMY

1016. Denis G, Kucserpa AV: Effet de l'extrait
parathyroïdien sur la régulation phosphocalcique chez
le jeune rat en carence phosphatée.
Union Med Can 102:1286-9, Jun 73 (Fre)
ANIMAL EXPERIMENTS/ *BONE
RESORPTION, drug effects/ CALCIUM, blood/
*CALCIUM, metabolism/ COMPARATIVE
STUDY/ DIETARY PROTEINS, metabolism/
ENGLISH ABSTRACT/ PARATHYROID
GLANDS, physiology/ *PARATHYROID
HORMONE, pharmacodynamics/ PHOSPHORUS,
blood/ *PHOSPHORUS, metabolism/
PHOSPHORUS, urine/ SECRETORY RATE/
*TISSUE EXTRACTS, pharmacodynamics/
UREA, blood/ UREA, urine

1017. Denlinger JK, Lecky JH, Nahrwold ML: Hepatocellular
dysfunction without jaundice after enflurane
anesthesia. Anesthesiology 41:86-7, Jul 74

ANESTHESIA, INHALATION/ *ANESTHETICS,
adverse effects/ HALOTHANE,
adverse effects/ HEPATITIS, TOXIC, drug
therapy/ *HEPATITIS, TOXIC, etiology/
HUMAN/ HYDROCORTISONE, therapeutic use/
*LIVER, drug effects/ LIVER FUNCTION
TESTS/ MALE/ PARATHYROID NEOPLASMS,
surgery/ PHEOCHROMOCYTOMA, surgery/
SYNDROME/ THYROID NEOPLASMS, surgery

1018. Deoreo GA Jr, Stewart BH, Tarazi RC, et al:
Preoperative blood transfusion in the safe surgical
management of pheochromocytoma: a review of 46
cases. J Urol 111:715-21, Jun 74

ADOLESCENCE/ ADRENAL GLAND
NEOPLASMS, complications/ ADRENAL
GLAND NEOPLASMS, diagnosis/ ADRENAL
GLAND NEOPLASMS, radiography/
*ADRENAL GLAND NEOPLASMS, surgery/
ADRENAL MEDULLA/ ADRENERGIC ALPHA
RECEPTOR BLOCKADERS, administration &
dosage/ ADULT/ AGED/ ANESTHESIA,
INHALATION/ *BLOOD TRANSFUSION/
CATECHOLAMINES, urine/ CELIAC ARTERY,
radiography/ FEMALE/ HUMAN/
HYPERTENSION, etiology/ HYPOTENSION,
prevention & control/ MALE/ MESENTERIC
ARTERIES, radiography/ METHOXYFLURANE/
MIDDLE AGE/ PHEOCHROMOCYTOMA,
complications/ PHEOCHROMOCYTOMA,
diagnosis/ PHEOCHROMOCYTOMA,
radiography/ *PHEOCHROMOCYTOMA,
surgery/ PLASMA VOLUME/
POSTOPERATIVE COMPLICATIONS,
occurrence/ POSTOPERATIVE
COMPLICATIONS, prevention & control/
RENAL ARTERY, radiography/ TIME
FACTORS

1019. De Pastrana SL, Beltrán M, González P, et al:
Cuantificación de tiroxina urinaria.
Rev Invest Clin 26:133-9, Apr-Jun 74 (Spa)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
MALE/ *RADIOIMMUNOASSAY/ *THYROID
DISEASES, urine/ *THYROXINE, urine

1020. De Prà M: Considerazioni su un caso originale di
sindrome polimorfomatosa.
Minerva Pediatr 26:75-7, 28 Jan 74 (Ita)
*ABNORMALITIES, MULTIPLE, familial &
genetic/ ENGLISH ABSTRACT/ HUMAN/
KARYOTYPING/ MALE/ PHENOTYPE/
*PIERRE ROBIN SYNDROME, complications/
SEX CHROMOSOMES/ SYNDROME

1021. De Prà M, Recca R, Marongiu GF: Considerazioni
sull'attualità del problema degli itteri neonatali.
Minerva Pediatr 26:260-3, 18 Feb 74 (Ita)
CORTISONE, therapeutic use/ ENGLISH
ABSTRACT/ HUMAN/ IMMUNIZATION/
INFANT, NEWBORN/ ISOANTIGENS/
JAUNDICE, NEONATAL, drug therapy/
*JAUNDICE, NEONATAL, etiology/
JAUNDICE, NEONATAL, therapy/ LIGHT,
therapeutic use/ PHENOBARBITAL,
therapeutic use

1022. Derubertis FR: Delodination of l-tyrosine in vitro by
peripheral leukocytes from rhesus monkeys with
bacterial sepsis. J Ky Med Assoc 83:902-10, Jun 74
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ COMPARATIVE STUDY/
GLUCOSE, metabolism/ IN VITRO/ *IODIDES,
metabolism/ IODINE RADIOISOTOPES/
*LEUKOCYTES, metabolism/ MACACA/
MALE/ MONKEYS/ NEUTROPHILS,
metabolism/ OXIDATION-REDUCTION/
PHAGOCYTOSIS/ *SALMONELLA
INFECTIONS, metabolism/ SALMONELLA
TYPHIMURIUM/ *SEPTICEMIA, metabolism/
*THYROXINE, metabolism

1023. DeRubertis FR, Zenser TV, Curnow ET: Inhibition of
glucagon-mediated increases in hepatic cyclic
adenosine 3', 5'-monophosphate by prostaglandin E1
and E2. Endocrinology 95:93-101, Jul 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENYL
CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ *GLUCAGON, antagonists &

AUTHOR SECTION

- inhibitors/ GLUCAGON, pharmacodynamics/
GLYCOGEN SYNTHETASE, metabolism/
INSULIN, pharmacodynamics/ LIVER,
enzymology/ *LIVER, metabolism/ MALE/
PHOSPHODIESTERASES, metabolism/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics
1024. DeRubertis FR, Zenser TV, Adler WH, et al: Role of cyclic adenosine 3',5'-monophosphate in lymphocyte mitogenesis. *J Immunol* 113:151-61, Jul 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENOSINE
TRIPHOSPHATE, metabolism/ *ADENYL
CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ CELLS, CULTURED/
CONCAVALIN A, pharmacodynamics/
ENDOTOXINS, pharmacodynamics/
ENTEROTOXINS, pharmacodynamics/ HUMAN/
*LYMPHOCYTE TRANSFORMATION/
LYMPHOCYTES, enzymology/
LYMPHOCYTES, immunology/ MICE/ MICE,
INBRED C57BL/ PHOSPHORUS
RADIOISOTOPES/ PLANT AGGLUTININS,
pharmacodynamics/ PROSTAGLANDINS,
pharmacodynamics/ SALMONELLA
TYPHIMURIUM, immunology/ SPLEEN,
cytology/ STAPHYLOCOCCUS, immunology/
THEOPHYLLINE, pharmacodynamics/
THYMIDINE, metabolism/ TOXOIDS,
pharmacodynamics/ TRITIUM/ VIBRIO
COMMA, immunology
1025. Desbuquois B, Krug F, Cuatrecasas P: Inhibitors of glucagon inactivation. Effect on glucagon-receptor interactions and glucagon-stimulated adenylate cyclase activity in liver cell membranes. *Biochim Biophys Acta* 343:101-20, 20 Mar 74
*ADENYL CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ ANTIBIOTICS,
pharmacodynamics/ BACITRACIN,
pharmacodynamics/ CELL MEMBRANE,
enzymology/ CELL MEMBRANE, metabolism/
CORTICOTROPIN, pharmacodynamics/
DEOXYCHOLIC ACID, pharmacodynamics/
DETERGENTS, pharmacodynamics/
GLUCAGON, antagonists & inhibitors/
*GLUCAGON, metabolism/ GLUCAGON,
pharmacodynamics/ HORMONES,
pharmacodynamics/ IODINE RADIOISOTOPES/
KINETICS/ LIVER, cytology/ LIVER,
enzymology/ *LIVER, metabolism/
MEMBRANES, drug effects/ MEMBRANES,
metabolism/ MICROSOMES, LIVER/
MICROSOMES, LIVER, drug effects/
MICROSOMES, LIVER, metabolism/ PEPTIDES,
pharmacodynamics/ PHENANTHROLINES,
pharmacodynamics/ RATS/ *RECEPTORS,
HORMONE, drug effects
1026. Desgres J, Begue RJ, Padieu P: Analyse qualitative et quantitative des 17-oxostéroïdes et des 20-hydroxy-21-déoxystéroïdes urinaux par chromatographie gaz-liquide et par spectrométrie de masse. *Clin Chim Acta* 52:381-405, 17 May 74 (Fre)
*ANDROSTANES, urine/ ANDROSTERONE,
urine/ CHROMATOGRAPHY, GAS/
COMPARATIVE STUDY/
DEHYDROEPIANDROSTERONE, urine/
ENGLISH ABSTRACT/ EVALUATION
STUDIES/ HUMAN/ HYDROXYSTEROIDS,
urine/ *17-KETOSTEROIDS, urine/
KETOSTEROIDS, isolation & purification/
METHODS/ PREGNANEDIOL, urine/
*PREGNANES, urine/ PREGNANETRIOL,
urine/ SNAILS, enzymology/ SPECTRUM
ANALYSIS, MASS/ STEREOISOMERS
1027. Deshmukh DS, Flynn TJ, Pieringer RA: The biosynthesis and concentration of galactosyl diglyceride in glial and neuronal enriched fractions of actively myelinating rat brain. *J Neurochem* 22:479-85, Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
AGING/ ANIMAL EXPERIMENTS/ BRAIN,
enzymology/ BRAIN, metabolism/ CELL
FRACTIONATION/ CENTRIFUGATION,
DENSITY GRADIENT/ CERAMIDES/
FEMALE/ GALACTOSE/ GALACTOSE,
- biosynthesis/ GLUCOSYLTRANSFERASES,
analysis/ *GLYCERIDES, biosynthesis/
*GLYCOLIPIDS, biosynthesis/
HEXOSYLTRANSFERASES, analysis/ MALE/
MICROSCOPY, PHASE CONTRAST/ MYELIN
SHEATH, enzymology/ MYELIN SHEATH,
metabolism/ NEUROGLIA, enzymology/
*NEUROGLIA, metabolism/
PHOSPHODIESTERASES, analysis/ RATS/
SUBCELLULAR FRACTIONS, enzymology/
SUBCELLULAR FRACTIONS, metabolism
1028. Deshpande N, Carson F: Proceedings: Metabolism of steroid hormones by the human mammary gland in vivo and in vitro. *N Engl J Med* 291:53-4, 11 Jun 74
*ANDROGENS, metabolism/ *BREAST
NEOPLASMS, metabolism/ *ESTROGENS,
metabolism/ FEMALE/ HUMAN/ IN VITRO/
*PROGESTATIONAL HORMONES, metabolism
1029. Deslauriers R, Smith CP, Walter R: Conformational flexibility of the neurohypophyseal hormones oxytocin and lysine-vasopressin. A carbon-13 spin-lattice relaxation study of backbone and side chains. *J Am Chem Soc* 96:2289-91, 3 Apr 74
CARBON ISOTOPES/ ELECTRON SPIN
RESONANCE/ *LYSINE/ MOLECULAR
CONFORMATION/ *OXYTOCIN/ PEPTIDES/
*VASOPRESSIN
1030. Deutsch S: Kidney function during anesthesia and hemorrhage. *Int Anesthesiol Clin* 12:109-25, Spring 74 (27 ref.)
*ANESTHESIA/ ANESTHESIA, EPIDURAL/
ANESTHESIA, GENERAL/ ANESTHESIA,
SPINAL/ *ANESTHETICS, pharmacodynamics/
ANGIOTENSIN, physiology/ ANIMAL
EXPERIMENTS/ ANOXEMIA, complications/
ANURIA, etiology/ GLOMERULAR
FILTRATION RATE/ HEMODYNAMICS, drug
effects/ HUMAN/ HYPOTENSION,
complications/ KIDNEY, anatomy & histology/
KIDNEY, blood supply/ *KIDNEY, drug
effects/ KIDNEY, physiology/ KIDNEY,
physiopathology/ KIDNEY FUNCTION TESTS/
PREANESTHETIC MEDICATION/ REGIONAL
BLOOD FLOW/ RENIN, physiology/ REVIEW/
SHOCK, HEMORRHAGIC, complications/
*SHOCK, HEMORRHAGIC, physiopathology/
VASOPRESSIN, secretion/
WATER-ELECTROLYTE BALANCE
1031. De Vlaming VL, Sage M, Charlton CB: The effects of melatonin treatment on gonosomatic index in the teleost, *Fundulus similis*, and the tree frog, *Hyla cinerea*. *Gen Comp Endocrinol* 22:433-8, Apr 74
ANIMAL EXPERIMENTS/ FEMALE/ *FISHES,
physiology/ *FROGS, physiology/ MALE/
*MELATONIN, pharmacodynamics/ ORGAN
WEIGHT/ *OVARY, drug effects/ PHOTIC
STIMULATION/ SEASONS/ *TESTIS, drug
effects
1032. Devynck MA, Pernellet MG, Meyer P, et al: Solubilisation of angiotensin II receptors in rabbit aortae membranes. *Nature* 249:67-9, 3 May 74
*ANGIOTENSIN II, metabolism/ ANIMAL
EXPERIMENTS/ AORTA, analysis/ AORTA,
cytology/ *AORTA, metabolism/ BINDING,
COMPETITIVE/ BINDING SITES/
MICROSOMES, analysis/ MICROSOMES,
metabolism/ MUSCLE, SMOOTH, metabolism/
PROTEIN BINDING/ PROTEINS, analysis/
RABBITS/ *RECEPTORS, HORMONE/
SOLUBILITY/ STRUCTURE-ACTIVITY
RELATIONSHIP/ TRITIUM
1033. De Wolf M, Lagrou A, Hilderson HJ, et al: Oplosbare en membraangebonden fosfolipasen in runderschildklier. *Arch Int Physiol Biochim* 81:966, Dec 73 (Dut)
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ CATTLE/ HYDROGEN-ION
CONCENTRATION/ LECITHINS, metabolism/
MEMBRANES, enzymology/ MICROSOMES,
enzymology/ *PHOSPHOLIPASE, metabolism/
TAUROCHOLIC ACID, metabolism/ THYROID
GLAND, cytology/ *THYROID GLAND,
enzymology/ TRITIUM

AUTHOR SECTION

1034. Dhalla NS, Sulakhe PV: Adenylate cyclase activities of the sarcotubular membranes of the genetically myopathic hamsters. *Biochem Med* 9:368-72, Apr 74
*ADENYL CYCLASE, metabolism/ AGING/
ANIMAL EXPERIMENTS/ COMPARATIVE
STUDY/ ENZYME ACTIVATION/ FLUORIDES,
pharmacodynamics/ HAMSTERS/ HEART,
growth & development/ MALE/ MUSCLES,
cytology/ MUSCLES, enzymology/ MUSCLES,
growth & development/ MUSCLES, pathology/
*MUSCULAR DYSTROPHY, ANIMAL,
enzymology/ MUSCULAR DYSTROPHY,
ANIMAL, familial & genetic/ MYOCARDIUM,
cytology/ MYOCARDIUM, enzymology/
MYOCARDIUM, pathology/ NOREPINEPHRINE,
pharmacodynamics/ SARCOPLASMIC
RETICULUM, drug effects/ *SARCOPLASMIC
RETICULUM, enzymology
1035. Dhar GJ, Pierach CA, Ahamed FN, et al: Diphenylhydantoin-induced hepatic necrosis. *Postgrad Med* 56:128-34, Jul 74
CASE REPORT/ *DIPHENYLHYDANTOIN,
adverse effects/ DIPHENYLHYDANTOIN,
therapeutic use/ DRUG HYPERSENSITIVITY,
diagnosis/ DRUG HYPERSENSITIVITY, drug
therapy/ DRUG HYPERSENSITIVITY, etiology/
EPILEPSY, GRAND MAL, drug therapy/
FEMALE/ FEVER, etiology/ HEPATITIS,
TOXIC, drug therapy/ HEPATITIS, TOXIC,
etiology/ HUMAN/ LIVER, pathology/ LIVER
DISEASES, pathology/ LYMPH NODES,
pathology/ NECROSIS/ PHENOBARBITAL,
therapeutic use/ PREDNISONE, therapeutic
use/ RUBELLA, diagnosis/ SKIN DISEASES,
etiology/ *TOXEMIA, etiology
1036. Dick-Smith JB: Joint and soft tissue injection therapy in rheumatology. *Med J Aust* 1:539-40, 6 Apr 74
*ADRENAL CORTEX HORMONES,
administration & dosage/ ADRENAL CORTEX
HORMONES, therapeutic use/ ARTHRITIS,
diagnosis/ *ARTHRITIS, drug therapy/
ARTHRITIS, RHEUMATOID, diagnosis/
ARTHRITIS, RHEUMATOID, drug therapy/
DRAINAGE/ GOUT, diagnosis/ HUMAN/
INJECTIONS/ INJECTIONS,
INTRA-ARTICULAR/ JOINT DISEASES,
diagnosis/ SPECIMEN HANDLING/ SYNOVIAL
FLUID/ TENDONS, PARA-ARTICULAR
1037. Dickmann Z, Dey SK: Evidence that delta-5-beta-hydroxysteroid dehydrogenase activity in rat blastocysts is autonomous. *J Endocrinol* 61:513-4, Jun 74
ANIMAL EXPERIMENTS/ BLASTOCYST, drug
effects/ *BLASTOCYST, enzymology/
FEMALE/ GONADOTROPINS, PITUITARY,
physiology/ HISTOCYTOCHEMISTRY/
*HYDROXYSTEROID DEHYDROGENASES,
analysis/ HYPOPHYSECTOMY/ NIDATION/
PROGESTERONE, pharmacodynamics/
PROGESTERONE, physiology/ UTERUS,
physiology
1038. Didolkar MS, Moore GE: Hormone-dependent medullary carcinoma of the thyroid. *Am J Surg* 128:100-2, Jul 74
*CARCINOMA, drug therapy/ CARCINOMA,
pathology/ CARCINOMA, radiography/
CARCINOMA, surgery/ FEMALE/ HUMAN/
LUNG NEOPLASMS, drug therapy/ LUNG
NEOPLASMS, pathology/ LUNG NEOPLASMS,
radiography/ NEOPLASM METASTASIS/
*THYROID HORMONES, therapeutic use/
*THYROID NEOPLASMS, drug therapy/
THYROID NEOPLASMS, pathology/ THYROID
NEOPLASMS, surgery/ *TISSUE EXTRACTS,
therapeutic use
1039. Diehl JR, Godke RA, Killian DB, et al: Induction of parturition in swine with prostaglandin F₂alpha. *J Anim Sci* 38:1229-34, Jun 74
ANIMAL EXPERIMENTS/ BIRTH WEIGHT/
FEMALE/ GESTATIONAL AGE/
GLUCOCORTICOID, blood/ INJECTIONS,
INTRAVENOUS/ *LABOR, drug effects/
LABOR, INDUCED, veterinary/
PROGESTERONE, blood/ PROSTAGLANDINS,
administration & dosage/ *PROSTAGLANDINS,
pharmacodynamics/ *SWINE, physiology
1040. Diem E, Oppolzer R: Die Reiter'sche Krankheit. *Z Hautkr* 49:157-63, 15 Feb 74 (Ger)
ADULT/ AZATHIOPRINE, therapeutic use/
CASE REPORT/ CORTICOTROPIN, therapeutic
use/ FOOT DERMATOSES/ HAND
DERMATOSES/ HUMAN/ MALE/
METHOTREXATE, therapeutic use/
PHENYLBUTAZONE, therapeutic use/
*REITER'S DISEASE, diagnosis/ REITER'S
DISEASE, drug therapy/ SKIN
MANIFESTATIONS
1041. Dielen SW van: Ontwikkelingen in de K.I. bij rundvee: K.I.-technisch gezien. *Tijdschr Diergeneeskd* 97:205-15, 15 Feb 72 (Dut)
ANIMAL EXPERIMENTS/ ENGLISH
ABSTRACT/ ESTRUS/ FEMALE/ FERTILITY/
FERTILIZATION/ FETAL DEATH, prevention
& control/ FETAL DEATH, veterinary/
FREEZING/ HISTORICAL ARTICLE/
INSEMINATION, ARTIFICIAL, history/
*INSEMINATION, ARTIFICIAL, veterinary/
KARYOTYPING/ LACTATION/ MALE/
METHODS/ NETHERLANDS/ PRESERVATION,
BIOLOGICAL/ RECORDS/ SPECIMEN
HANDLING/ SPERM CAPACITATION/
VETERINARY MEDICINE
1042. Dietrich HH: Doppelseitige Hodentorsion. *Zentralbl Chir* 99:335-6, 15 Mar 74 (Ger)
ADOLESCENCE/ BIOPSY/ HUMAN/ MALE/
SPERMATIC CORD TORSION, diagnosis/
SPERMATIC CORD TORSION, pathology/
*SPERMATIC CORD TORSION, surgery/
TESTIS, pathology/ TIME FACTORS
1043. Dietrichson O, Nielsen JO, Elling P, et al: The relevance of a serological classification of chronic hepatitis. *Acta Pathol Microbiol Scand [B]* 81:519-24, Oct 73
*ANTIBODIES/ *ANTINUCLEAR FACTORS/
*AUSTRALIA ANTIGEN/ AUTOANTIBODIES/
FEMALE/ FLUORESCENT ANTIBODY
TECHNIC/ FOLLOW-UP STUDIES/ GEL
DIFFUSION TESTS/ *HEPATITIS,
HOMOLOGOUS SERUM, immunology/
*HEPATITIS, INFECTIOUS, immunology/
HUMAN/ IGA/ IGG/ IGM/
IMMUNOELECTROPHORESIS/ KIDNEY,
immunology/ MALE/ MITOCHONDRIA,
immunology/ MITOCHONDRIA, LIVER,
immunology/ MUSCLE, SMOOTH, immunology/
SERODIAGNOSIS/ THYROID GLAND,
immunology
1044. Dignam BM: Proceedings: Response of fluorescent cells in the gut to antigenic challenge. *J Anat* 116:475, Dec 73
ANAPHYLAXIS/ ANIMAL EXPERIMENTS/
ANTIGEN-ANTIBODY REACTIONS/
*CHROMAFFIN SYSTEM, immunology/
FLUORESCENCE/ ILEUM, immunology/
*INTESTINAL MUCOSA, immunology/ *MAST
CELLS, immunology/ MICE/ TIME FACTORS
1045. Dählmann W: Über den Einfluss von Knochenkrankungen auf die Gelenkmorphologie (Lunatummalazie und sakroiliakale Pseudoerweiterung bei der renalen Osteopathie. *Verh Dtsch Ges Rheumatol* 3:164-7, 1974 (Ger)
CARTILAGE, ARTICULAR, pathology/
DILATATION/ FEMALE/ HEMODIALYSIS/
HUMAN/ ILIUM, pathology/ *JOINT
DISEASES, pathology/ *RENAL
OSTEODYSTROPHY, complications/
*SACROILIAC JOINT, radiography/ *UREMIA,
complications/ UREMIA, therapy/ *WRIST
JOINT, radiography
1046. Diliberto EJ Jr, Axelrod J: Characterization and substrate specificity of a protein carboxymethylase in the pituitary gland. *Proc Natl Acad Sci USA* 71:1701-4, May 74
AMMONIUM SULFATE/ ANIMAL
EXPERIMENTS/ CATALYSIS/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ COMPARATIVE STUDY/
CORTICOTROPIN/ FSH/ HYDROGEN-ION

AUTHOR SECTION

- CONCENTRATION/ KINETICS/ LH/ METHODS/ *METHYLTRANSFERASES/ METHYLTRANSFERASES, isolation & purification/ OVALBUMIN/ OXYTOCIN/ PEPTIDES/ *PITUITARY GLAND, enzymology/ *PITUITARY HORMONES/ PRECIPITATION/ PROLACTIN/ PROTEINS/ SERUM ALBUMIN, BOVINE/ SOMATOTROPIN/ THYROTROPIN/ VASOPRESSIN
1047. Dilman V: Letter: The effect of age on growth hormone secretion in man.
J Clin Endocrinol Metab 39:183, Jul 74
*AGING/ *GLUCOSE TOLERANCE TEST/ HUMAN/ *SOMATOTROPIN, secretion
1048. Dilksambandh V: Effects of an anabolic steroid (Durabolin) on rats' female genital organs under casein deficiency. J Med Assoc Thai 56:580-98, Oct 73
ANIMAL EXPERIMENTS/ *CASEIN/ FEMALE/ *GENITALIA, FEMALE, drug effects/ *NANDROLONE, pharmacodynamics/ *PROTEIN DEFICIENCY, physiopathology
1049. Dimmick JE, Ellis DR, Hardwick DF, et al: Complications of intravenous alimentation in seriously ill infants. Can J Surg 17:186-92, May 74
AUTOPSY/ GASTROINTESTINAL DISEASES, surgery/ HUMAN/ INFANT/ INTESTINAL ATRESIA, surgery/ MALE/ MEGACOLON, surgery/ MONILIASIS, etiology/ NEPHROCALCINOSIS, etiology/ *PARENTERAL FEEDING, adverse effects/ PARENTERAL FEEDING, mortality/ PHOSPHORUS, blood/ PULMONARY ARTERY/ PULMONARY EMBOLISM, etiology/ RESPIRATORY DISTRESS SYNDROME, surgery/ RICKETS, etiology/ SEPTICEMIA, etiology/ STREPTOCOCCAL INFECTIONS, etiology/ THROMBOEMBOLISM, etiology/ THROMBOPHLEBITIS, etiology
1050. Dinamani P, Wolf PH: Multiple tumors in the pericardial cavity of an Australian rock oyster, *Crassostrea commercialis* (Iredale and Roughley). Int J Cancer 11:293-9, 15 Mar 73
ANIMAL EXPERIMENTS/ AUSTRALIA/ BASEMENT MEMBRANE/ CELL NUCLEUS/ CYTOPLASM/ FEMALE/ *HEART NEOPLASMS, pathology/ LEUKOCYTES/ *LEYDIG CELL TUMOR, pathology/ LEYDIG CELLS/ *OYSTERS/ *PERICARDIUM, pathology
1051. Dionne F, Vickerson F: A double-blind comparison of two oral contraceptives containing 50 µg. and 30 µg. ethinyl estradiol. Curr Ther Res 16:281-8, Apr 74
ADULT/ COMPARATIVE STUDY/ CONSUMER SATISFACTION/ *CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ *ETHINYL ESTRADIOL, administration & dosage/ ETHINYL ESTRADIOL, adverse effects/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ MENSTRUATION, drug effects/ MENSTRUATION DISORDERS, chemically induced/ NORGESTREL, administration & dosage/ PLACEBOS/ STATISTICS/ TIME FACTORS
1052. DiPasquale G, Richter R: Post nidatory action of various compounds representing several pharmacological classes.
Res Commun Chem Pathol Pharmacol 7:701-14, Apr 74
ALDOSTERONE, antagonists & inhibitors/ ANALEPTICS, pharmacodynamics/ ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, pharmacodynamics/ ANTIDIABETICS, pharmacodynamics/ ANTIHISTAMINICS, pharmacodynamics/ ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ CHOLINESTERASE INHIBITORS, pharmacodynamics/ *CONTRACEPTIVES, POSTCOITAL, pharmacodynamics/ DIURETICS, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ ESTROGENS, antagonists & inhibitors/ FEMALE/ FETUS, drug effects/ GLUCOCORTICOIDS, pharmacodynamics/ HISTAMINE LIBERATION, drug effects/ NICOTINIC ACID, pharmacodynamics/ NIDATION, drug effects/ ORGAN WEIGHT/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects/ PROGESTATIONAL HORMONES, pharmacodynamics/ RATS/ SEROTONIN, antagonists & inhibitors/ TIME FACTORS/ TRANQUILIZING AGENTS, pharmacodynamics/ UTERUS, drug effects
1053. Di Rosa M: Prostaglandins, leucocytes and non-steroidal anti-inflammatory drugs.
Pol J Pharmacol Pharm 26:25-36, Jan-Apr 74
ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ASCITES, chemically induced/ ASCITIC FLUID, cytology/ ASPIRIN, pharmacodynamics/ BLOOD/ BONE MARROW CELLS/ CARRAGEENAN/ CELL MIGRATION INHIBITION, drug therapy/ CELL MOVEMENT, drug effects/ CELLULOSE, pharmacodynamics/ COMPOUND 48-80, pharmacodynamics/ DEXTRAN/ EDEMA, chemically induced/ FLUFENAMIC ACID, pharmacodynamics/ HISTAMINE LIBERATION/ INDOMETHACIN, pharmacodynamics/ KININOGENS, blood/ LEUKOCYTE COUNT/ *LEUKOCYTES, drug effects/ MALE/ PHENYLBUTAZONE, pharmacodynamics/ *PROSTAGLANDINS, metabolism/ RADIATION CHIMERA
1054. Distler A: Renin-Angiotensin-Aldosteron-System bei Nierenerkrankungen.
Z Allgemeinmed 50:576-9, 30 Apr 74 (Ger)
*ALDOSTERONE, secretion/ *ANGIOTENSIN, secretion/ HUMAN/ *KIDNEY DISEASES, physiopathology/ *RENIN, secretion/ WATER-ELECTROLYTE BALANCE
1055. Distler A: Ist die essentielle Hypertonie noch eine Krankheitseinheit? Abgrenzung der hyporeninämischen Hypertonie.
Internist (Berlin) 15:146-54, Mar 74 (Ger)
ALDOSTERONE, secretion/ AMILORIDE, therapeutic use/ CHLORTHALIDONE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ DRUG COMBINATIONS/ HUMAN/ HYDROCHLOROTHIAZIDE, therapeutic use/ HYPERTENSION, blood/ *HYPERTENSION, diagnosis/ HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ HYPERTENSION, physiopathology/ MINERALOCORTICOIDS, physiology/ PROGNOSIS/ RENIN, antagonists & inhibitors/ *RENIN, blood/ RENIN, secretion/ SODIUM CHLORIDE, physiology/ SODIUM CHLORIDE, urine/ SPIRONOLACTONE, therapeutic use/ SYMPATHETIC NERVOUS SYSTEM, physiopathology
1056. Distler A, Keim HJ, Lommer D, et al: Hochdosierte Spironolactone therapie bei Patienten mit "essentieller" Hypertonie und niedrigem Plasmarenin.
Verh Dtsch Ges Inn Med 79:770-3, 1973 (Ger)
HUMAN/ HYPERTENSION, blood/ *HYPERTENSION, drug therapy/ *RENIN, blood/ SPIRONOLACTONE, administration & dosage/ *SPIRONOLACTONE, therapeutic use
1057. Distler A, Keim HJ, Philipp T, et al: Austauschbares Natrium, Gesamtkörperkalium, Plasmavolumen und blutdrucksenkende Wirkung verschiedener Diuretika bei Patienten mit essentieller Hypertonie und niedrigem Plasmarenin.
Dtsch Med Wochenschr 99:864-9, 26 Apr 74 (Ger)
AMILORIDE, pharmacodynamics/ AMILORIDE, therapeutic use/ *BLOOD PRESSURE, drug effects/ *BLOOD VOLUME/ BODY SURFACE AREA/ *DIURETICS, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROCHLOROTHIAZIDE, pharmacodynamics/ HYDROCHLOROTHIAZIDE, therapeutic use/ *HYPERTENSION, blood/ HYPERTENSION, drug therapy/ HYPERTENSION, physiopathology/ MALE/ POSTURE/ *POTASSIUM, blood/ *RENIN, blood/ RENIN, physiology/ *SODIUM, blood/

AUTHOR SECTION

SPIRONOLACTONE, pharmacodynamics/
SPIRONOLACTONE, therapeutic use

1058. Divitila E de, Cerillo A: Adénome hypophysaire à développement intra-orbitaire. A propos d'un cas. Neurochirurgie 19:561-6, Nov 73 (Fre)
ADENOMA, diagnosis/ *ADENOMA, physiopathology/ ADENOMA, therapy/ ADULT/ BRACHIAL ARTERY, radiography/ BRAIN, radiography/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ NOSE, physiopathology/ *ORBITAL NEOPLASMS/ PARANASAL SINUSES, physiopathology/ PITUITARY GLAND, pathology/ PITUITARY GLAND, surgery/ PITUITARY GLAND IRRADIATION/ PITUITARY NEOPLASMS, diagnosis/ *PITUITARY NEOPLASMS, physiopathology/ PITUITARY NEOPLASMS, therapy/ STEREOTAXIC TECHNIQUES, adverse effects/ SURGERY, OPERATIVE, adverse effects/ YTTRIUM ISOTOPES, therapeutic use
1059. Dixit VP, Lohiya NK: Goitrogenic action of some anti-adrenal drugs (metopiron-dexamethasone) in the hedgehog, *Hemiechinus auritus* Collaris. Indian J Exp Biol 11:566-7, Nov 73
ANIMAL EXPERIMENTS/ *DEXAMETHASONE, toxicity/ *GOITER, chemically induced/ *HEDGEHOGS/ MALE/ *METYRAPONE, toxicity/ THYROID GLAND, drug effects
1060. Dixit VP, Niemi M: The action of testosterone administered neonatally on a rat preputial gland. Folia Endocrinol (Roma) 27:328-34, Jun 74
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *PENIS, drug effects/ RATS/ *SEBACEOUS GLANDS, drug effects/ SEMINAL VESICLES, drug effects/ TESTOSTERONE, administration & dosage/ *TESTOSTERONE, pharmacodynamics
1061. Dixit VP, Sharma VN, Lohiya NK: The effect of chronically administered cannabis extract on the testicular function of mice. Eur J Pharmacol 26:111-4, Apr 74
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *CANNABIS, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EPIDIDYMIS, anatomy & histology/ LEYDIG CELLS, drug effects/ MALE/ MICE/ ORGAN WEIGHT/ RNA, biosynthesis/ SEMINAL VESICLES, drug effects/ SPERMATOGENESIS, drug effects/ TESTIS, anatomy & histology/ *TESTIS, drug effects/ THYMUS GLAND, drug effects/ TIME FACTORS
1062. Dixon AF, Herbert J: Proceedings: Gonadal hormones and aggressive behaviour in captive groups of talapoin monkeys (*Miopithecus talapoin*). N Engl J Med 291:xlvi, 11 Jun 74
*AGGRESSION, drug effects/ ANIMAL EXPERIMENTS/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ MALE/ SOCIAL DOMINANCE/ *TESTOSTERONE, pharmacodynamics
1063. Djoseland O, Hansson V, Haugen HN: Androgen metabolism by rat epididymis. 2. Metabolic conversion of 3H-testosterone in vitro. Steroids 23:397-410, Mar 74
ANDROSTANES, biosynthesis/ ANDROSTENEDIONE, biosynthesis/ ANDROSTERONE, biosynthesis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ DEHYDROEPIANDROSTERONE, biosynthesis/ *EPIDIDYMIS, metabolism/ HYDROXYSTERIODS, metabolism/ IN VITRO/ INDICATORS AND REAGENTS/ MUSCLES, metabolism/ OXIDATION-REDUCTION/ RATS/ *TESTOSTERONE, metabolism/ TRITIUM
1064. Dinhy RG, Himathongkam T, Greenfield M: Rapid ACTH test with plasma aldosterone levels. Improved diagnostic discrimination. Ann Intern Med 80:693-6, Jun 74
ADRENAL GLAND HYPOFUNCTION, etiology/ ADRENAL GLAND HYPOFUNCTION, physiopathology/ ADULT/ AGED/ *ALDOSTERONE, blood/ ASTHMA, blood/ ASTHMA, drug therapy/ COMPARATIVE STUDY/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, diagnostic use/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ HYPOPITUITARISM, complications/ HYPOPITUITARISM, physiopathology/ INJECTIONS, INTRAMUSCULAR/ MALE/ MIDDLE AGE/ *PITUITARY-ADRENAL FUNCTION TESTS/ PITUITARY NEOPLASMS, complications/ PREDNISONE, therapeutic use
1065. Dmitrieva NP, Stefanov SB, Shvirst EM: Sravnitel'noe morfometricheskoe issledovanie ul'trastrukturnykh perestroek kletok shchitovidnoj zhelezy v razlichnye periody émbriional'nogo razvitiia, v norme i pri malignizatsii. Tsitologiya 16:551-4, May 74 (Rus)
ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION/ *CELL TRANSFORMATION, NEOPLASTIC/ COMPARATIVE STUDY/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ ENGLISH ABSTRACT/ FEMALE/ GOITER, chemically induced/ GOITER, pathology/ GOLGI APPARATUS/ HYPERPLASIA, chemically induced/ HYPERPLASIA, pathology/ LYSSOMES/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ NEOPLASM TRANSPLANTATION/ ORGANOID/ *THYROID GLAND, cytology/ THYROID GLAND, embryology/ THYROID NEOPLASMS, pathology/ TIME FACTORS
1066. Döbeln W von, Holmér I: Body composition, sinking force, and oxygen uptake of man treading water. J Appl Physiol 37:55-9, Jul 74
*BODY COMPOSITION/ BODY WEIGHT/ BONE AND BONES/ *EXERTION/ FEMALE/ HUMAN/ IMMERSION/ MALE/ *OXYGEN CONSUMPTION/ RESPIRATION/ *WATER
1067. Dobler M, Phizackerley RP: The crystal structure of the NaNCs complex of nonactin. Helv Chim Acta 57:664-74, 27 Apr 74
*ANTIBIOTICS/ CHEMISTRY/ CRYSTALLOGRAPHY/ FURANS/ MODELS, STRUCTURAL/ MOLECULAR CONFORMATION/ *THIOCYANATES
1068. Dobroskok AI, Likhtarev IA, Arkhangel'skaia GV, et al: Blastomennoe deistvie Ca45 v zavisimosti ot funktsional'nogo sostoiianiia parashchitovidnoj zhelezy. Med Radiol (Mosk) 18:17-22, Dec 73 (Rus)
ANIMAL EXPERIMENTS/ *CALCIUM RADIOISOTOPES, adverse effects/ ENGLISH ABSTRACT/ MALE/ *NEOPLASMS, RADIATION-INDUCED, etiology/ *OSTEOMA, OSTEOID, etiology/ OSTEOMA, OSTEOID, physiopathology/ PARATHYROID GLANDS, pathology/ *PARATHYROID GLANDS, physiopathology/ RATS
1069. Dobryszczyka W, Osada J, Gerber J, et al: Biochemical studies of cancer patients treated with acridine derivative (C-283). IV. Changes in the levels of serum haptoglobin and sialic acid. Arch Immunol Ther Exp (Warsz) 21:271-9, 1973
ACRIDINES, administration & dosage/ *ACRIDINES, therapeutic use/ ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, PAPILLARY, drug therapy/ ANTINEOPLASTIC AGENTS, administration & dosage/ *ANTINEOPLASTIC AGENTS, therapeutic use/ ASCITES, complications/ ASCITIC FLUID, analysis/ CARCINOMA, drug therapy/ CYSTADENOCARCINOMA, drug therapy/ CYSTADENOMA, MUCINOUS, drug therapy/ DIMETHYLAMINES, administration & dosage/ DIMETHYLAMINES, therapeutic use/ DISGERMINOMA, drug therapy/ FEMALE/ *HAPTOGLOBINS, analysis/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ *NEURAMINIC ACIDS, blood/ NITRO COMPOUNDS, administration & dosage/ NITRO COMPOUNDS, therapeutic use/ OVARIAN

AUTHOR SECTION

- NEOPLASMS, complications/ *OVARIAN
NEOPLASMS, drug therapy/ REMISSION/
TERATOID TUMOR, drug therapy
1070. Dobryszcka W, Woźniak M, Gerber J, et al: Studies of cancer patients treated with acridine derivative (C-283). V. Lactate dehydrogenase of serum, leukocytes and erythrocytes.
Arch Immunol Ther Exp (Warsz) 22:251-60, 1974
ACRIDINES, administration & dosage/
*ACRIDINES, therapeutic use/ BLOOD
PROTEIN ELECTROPHORESIS/
*ERYTHROCYTES, enzymology/ FEMALE/
HUMAN/ INJECTIONS, INTRAPERITONEAL/
INJECTIONS, INTRAVENOUS/ ISOENZYMES,
analysis/ *LACTATE DEHYDROGENASE,
blood/ *LEUKOCYTES, enzymology/ OVARIAN
NEOPLASMS, drug therapy/ *OVARIAN
NEOPLASMS, enzymology
1071. Dobson H, Dean PD: Radioimmunoassay of oestrone, oestradiol-17alpha and -17beta in bovine plasma during the oestrous cycle and last stages of pregnancy. J Endocrinol 61:479-86, Jun 74
ANIMAL EXPERIMENTS/ ANTIBODIES/
CHROMATOGRAPHY/ *ESTRADIOL, blood/
*ESTRONE, blood/ *ESTRUS/ FEMALE/
LABOR/ PERIODICITY/ *PREGNANCY,
ANIMAL/ RADIOIMMUNOASSAY
1072. Dobyns BM, Shelton GE, Workman JB, et al: Malignant and benign neoplasms of the thyroid in patients treated for hyperthyroidism: a report of the cooperative thyrotoxicosis therapy follow-up study. J Clin Endocrinol Metab 38:976-98, Jun 74
*ADENOMA, complications/ FOLLOW-UP
STUDIES/ *GOITER, EXOPHTHALMIC,
complications/ HUMAN/ *HYPERTHYROIDISM,
complications/ HYPERTHYROIDISM, drug
therapy/ HYPERTHYROIDISM, radiotherapy/
HYPERTHYROIDISM, surgery/ IODINE
RADIOISOTOPES/ THYROID ANTAGONISTS,
therapeutic use/ *THYROID NEOPLASMS,
complications/ THYROIDECTOMY/ TIME
FACTORS
1073. Döhler KD, Wuttke W: Total blockade of phasic pituitary prolactin release in rats: effect on serum LH and progesterone during the estrous cycle and pregnancy. Endocrinology 94:1595-600, Jun 74
ANIMAL EXPERIMENTS/ BROMINE,
pharmacodynamics/ CIRCADIAN RHYTHM/
*ERGOT ALKALOIDS, pharmacodynamics/
*ESTRUS/ FEMALE/ *LH, blood/ PITUITARY
GLAND, drug effects/ PITUITARY GLAND,
secretion/ *PREGNANCY/ *PROGESTERONE,
blood/ PROLACTIN, antagonists & inhibitors/
*PROLACTIN, blood/ PROLACTIN, secretion/
RATS
1074. Doi A, Ogiwara T, Yamamoto T: [Examination and clinical application of T3 radioimmunoassay-Kit] Clin Endocrinol (Tokyo) 22:413-6, Mar 74 (Jap)
FEMALE/ HUMAN/ HYPERTHYROIDISM,
blood/ HYPOTHYROIDISM, blood/ MALE/
RADIOIMMUNOASSAY/ *TRIIODOTHYRONINE,
blood
1075. Dolgorukov MI, Repina AI: Kesarevo sechenie s odnovermennym udaleniem feokhromoblastomy. Vestn Khir 112:126, May 74 (Rus)
ADRENAL GLAND NEOPLASMS,
complications/ *ADRENAL GLAND
NEOPLASMS, surgery/ *CESAREAN SECTION/
FEMALE/ HUMAN/ PHEOCHROMOCYTOMA,
complications/ *PHEOCHROMOCYTOMA,
surgery/ *PREGNANCY COMPLICATIONS,
surgery
1076. Domiał T, Gajkowski K, Ligęzińska B: Badania wpływu kortykoidów na doświadczalne ognisko padaczkowe. Neurol Neurochir Pol 8:397-401, May-Jun 74 (Pol)
ADRENAL CORTEX HORMONES,
pharmacodynamics/ *ADRENAL CORTEX
HORMONES, therapeutic use/ ANIMAL
EXPERIMENTS/ CEREBRAL CORTEX, drug
effects/ CORTICOTROPIN, therapeutic use/
ELECTRODES, IMPLANTED/
ELECTROENCEPHALOGRAPHY/ ENGLISH
ABSTRACT/ EPILEPSY, chemically induced/
- *EPILEPSY, drug therapy/
HYDROCORTISONE, therapeutic use/
PENICILLIN/ TIME FACTORS
1077. Donahue WH: A karyotypic study of three species of Rajiformes (Chondrichthyes, Pisces). Can J Genet Cytol 16:203-11, Mar 74
ANIMAL EXPERIMENTS/ CHROMOSOMES/
COLCHICINE/ DIPLOIDY/ EPITHELIAL
CELLS, cytology/ FEMALE/ *FISHES/ GILLS,
cytology/ *KARYOTYPING/ MALE/ MITOSIS/
SEX CHROMOSOMES
1078. Donald I: New problems in sonar diagnosis in obstetrics and gynecology. Am J Obstet Gynecol 118:299-306, 1 Feb 74 (45 ref.)
ABNORMALITIES, etiology/ ABORTION,
THREATENED, diagnosis/ ANIMAL
EXPERIMENTS/ CEPHALOMETRY/
CESAREAN SECTION/ CHROMOSOME
ABERRATIONS/ FEMALE/ *FETAL
DISEASES, diagnosis/
HISTOCYTOCHEMISTRY/ HUMAN/ LIVER
NEOPLASMS, diagnosis/ MAXIMUM
PERMISSIBLE EXPOSURE LEVEL/
NEOPLASM METASTASIS/ PLACENTA,
enzymology/ POSTOPERATIVE
COMPLICATIONS, diagnosis/ *PREGNANCY
COMPLICATIONS, diagnosis/ PREGNANCY,
MULTIPLE/ PUERPERIUM/ RADIOISOTOPE
RENOGRAPHY/ REVIEW/ TWINS/
ULTRASONICS, adverse effects/
*ULTRASONICS, diagnostic use/ URINARY
TRACT INFECTIONS, diagnosis
1079. Donald IR, Kinch RA: The birth control movement and oral contraceptives in the college population. J Am Coll Health Assoc 22:375-83, Jun 74
*CONTRACEPTIVES, ORAL/
CONTRACEPTIVES, ORAL, adverse effects/
ESTROGENS/ EUROPE/ *FAMILY
PLANNING/ FAMILY PLANNING, history/
FEMALE/ HISTORICAL ARTICLE/ HUMAN/
PROGESTERONE/ UNITED STATES
1080. Donath A: Investigations du squelette à l'aide de radio-isotopes. Radiol Clin Biol 43:378-84, 1974 (Fre)
AGED/ *BONE AND BONES, metabolism/
*BONE DISEASES, diagnosis/ *CALCIUM,
metabolism/ CALCIUM RADIOISOTOPES/
ENGLISH ABSTRACT/ FEMALE/ FLUORINE/
GALLIUM/ HUMAN/ INTESTINAL
ABSORPTION/ MAGNESIUM, metabolism/
OSTEOPOROSIS, diagnosis/ OSTEOPOROSIS,
metabolism/ *RADIOISOTOPE SCANNING/
RADIOISOTOPES/ STRONTIUM
RADIOISOTOPES/ TECHNETIUM
1081. Donath A, Indermuhle F, Baud R: Minéralométrie osseuse, mesurée par l'absorption des photons d'une source d'¹²⁵I. Apport de la méthode évaluée sur la base de plus de 4000 déterminations. Radiol Clin Biol 43:393-400, 1974 (Fre)
ADOLESCENCE/ ADULT/ AGE FACTORS/
AGED/ *BONE AND BONES, analysis/
CALCIUM, DIETARY/ CHILD/ COMPARATIVE
STUDY/ ENGLISH ABSTRACT/ FEMALE/
FLUORIDATION/ HUMAN/ IODINE
RADIOISOTOPES/ MALE/ MIDDLE AGE/
RURAL HEALTH/ SEX FACTORS/
SPECTRUM ANALYSIS/ SWITZERLAND/
UNITED STATES
1082. Dondero F, Sciarrà F, Isidori A: Evaluation of relationship between plasma testosterone and human seminal acid phosphatase. Folia Endocrinol (Roma) 27:185-8, Apr 74
*ACID PHOSPHATASE, analysis/ ADULT/
ANDROGENS, secretion/ HUMAN/ MALE/
*SEMEN, enzymology/ *STERILITY, MALE,
physiopathology/ TESTIS, physiopathology/
*TESTOSTERONE, blood
1083. Done JT, Allen WM: Asymmetric hindquarter syndrome (AHQS) in pigs. Proc R Soc Med 67:350-3, May 74
ANIMAL EXPERIMENTS/ CASTRATION/
CELL DIFFERENTIATION/ FEMALE/
HEREDITARY DISEASES/ *HINDLIMB,

AUTHOR SECTION

- abnormalities/ HINDLIMB, anatomy & histology/ HINDLIMB, embryology/ HUMAN/ INJECTIONS, INTRAMUSCULAR, adverse effects/ LATERALITY/ MALE/ MUSCLE DENERVATION/ MUSCLES, analysis/ MUSCULAR ATROPHY, congenital/ MUSCULAR DISEASES, etiology/ SEX FACTORS/ SWINE/ *SWINE DISEASES, congenital/ SWINE DISEASES, diagnosis/ SWINE DISEASES, occurrence/ SYNDROME/ TESTIS, surgery
1084. Donovan BT, Peddie MJ: Proceedings: Adrenal function, oestrogen and the control of parturition in the guinea-pig. *N Engl J Med* 291:1117-1121, 11 Jun 74
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, pharmacodynamics/ *DEXAMETHASONE, pharmacodynamics/ *ESTRADIOL, pharmacodynamics/ FEMALE/ FETUS/ *LABOR, drug effects/ MALE/ PROGESTERONE, pharmacodynamics
1085. Donta ST: Differentiation between the steroidogenic effects of cholera enterotoxin and adrenocorticotropin through use of a mutant adrenal cell line. *J Infect Dis* 129:728-31, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADRENAL CORTEX HORMONES, biosynthesis/ *ADRENAL GLAND NEOPLASMS, metabolism/ ADRENAL GLAND NEOPLASMS, pathology/ ANIMAL EXPERIMENTS/ *CELL LINE/ *CHOLERA, metabolism/ CLONE CELLS, metabolism/ COMPARATIVE STUDY/ CORTICOTROPIN, metabolism/ *CORTICOTROPIN, pharmacodynamics/ DRUG SYNERGISM/ ENTEROTOXINS, metabolism/ *ENTEROTOXINS, pharmacodynamics/ ESCHERICHIA COLI, metabolism/ KETOSTEROIDS, biosynthesis/ MICE, INBRED STRAINS/ MICROSCOPY, PHASE CONTRAST/ MODELS, THEORETICAL/ MORPHOGENESIS, drug effects/ *MUTATION, drug effects/ NEOPLASMS, EXPERIMENTAL, metabolism/ NEOPLASMS, EXPERIMENTAL, pathology/ PITUITARY HORMONES, metabolism/ RECEPTORS, DRUG, drug effects/ THEOPHYLLINE, pharmacodynamics/ TISSUE CULTURE/ VIBRIO COMMA, metabolism
1086. Donta ST, Sack DA, Wallace RB, et al: Tissue-culture assay of antibodies to heat-labile *Escherichia coli* enterotoxins. *Lancet* 1:117-21, 29 Jun 74
ADRENAL GLAND NEOPLASMS/ AGE FACTORS/ ANIMAL EXPERIMENTS/ *ANTITOXINS, analysis/ BIOLOGICAL ASSAY/ CELLS, CULTURED/ CHOLERA, immunology/ COMPARATIVE STUDY/ CROSS REACTIONS/ *ENTEROTOXINS/ *ESCHERICHIA COLI/ ESCHERICHIA COLI INFECTIONS, immunology/ FEMALE/ HEAT/ HUMAN/ ILEUM/ MALE/ METHODS/ MICROSCOPY, PHASE CONTRAST/ RABBITS, immunology/ SOCIOECONOMIC FACTORS
1087. Doorenbos NJ, Kim JC: Synthesis and evaluation of antimicrobial properties of amidinozaandrostanes and guanidinozaandrostanes. *J Pharm Sci* 63:620-2, Apr 74
AMIDINES, chem synthesis/ AMIDINES, pharmacodynamics/ *ANDROSTANES, chem synthesis/ ANDROSTANES, pharmacodynamics/ *AZA COMPOUNDS, chem synthesis/ AZA COMPOUNDS, pharmacodynamics/ BACTERIA, drug effects/ GUANIDINES, chem synthesis/ GUANIDINES, pharmacodynamics/ MICROBIAL SENSITIVITY TESTS/ *SACCHAROMYCES CEREVISIAE, drug effects
1088. Dorfman RI: Hormonal contraception. *Life Sci* 14:827-35, 1 Mar 74 (23 ref.)
COMPARATIVE STUDY/ *CONTRACEPTIVE AGENTS, administration & dosage/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, POSTCOITAL, administration & dosage/ EVALUATION STUDIES/ FEMALE/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ LH-FSH RELEASING HORMONE/ MEDROXYPROGESTERONE/ MENSTRUATION/ NORETHINDRONE/ NORETHYNODREL/ OVULATION/ PREGNANCY/ REVIEW/ STERILITY, FEMALE/ TIME FACTORS
1089. Doria G, Gandolfi C: Prostaglandins V: (plus or minus) 10 beta-hydroxyprostaglandins. *Farmaco [Sci]* 29:327-30, Apr 74
*PROSTAGLANDINS, chem synthesis
1090. Döring G, Berg S: Der Nachweis von Vergiftungen durch bromhaltige Schlafmittel bei Skelefunden. *Z Rechtsmed* 74:69-74, 29 Mar 74 (Ger)
ADOLESCENCE/ ADULT/ *BONE AND BONES, analysis/ *BROMIDES, analysis/ CARBROMAL, analysis/ CARBROMAL, poisoning/ DIPHENHYDRAMINE, analysis/ DIPHENHYDRAMINE, poisoning/ ENGLISH ABSTRACT/ FEMALE/ FORENSIC MEDICINE/ GERMANY, WEST/ HUMAN/ *HYDROCARBONS, BROMINATED, analysis/ HYDROCARBONS, BROMINATED, poisoning/ *HYPNOTICS AND SEDATIVES, analysis/ HYPNOTICS AND SEDATIVES, poisoning/ MALE/ METHODS/ *POISONING, diagnosis/ SKIN, analysis/ SUICIDE
1091. Dorp S, Olgaard A, Brix E, et al: Washout urography. Its value in the diagnosis of renovascular hypertension. *Scand J Urol Nephrol* 8:132-7, 1974
AORTOGRAPHY/ ARTERIOSCLEROSIS, complications/ COMPARATIVE STUDY/ CUSHING'S SYNDROME, complications/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYPERALDOSTERONISM, complications/ HYPERPLASIA, complications/ HYPERTENSION, RENAL, complications/ *HYPERTENSION, RENAL, radiography/ MALE/ METHODS/ NEPHRECTOMY/ PYELONEPHRITIS, complications/ RADIOISOTOPE RENOGRAPHY/ RENAL ARTERY OBSTRUCTION, surgery/ TIME FACTORS/ *UROGRAPHY
1092. Doss M: Effect of protoporphyrin on porphyrin formation in avian hepatocytes. *Enzyme* 16:231-6, 1973
CELLS, CULTURED/ CHICK EMBRYO/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ GLUTETHIMIDE, pharmacodynamics/ LEVULINIC ACID, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ *PORPHYRINS, biosynthesis/ PORPHYRINS, pharmacodynamics/ PREGNENEDIONES, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ SPECTROPHOTOMETRY/ TIME FACTORS
1093. Douglas WW: How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. *Prog Brain Res* 39:21-39, 1973 (80 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADENYL CYCLASE, physiology/ CELL MEMBRANE/ *CELLS, secretion/ CHROMAFFIN SYSTEM, cytology/ EXOCYTOSIS/ HORMONES, physiology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, innervation/ MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ *NEURONS, secretion/ NEUROSECRETORY SYSTEMS, physiology/ *PEPTIDES, secretion/ PINOCYTOSIS/ REVIEW/ *SYNAPTIC VESICLES, physiology
1094. Downey BR: Control of the estrous cycle with prostaglandins. *Vet Med Small Anim Clin* 69:880 passim, Jul 74 (49 ref.)
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, drug effects/ ESTRADIOL, blood/ *ESTRUS, drug effects/ FEMALE/ FERTILIZATION/ FSH, blood/ INJECTIONS/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ LH, blood/ OVULATION, drug effects/ PROGESTERONE, blood/ PROSTAGLANDINS, administration & dosage/ PROSTAGLANDINS, adverse effects/

AUTHOR SECTION

- PROSTAGLANDINS, analysis/
PROSTAGLANDINS, blood/
PROSTAGLANDINS, chem synthesis/
*PROSTAGLANDINS, pharmacodynamics/
REVIEW/ SHEEP/ UTERUS, drug effects
1095. Downs MP: Relationship of pathology to function in congenital hearing loss. II. The auditory function in congenital hearing loss.
Audiology 11:330-8, Sep-Dec 72
AUDIOMETRY/ CHROMOSOMES, HUMAN, 13-15/ CHROMOSOMES, HUMAN, 16-18/
DEAF-MUTISM, physiopathology/ DEAFNESS, congenital/ DEAFNESS, pathology/
*DEAFNESS, physiopathology/ FEMALE/
GOITER, complications/ HEARING TESTS/
HUMAN/ IODINE, metabolism/ MALE/
MANDIBULOFACIAL DYSOSTOSIS, complications/ RUBELLA, complications/
RUBELLA, congenital/ TRISOMY/
WAARDENBURG'S SYNDROME, complications
1096. Doyon D, Metzger J: Malformations vasculaires dure-mériennes sus-tentorielles.
Acta Radiol [Diagn] (Stockh) 13:792-800, 1972 (Fre)
*BRAIN NEOPLASMS, radiography/ CAROTID ARTERY, EXTERNAL, radiography/ CAROTID ARTERY, INTERNAL, radiography/
CEREBRAL ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, radiography/ CRANIAL FOSSA, POSTERIOR, radiography/ ENGLISH ABSTRACT/ EXOPHTHALMOS/ FEMALE/
HUMAN/ LATERALITY/ MALE/ MENINGEAL ARTERIES, radiography/ *MENINGIOMA, radiography/ OPHTHALMIC ARTERY, radiography
1097. Dráň P: Teratologische Aspekte der Frühabortion und deren mögliche Prevention.
Acta Univ Carol [Med Monogr] (Praha) 56:59-61, 1973 (Ger)
*ABORTION/ ABORTION, etiology/
ABORTION, prevention & control/
ABORTION, HABITUAL, prevention & control/ ABORTION, MISSED, prevention & control/ CHROMOSOME ABERRATIONS/ CORPUS LUTEUM/ CORPUS LUTEUM HORMONES, secretion/ FEMALE/
GESTATIONAL AGE/ GONADOTROPINS/
HUMAN/ NIDATION/ PARITY/ PREGNANCY/ STERILITY, FEMALE, complications/ TIME FACTORS
1098. Drazen JM, Austen KF: Effects of intravenous administration of slow-reacting substance of anaphylaxis, histamine, bradykinin, and prostaglandin F2alpha on pulmonary mechanics in the guinea pig.
J Clin Invest 53:1679-85, Jun 74
AIRWAY RESISTANCE, drug effects/
ANIMAL EXPERIMENTS/ *BRADYKININ, administration & dosage/ BRADYKININ, pharmacodynamics/ COMPARATIVE STUDY/
DOSE-RESPONSE RELATIONSHIP, DRUG/
GUINEA PIGS/ *HISTAMINE, administration & dosage/ HISTAMINE, pharmacodynamics/
INFUSIONS, PARENTERAL/ *LUNG, drug effects/ LUNG COMPLIANCE, drug effects/
MALE/ *PROSTAGLANDINS, administration & dosage/ PROSTAGLANDINS, pharmacodynamics/ RESPIRATION, drug effects/ *SRS-A, administration & dosage/
SRS-A, pharmacodynamics/ TIME FACTORS
1099. Dresner ML: Torsed appendage. Diagnosis and management: blue dot sign. Urology 1:63-6, Jan 73
ABSCISS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ EPIDIDYMITIS, diagnosis/
HUMAN/ INGUINAL HERNIA, diagnosis/
MALE/ MUMPS, complications/ ORCHITIS, diagnosis/ ORCHITIS, etiology/ SCROTUM, injuries/ *SPERMATIC CORD TORSION, diagnosis/ SPERMATIC CORD TORSION, surgery/ TESTICULAR DISEASES, diagnosis/
TESTICULAR NEOPLASMS, diagnosis
1100. Dreux C, Bousquet B, Halter D: Dépistage et exploration biochimique des tumeurs carcinoides.
Nouv Presse Med 3:671-6, 16 Mar 74 (Fre)
CARCINOID TUMOR, complications/
*CARCINOID TUMOR, diagnosis/ CARCINOID TUMOR, etiology/ CARCINOID TUMOR, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ DIARRHEA, etiology/ HEART DISEASES, etiology/ HUMAN/
*HYDROXYINDOLEACETIC ACID, urine/
*HYDROXYTRYPTOPHAN, analysis/
*SEROTONIN, blood/ SEROTONIN, urine/
SKIN DISEASES, etiology/ VASOMOTOR SYSTEM, physiopathology
1101. Drew AL: Letter: Possible teratogenic effect of clomifene. Dev Med Child Neurol 16:276, Apr 74
*ABNORMALITIES, DRUG-INDUCED/
*CLOMIPHENE, adverse effects/ HUMAN/
*TUBEROUS SCLEROSIS, chemically induced
1102. Dreyer C, Blachoff D, Göthert M: Effects of methoxyflurane anesthesia on adrenal medullary catecholamine secretion: inhibition of spontaneous secretion and secretion evoked by splanchnic-nerve stimulation. Anesthesiology 41:18-28, Jul 74
ACID-BASE EQUILIBRIUM/ ADRENAL MEDULLA, drug effects/ *ADRENAL MEDULLA, secretion/ *ANESTHESIA, INHALATION/ ANIMAL EXPERIMENTS/
BLOOD PRESSURE, drug effects/
CATECHOLAMINES, blood/
*CATECHOLAMINES, secretion/
COMPARATIVE STUDY/ ELECTRIC STIMULATION/ EPINEPHRINE, secretion/
HALOTHANE, pharmacodynamics/
HEMODYNAMICS, drug effects/
*METHOXYFLURANE, pharmacodynamics/
NOREPINEPHRINE, secretion/ OXYGEN, blood/ PHENOBARBITAL/ *SPLANCHNIC NERVES, physiology
1103. Drickamer LC: Sexual maturation of female house mice: social inhibition.
Dev Psychobiol 7:257-65, May 74
AGING/ ANIMAL EXPERIMENTS/ ANIMALS, LABORATORY/ BODY WEIGHT/
*ENVIRONMENT/ *ESTRUS/ FEMALE/
GROWTH/ MALE/ *PHEROMONES, physiology/ *SEX BEHAVIOR, ANIMAL/ SEX FACTORS/ *SOCIAL BEHAVIOR/ SPATIAL BEHAVIOR/ TOUCH
1104. Drill VA, Martin DP, Hart ER, et al: Effect of oral contraceptives on the mammary glands of Rhesus monkeys: a preliminary report.
J Natl Cancer Inst 52:1655-7, May 74
ANIMAL EXPERIMENTS/ CONTRACEPTIVES, ORAL, administration & dosage/
*CONTRACEPTIVES, ORAL, adverse effects/
FEMALE/ MACACA/ *MAMMAE, drug effects/
*MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MONKEYS
1105. Drings P, Sonnemann E: Der Einfluss von Prednisolon auf die PHA-induzierte Eukromatisierung in menschlichen Lymphocyten.
Verh Dtsch Ges Inn Med 79:609-13, 1973 (Ger)
HUMAN/ *LYMPHOCYTES, drug effects/
LYMPHOCYTES, metabolism/ NUCLEIC ACIDS, biosynthesis/ *PLANT AGGLUTININS/
*PREDNISOLONE, pharmacodynamics
1106. Driskell JA, Foshee DP: Behavioral patterns and brain nucleic acid and pyridoxal phosphate contents of male rat progeny from vitamin B-6-repleted dams.
J Nutr 104:810-8, Jul 74
ANIMAL EXPERIMENTS/ AUDITORY PERCEPTION/ BEHAVIOR, ANIMAL/ *BRAIN, metabolism/ DNA, metabolism/
EXPLORATORY BEHAVIOR/ FEMALE/
GESTATIONAL AGE/ MALE/
MATERNAL-FETAL EXCHANGE/ NERVE TISSUE PROTEINS, metabolism/ *NUCLEIC ACIDS, metabolism/ PLACENTA DISORDERS/
*PREGNANCY COMPLICATIONS/
*PYRIDOXAL PHOSPHATE, metabolism/
PYRIDOXINE, administration & dosage/
PYRIDOXINE, pharmacodynamics/
PYRIDOXINE, therapeutic use/ PYRIDOXINE DEFICIENCY, drug therapy/ *PYRIDOXINE DEFICIENCY, metabolism/ RNA, metabolism/
TIME FACTORS
1107. Drozdovskaya LN: The effect of boron on the nucleolus,

AUTHOR SECTION

- chromocenter, and chromosomes of *Drosophila melanogaster* salivary gland cells.
Sov Genet 7:1441-5, 1 Feb 74
ANIMAL EXPERIMENTS/ *BORON, pharmacodynamics/ *CELL NUCLEOLUS, drug effects/ *CHROMOSOMES, drug effects/ DNA, biosynthesis/ *DROSOPHILA MELANOGASTER, cytology/ FEMALE/ MALE/ NUCLEOPROTEINS, biosynthesis/ RNA, biosynthesis/ SALIVARY GLANDS, cytology/ *SALIVARY GLANDS, drug effects/ *SEX CHROMATIN, drug effects
1108. Dty RL, Dunbar I: Color, odor, consistency, and secretion rate of anal sac secretions from male, female, and early-androgenized female Beagles.
Am J Vet Res 35:729-31, May 74
*ANAL SACS, secretion/ *ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CASTRATION/ COLOR/ *DOGS, physiology/ FEMALE/ HYSTERECTOMY/ INJECTIONS/ MALE/ MATERNAL-FETAL EXCHANGE/ ODORS/ PREGNANCY/ SECRETORY RATE/ SEX FACTORS/ TESTOSTERONE, administration & dosage/ TESTOSTERONE, pharmacodynamics/ UTERUS
1109. Dubiel-Bigaj M, Piasecki Z: Tzw. adenocarcinoma appendicis testis. Patol Pol 25:159-62, Jan-Mar 74 (Pol)
*ADENOCARCINOMA, pathology/ ADENOCARCINOMA, surgery/ ADULT/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ *TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, surgery
1110. Dubois-Ferrière G, Hunziker N, Orusco M: Le Synacthène-retard en thérapeutique dermatologique. Dermatologica 148:65-71, 1974 (Fre)
ACUTE DISEASE/ CHRONIC DISEASE/ CORTICOTROPIN, adverse effects/ *CORTICOTROPIN, therapeutic use/ DERMATITIS HERPETIFORMIS, drug therapy/ DERMATITIS MEDICAMENTOSA, drug therapy/ DERMATITIS MEDICAMENTOSA, etiology/ ECZEMA, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ LICHEN PLANUS, drug therapy/ *SKIN DISEASES, drug therapy/ URTICARIA, drug therapy/ URTICARIA, etiology/ ZINC, adverse effects/ ZINC, therapeutic use
1111. Dubrov IaG, Onoprienko GA, Shternberg AA: Stabil'nyy osteosintez i pervichnoe srashchenie kostei. Ortop Travmatol Protez 34:1-8, Dec 73 (Rus)
BONE AND BONES, blood supply/ *BONE REGENERATION/ CAPILLARIES, physiopathology/ ENGLISH ABSTRACT/ *FRACTURE FIXATION, INTRAMEDULLARY/ FRACTURES, physiopathology/ FRACTURES, rehabilitation/ HUMAN/ MICROCIRCULATION
1112. Duchková H, Richter J, Doubravová E: Příspěvek k diagnostice a léčbě psoriasis unguum et arthropatica. Cesk Dermatol 49:167-71, Jun 74 (Cse)
*ARTHRITIS, diagnosis/ ARTHRITIS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ *NAILS/ *PSORIASIS, diagnosis/ PSORIASIS, drug therapy/ TRIAMCINOLONE ACETONIDE, administration & dosage/ TRIAMCINOLONE ACETONIDE, therapeutic use
1113. Dudick ME, Wright TR, Brothers LL: The developmental genetics of the temperature sensitive lethal allele of the suppressor of forked, 1(1)su(f)ts67g, in *Drosophila melanogaster*. Genetics 76:487-510, Mar 74
*ALLELES/ ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ CROSSES, GENETIC/ *DROSOPHILA MELANOGASTER/ DROSOPHILA MELANOGASTER, growth & development/ FEMALE/ *GENES, LETHAL/ GENES, RECESSIVE/ *GENES, SUPPRESSOR/ HETEROZYGOSE/ HOMOZYGOSE/ LARVA/ MALE/ MUTATION/ PHENOTYPE/ RIBOSOMES/ SEX CHROMOSOMES/ STERILITY, FEMALE/ TEMPERATURE/ TRANSLATION, GENETIC
1114. Dufau ML, Ryan D, Catt KJ: Disulphide groups of gonadotropin receptors are essential for specific binding of human chorionic gonadotropin. Biochim Biophys Acta 343:417-22, 22 Apr 74
ANIMAL EXPERIMENTS/ BINDING SITES/ CENTRIFUGATION, DENSITY GRADIENT/ CYSTEINE, pharmacodynamics/ DISULFIDES, analysis/ DITHIOTHREITOL, pharmacodynamics/ ETHYLMALAIMIDE, pharmacodynamics/ FEMALE/ *GONADOTROPINS, CHORIONIC, metabolism/ HUMAN/ IODINE RADIOISOTOPES/ MALE/ METHYLENE BLUE, pharmacodynamics/ OXYGEN, pharmacodynamics/ PROTEIN BINDING/ *RECEPTORS, HORMONE, drug effects/ TESTIS, metabolism
1115. Duflo B, Durigon M, Guerre J, et al: Péricardite hémorragique récidivante révélatrice d'un adénocarcinome probablement ovarien. Survie de quatre ans après péricardectomie. Sem Hop Paris 49:3459-62, 14 Dec 73 (Fre)
*ADENOCARCINOMA, complications/ ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, pathology/ ADRENAL CORTX HORMONES, therapeutic use/ AUTOPSY/ BIOPSY/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *HEART NEOPLASMS, complications/ HEART NEOPLASMS, drug therapy/ *HEMORRHAGE/ HUMAN/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS, complications/ PERICARDIAL EFFUSION, etiology/ *PERICARDITIS, etiology/ PERICARDIUM, surgery/ PUNCTURES/ RECURRENCE
1116. Dugan RE, Ness GC, Lakshmanan MR, et al: Regulation of hepatic beta-hydroxy-beta-methylglutaryl coenzyme A reductase by the interplay of hormones. Arch Biochem Biophys 161:499-504, 2 Apr 74
*ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ COMPARATIVE STUDY/ DIABETES MELLITUS, chemically induced/ DIABETES MELLITUS, metabolism/ DRUG SYNERGISM/ *GLUCAGON, pharmacodynamics/ GLUTARATES/ *HYDROCORTISONE, pharmacodynamics/ HYPOPHYSECTOMY/ *INSULIN, pharmacodynamics/ MALE/ MEVALONIC ACID/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ PITUITARY GLAND, physiology/ STREPTOZOTOCIN/ TIME FACTORS/ *TRIIODOTHYRONINE, pharmacodynamics
1117. Duke RF: Letter: Encroachments on the patient's responsibility. Br Med J 2:557, 8 Jun 74
CONTRACEPTIVES, ORAL/ *ETHICS, MEDICAL/ FEMALE/ HUMAN/ *INFORMED CONSENT/ *PHYSICIAN-PATIENT RELATIONS/ RADIOLOGY/ SURGERY, OPERATIVE
1118. Dukes M, Chester R, Atkinson F: Effects of oestradiol and prostaglandin F2alpha on the timing of parturition in the rat. J Reprod Fertil 38:325-34, Jun 74
ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ CHLOROENZENES, pharmacodynamics/ CORPUS LUTEUM, physiology/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GESTATIONAL AGE/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ *LABOR, drug effects/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ THIAZOLES, pharmacodynamics/ TIME FACTORS/ VAGINAL SMEARS
1119. Düllmann J, Wulffhekel U, Drescher S, et al: Die Haarzellenhämoblastose ("hairy cell leukemia"). Klinische, licht- und elektronenmikroskopische Befunde. Dtsch Med Wochenschr 99:859-63, 26 Apr 74 (Ger)
AGRANULOCYTOSIS, etiology/ ANEMIA, APLASTIC, etiology/ ANEMIA, PERNICIOUS, etiology/ ANTIBODY FORMATION/ BLOOD PLATELETS/ CYCLOPHOSPHAMIDE, therapeutic use/ ENGLISH ABSTRACT/

AUTHOR SECTION

- FEMALE/ HEMATOCRIT/ HEPATOMEGALY, etiology/ HUMAN/ IMMUNOGLOBULINS/ LEUKEMIA, blood/ LEUKEMIA, complications/ *LEUKEMIA, diagnosis/ LEUKEMIA, drug therapy/ LEUKEMIA, immunology/ LEUKEMIA, pathology/ LEUKOCYTE COUNT/ MALE/ *NOMENCLATURE/ PREDNISONE, therapeutic use/ PROCARBAZINE, therapeutic use/ SPLENOMEGALY, etiology/ VINCRISTINE, therapeutic use
1120. Dumermuth G, Kovacs E: Die Wirkung von Clonazepam in der peroralen Langzeittherapie schwerer Epilepsieformen des Kindesalters. Schweiz Med Wochenschr 104:608-17, 27 Apr 74 (Ger)
ADMINISTRATION, ORAL/ ADOLESCENCE/ ANTICONVULSANTS, administration & dosage/ ANTICONVULSANTS, adverse effects/ ANTICONVULSANTS, pharmacodynamics/ *ANTICONVULSANTS, therapeutic use/ BENZODIAZEPINONES, administration & dosage/ BENZODIAZEPINONES, adverse effects/ BENZODIAZEPINONES, pharmacodynamics/ *BENZODIAZEPINONES, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CHLOROBENZENES, administration & dosage/ CHLOROBENZENES, adverse effects/ CHLOROBENZENES, pharmacodynamics/ CHLOROBENZENES, therapeutic use/ CORTICOTROPIN, therapeutic use/ DRUG THERAPY, COMBINATION/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ *EPILEPSY, drug therapy/ EPILEPSY, physiopathology/ EPILEPSY, GRAND MAL, drug therapy/ EPILEPSY, PETIT MAL, drug therapy/ HUMAN/ HYDROCORTISONE, therapeutic use/ INFANT/ JACKSONIAN SEIZURE, drug therapy/ NITRO COMPOUNDS, administration & dosage/ NITRO COMPOUNDS, adverse effects/ NITRO COMPOUNDS, pharmacodynamics/ NITRO COMPOUNDS, therapeutic use
1121. Dumont M, Erlinger S: Influence of hydrocortisone on bile formation in the rat. Biol Gastroenterol (Paris) 6:197-203, 1973
ANIMAL EXPERIMENTS/ *BILE, secretion/ BILE ACIDS AND SALTS, metabolism/ ERYTHRITOL/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, pharmacodynamics/ *LIVER, drug effects/ LIVER, metabolism/ METABOLIC CLEARANCE RATE/ SUCROSE
1122. Dumoulin J, Clausen I, Bisschop G de: L'électromyographie des affections myogènes. Electrodiagn Ther 10:117-32, 1973 (Fre)
ALCOHOLISM, diagnosis/ CENTRAL NERVOUS SYSTEM DISEASES, diagnosis/ COLLAGEN DISEASES, diagnosis/ DIABETIC NEUROPATHIES, diagnosis/ ELECTRIC STIMULATION/ *ELECTROMYOGRAPHY/ ENDOCRINE DISEASES, diagnosis/ HUMAN/ MUSCULAR ATROPHY, diagnosis/ MUSCULAR DISEASES, classification/ *MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, familial & genetic/ MUSCULAR DYSTROPHY, diagnosis/ MYOSITIS, diagnosis/ MYOTONIA, etiology/ NEOPLASMS, diagnosis/ NEURAL CONDUCTION/ PARALYSIS, diagnosis/ SHOULDER/ THYROID DISEASES, diagnosis/ TIME FACTORS
1123. Dunbar RI, Dunbar F: The reproductive cycle of the gelada baboon. Anim Behav 22:203-10, Feb 74
AGE FACTORS/ ANIMAL EXPERIMENTS/ *BABOONS, physiology/ COMPARATIVE STUDY/ CUES/ ESTRUS/ ETHIOPIA/ FEMALE/ GROOMING/ LACTATION/ MALE/ PIGMENTATION/ *REPRODUCTION/ SEX BEHAVIOR, ANIMAL/ SPECIES SPECIFICITY
1124. Duncan RJ, Sourkes TL: Some enzymic aspects of the production of oxidized or reduced metabolites of catecholamines and 5-hydroxytryptamine by brain tissues. J Neurochem 22:663-9, May 74
*ALCOHOL OXIDOREDUCTASES, metabolism/
- *ALDEHYDE OXIDOREDUCTASES, metabolism/ ALDEHYDES/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ *CATECHOLAMINES, metabolism/ CAUDATE NUCLEUS, enzymology/ CEREBRAL CORTEX, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPARATIVE STUDY/ DOPAMINE, metabolism/ DRUG STABILITY/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIVER, enzymology/ NOREPINEPHRINE, metabolism/ ORGAN SPECIFICITY/ *SEROTONIN, metabolism/ SOLUBILITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE
1125. Dunn JD: Pituitary-adrenal function in adult androgenized female rats. Proc Soc Exp Biol Med 146:75-7, May 74
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CIRCADIAN RHYTHM/ *CORTICOSTERONE, blood/ CORTICOSTERONE, metabolism/ CORTICOTROPIN, blood/ DEXAMETHASONE, diagnostic use/ FEMALE/ *GONADOTROPINS, PITUITARY, secretion/ *PITUITARY-ADRENAL SYSTEM/ RATS/ STRESS/ *TESTOSTERONE, pharmacodynamics
1126. Dunn JD, Lin F: Daily fluctuations in adrenal catecholamine concentration. Experientia 30:348-9, 15 Apr 74
*ADRENAL GLANDS, analysis/ ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ *CIRCADIAN RHYTHM/ *EPINEPHRINE, analysis/ EPINEPHRINE, metabolism/ FLUOROMETRY/ MALE/ *NOREPINEPHRINE, analysis/ NOREPINEPHRINE, metabolism
1127. Dupont C: Letter: Skin tumors with immunosuppressive therapy. Arch Dermatol 109:912, Jun 74
AZATHIOPRINE, adverse effects/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ KIDNEY, transplantation/ PREDNISOLONE, administration & dosage/ *SKIN NEOPLASMS, chemically induced/ TRANSPLANTATION, HOMOLOGOUS
1128. Durán S, Marañón A, Romero E: Influencia de los corticosteroides en la secreción de insulina y hormona de crecimiento. Rev Clin Esp 132:41-6, 15 Jan 74 (Spa)
BLOOD SUGAR, analysis/ COMPARATIVE STUDY/ CUSHING'S SYNDROME, drug therapy/ *CUSHING'S SYNDROME, physiopathology/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ *GLUCOCORTICOIDES, therapeutic use/ HUMAN/ INSULIN, blood/ *INSULIN, secretion/ ISLANDS OF LANGERHANS, secretion/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion/ TRIGLYCERIDES, blood
1129. Durando C: La pubertà. Minerva Ginecol 26:82-5, Feb 74 (Ita)
FEMALE/ GROWTH/ HUMAN/ OVARY, physiology/ PERSONALITY DEVELOPMENT/ *PUBERTY/ PUBERTY, PRECOCIOUS/ UTERUS, physiology
1130. Durdević J, Berić B: Usporedne vrednosti različitih imunoloških testova u dijagnozi graviditeta. Med Pregl 26:269-72, 1973 (Ser)
CLIMACTERIC/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ *PREGNANCY TESTS, IMMUNOLOGIC, standards/ PUBERTY
1131. During R: Beitrag zu den primären retroperitonealen Tumoren. Z Aertzt Fortbild (Jena) 67:1187-92, 1 Dec 73 (Ger)
CHOLECYSTECTOMY/ CHOLECYSTITIS, complications/ CHOLECYSTITIS, surgery/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ LAPAROTOMY/ LIPOSARCOMA, diagnosis/ LIPOSARCOMA, pathology/ LIPOSARCOMA, surgery/ MENSTRUATION

AUTHOR SECTION

- DISORDERS, etiology/ OVARIAN
NEOPLASMS, diagnosis/ PALPATION/
RETROPERITONEAL NEOPLASMS,
complications/ *RETROPERITONEAL
NEOPLASMS, diagnosis/ RETROPERITONEAL
NEOPLASMS, pathology/ RETROPERITONEAL
NEOPLASMS, surgery
1132. Durliat M, Vendrely C: Etude autoradiographique de l'action des androgènes sur la synthèse de L'ARN dans les tissus du tractus génital mâle de la souris. C R Acad Sci [D] (Paris) 276:789-92, 29 Jan 73 (Fre)
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ CASTRATION/
CYTIDINE/ EPIDIDYMI, drug effects/
*GENITALIA, MALE, drug effects/ IN
VITRO/ MALE/ PROPIONATES/ PROSTATE,
drug effects/ *RNA, biosynthesis/ SEMINAL
VESICLES, drug effects/ *TESTOSTERONE,
pharmacodynamics/ TRANSCRIPTION,
GENETIC, drug effects/ TRITIUM/ VAS
DEFERENS, drug effects
1133. Dürr HK, Gerdes H, Joseph K: T4-Bestimmung mit Hilfe des "Oxford T4-Säulentests" und der Murphy-Pattee-Methode. Ein methodischer Vergleich. Verh Dtsch Ges Inn Med 79:1227-9, 1973 (Ger)
COMPARATIVE STUDY/ HUMAN/ METHODS/
*THYROXINE, analysis
1134. Dussault JH: Evaluation de l'E.T.R. comme épreuve de la fonction thyroïdienne: comparaison avec la thyroxine totale et libre. Union Med Can 102:1846-7, Sep 73 (Fre)
COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ HUMAN/ HYPERTHYROIDISM,
blood/ HYPOTHYROIDISM, blood/
RADIOIMMUNOASSAY/ *THYROID DISEASES,
blood/ *THYROID GLAND FUNCTION TESTS/
*THYROXINE, blood
1135. Dussault JH, Laberge C: Dosage de la thyroxine (T4) par méthode radio-immunologique dans l'éluat de sang séché: nouvelle méthode de dépistage de l'hypothyroïdie néonatale. Union Med Can 102:2062-4, Oct 73 (Fre)
ANALYSIS OF VARIANCE/ COMPARATIVE
STUDY/ ENGLISH ABSTRACT/ HUMAN/
HYPERTHYROIDISM, blood/
HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, diagnosis/ IN VITRO/
INFANT, NEWBORN, DISEASES, diagnosis/
METHODS/ RADIOIMMUNOASSAY/
*THYROXINE, blood/ TIME FACTORS
1136. Dustan HR, Tarazi RC, Bravo EL: Diuretic and diet treatment of hypertension. Arch Intern Med 133:1007-13, Jun 74
BLOOD VOLUME, drug effects/
CHLORTHALIDONE, therapeutic use/
CREATININE, urine/ *DIET, SALT-FREE/
DIURETICS, adverse effects/ DIURETICS,
classification/ DIURETICS, pharmacodynamics/
*DIURETICS, therapeutic use/ DIURETICS,
THIAZIDE, classification/ DIURETICS,
THIAZIDE, therapeutic use/ ETHACRYNIC
ACID, therapeutic use/ FUROSEMIDE,
therapeutic use/ GLOMERULAR FILTRATION
RATE/ HEMODYNAMICS, drug effects/
HUMAN/ HYPERCALCEMIA, chemically
induced/ HYPERTENSION, drug therapy/
*HYPERTENSION, therapy/ HYPOKALEMIA,
chemically induced/ NATRIURESIS, drug
effects/ POTASSIUM, urine/ URIC ACID,
blood/ WATER-ELECTROLYTE BALANCE
1137. Dutt MK: Selective staining of cell nuclei with haematoxylin containing transitional metal cations. Experientia 30:670-1, 15 Jun 74
ANIMAL EXPERIMENTS/ *CELL NUCLEUS,
metabolism/ FEMALE/ *IONS/ KIDNEY/
LIVER/ MALE/ *METALS/ MYOCARDIUM/
*NUCLEIC ACIDS, metabolism/ OVARY/
SPLEEN/ *STAINS AND STAINING/ TESTIS
1138. Dvořák M: Effects of corticotrophin, starvation and glucose on ascorbic acid levels in the blood plasma and liver of piglets. Nutr Metab 16:215-22, 1974
AGE FACTORS/ AMINO ACIDS,
pharmacodynamics/ ANIMAL EXPERIMENTS/
ANIMAL NUTRITION/ ANIMALS, NEWBORN/
ASCORBIC ACID, biosynthesis/ ASCORBIC
ACID, blood/ ASCORBIC ACID, metabolism/
BODY WEIGHT/ CORTICOTROPIN, adverse
effects/ *CORTICOTROPIN, pharmacodynamics/
GLUCONEOGENESIS/ *GLUCOSE,
pharmacodynamics/ GLUCOSE, physiology/
LIVER, anatomy & histology/ LIVER, drug
effects/ *LIVER, metabolism/ ORGAN
WEIGHT/ *STARVATION, metabolism/
*SWINE, metabolism/ THIRST/ TIME
FACTORS
1139. Dvořák M, Herzog I, Raszky J: Všeobecná adaptace selat na změnu prestartérů s odlišným obsahem dusíkatých látek při odstavení. Vet Med (Praha) 19:197-204, Apr 74 (Cze)
*ADAPTATION, PHYSIOLOGICAL/ ADRENAL
GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ *ANIMAL FEED/ ANIMALS,
NEWBORN/ ENGLISH ABSTRACT/
17-HYDROXYCORTICOSTEROIDS, biosynthesis/
LYSINE, metabolism/ METHIONINE,
metabolism/ *NITROGEN, metabolism/ SWINE,
metabolism/ *WEANING
1140. Dvuzhil'naya ED, Polous IuM: Uglevodnaya tolerantnost' u bol'nykh lazvennoi bolezni zheludka i dvenadtsatiperstnoi kishki. Klin Khir 4:72-4, Apr 74 (Rus)
ADOLESCENCE/ ADULT/ AGED/
*CARBOHYDRATES, metabolism/ DUMPING
SYNDROME, metabolism/ DUODENAL ULCER,
metabolism/ FEMALE/ GLUCOCORTICOIDES,
diagnostic use/ GLUCOSE TOLERANCE TEST/
HUMAN/ MALE/ MIDDLE AGE/ *PANCREAS,
physiopathology/ *PEPTIC ULCER,
metabolism/ STOMACH ULCER, metabolism
1141. Dybek M: Trudności rozpoznawcze choroby Bessnera-Boeckha i Schaumanna. Wlad Lek 27:151-2, 15 Jan 74 (Pol)
DIAGNOSIS, DIFFERENTIAL/ ENGLISH
ABSTRACT/ HUMAN/ LUNG DISEASES/
MALE/ PREDNISONE, therapeutic use/
*SARCIDOSIS, diagnosis/ SARCIDOSIS, drug
therapy/ TUBERCULOSIS, PULMONARY,
diagnosis
1142. Dyk T, Wójcicki M: Przypadek immunotrombocytopenii z nadwrażliwością na różne leki. Wlad Lek 27:535-8, 15 Mar 74 (Pol)
AGED/ CALCIUM, adverse effects/
CHLORAMPHENICOL, adverse effects/
CYCLOPHOSPHAMIDE, therapeutic use/
*DRUG HYPERSENSITIVITY, etiology/
ENGLISH ABSTRACT/ FEMALE/
GLUCONATES, adverse effects/
*HEMORRHAGIC DIATHESIS, chemically
induced/ HEMORRHAGIC DIATHESIS, drug
therapy/ HUMAN/ PREDNISONE, therapeutic
use/ SULFADIMETHOXINE, adverse effects/
*THROMBOPENIA, chemically induced/
THROMBOPENIA, drug therapy
1143. Dyreborg E, Pilgaard S: Osteonecrosis in three young men previously treated with steroid for aplastic anaemia. Acta Orthop Scand 45:199-205, 1974
*ANEMIA, APLASTIC, drug therapy/ *FEMUR
HEAD NECROSIS, chemically induced/
FEMUR HEAD NECROSIS, radiography/ HIP,
pathology/ HIP, radiography/ HIP, surgery/
HIP JOINT/ HUMAN/ *HUMERUS, pathology/
HUMERUS, radiography/ JOINT DISEASES,
chemically induced/ JOINT PROSTHESIS/
MALE/ *NECROSIS, chemically induced/
OSTEOCHONDRITIS, chemically induced/
PREDNISONE, administration & dosage/
*PREDNISONE, adverse effects/ PREDNISONE,
therapeutic use
1144. Dziadkowiec I, Rembessa R: Free cell suspensions from rat placental tissue: metabolism of pregnenolone-4-14C and progesterone-4-14C. Experientia 30:438-9, 15 Apr 74
ANDROSTENEDIONE, biosynthesis/ ANIMAL
EXPERIMENTS/ CARBON RADIOISOTOPES/
CELL COUNT/ CELLS, CULTURED,
metabolism/ FEMALE/

AUTHOR SECTION

- HYDROXY-PREGNENOLONE, biosynthesis/
*PLACENTA, cytology/ PLACENTA,
metabolism/ *PREGNENOLONE, metabolism/
*PROGESTERONE, metabolism
1145. Dzieniszewski J, Zgorzelska K: Dobowy rytm
11-hydroksykortykosteroidów we krwi u chorych na
wirusowe zapalenie wątroby.
Pol Tyg Lek 29:877-9, 27 May 74 (Pol)
*CIRCADIAN RHYTHM/ ENGLISH
ABSTRACT/ FEMALE/ *HEPATITIS,
INFECTIOUS, blood/ HUMAN/
*11-HYDROXYCORTICOSTEROIDS, blood/
MALE
1146. Dziuk E, Merta A, Bocian E: Accidental irradiation of
skin on hands with a proton beam of 4 MeV energy.
Strahlentherapie 148:885-92, Dec 73
ANIMAL EXPERIMENTS/ CHROMOSOMES,
radiation effects/ FEMALE/ FINGERS, blood
supply/ FLUOCINOLONE ACETONIDE,
therapeutic use/ *HAND INJURIES, etiology/
HUMAN/ INFLAMMATION, drug therapy/
LYMPHOCYTES, radiation effects/
PROTONS/ RADIATION DOSAGE/
RADIODERMATITIS, drug therapy/
*RADIODERMATITIS, etiology/
RADIODERMATITIS, pathology/ REGIONAL
BLOOD FLOW, radiation effects/ SKIN,
pathology/ *SKIN, radiation effects
- ## E
1147. Earnest DL, Johnson G, Williams HE, et al:
Hyperoxaluria in patients with ileal resection: an
abnormality in dietary oxalate absorption.
Gastroenterology 66:1114-22, Jun 74
ADMINISTRATION, ORAL/ ADULT/
CALCIUM, metabolism/ CARBON
RADIOISOTOPES/ DIETARY FATS,
metabolism/ FATTY ACIDS, metabolism/
HUMAN/ ILEOSTOMY/ *ILEUM, surgery/
INTESTINAL ABSORPTION/ KIDNEY
CALCULI, etiology/ KIDNEY CALCULI,
metabolism/ MALABSORPTION SYNDROMES,
complications/ MIDDLE AGE/ OXALATES,
administration & dosage/ OXALATES,
metabolism/ *OXALATES, urine
1148. Eaton GG, Resko JA: Ovarian hormones and sexual
behavior in Macaca Nemestrina.
J Comp Physiol Psychol 86:919-25, May 74
ANIMAL EXPERIMENTS/ EJACULATION/
*ESTRADIOL, blood/ ESTRADIOL, secretion/
*ESTRUS/ FEMALE/ GROOMING/ MACACA/
MALE/ MONKEYS/ *PROGESTERONE, blood/
PROGESTERONE, secretion/ *SEX BEHAVIOR,
ANIMAL/ SEX FACTORS/ TIME FACTORS
1149. Ebara Y, Yen SS: [Normal and abnormal secretion
dynamics of prolactin in the fields of gynecology and
obstetrics]
Clin Endocrinol (Tokyo) 22:352-60, Mar 74 (67 ref.)
(Jap)
AMPHETAMINE, pharmacodynamics/
ANTITUBERCULAR AGENTS,
pharmacodynamics/ DOPA, pharmacodynamics/
FEMALE/ HUMAN/ MENSTRUATION/
PHENOTHIAZINES, pharmacodynamics/
PROLACTIN, blood/ PROLACTIN, physiology/
*PROLACTIN, secretion/ PUBERTY/
RESERPINE, pharmacodynamics/ REVIEW/
SOMATOTROPIN, analysis
1150. Ebel H, Classen HG, Marquardt P, et al: Die biologische
Bestimmung von Katecholaminen im Urin als
Screening-Methode zum Nachweis von
Phäochromocytomen--unter besonderer
Berücksichtigung einer medikamentösen
Beeinflussung des Katecholaminstoffwechsels.
Verh Dtsch Ges Inn Med 79:814-7, 1973 (Ger)
ADRENERGIC ALPHA RECEPTOR
BLOCKADERS, pharmacodynamics/
ADRENERGIC BETA RECEPTOR
BLOCKADERS, pharmacodynamics/ ANIMAL
EXPERIMENTS/ CATECHOLAMINES,
metabolism/ *CATECHOLAMINES, urine/
CATS/ HUMAN/ *PHEOCHROMOCYTOMA,
urine
1151. Ebel K: Cranioostenosis. Roentgenological and
cranio-metric features. Pediatr Radiol 2:1-13, 5 Apr 74
ACROCEPHALOSYNDACTYLIA, radiography/
ADOLESCENCE/ ATROPHY, diagnosis/ BONE
DISEASES, DEVELOPMENTAL, classification/
BONE DISEASES, DEVELOPMENTAL,
physiopathology/ *BONE DISEASES,
DEVELOPMENTAL, radiography/ BRAIN
DISEASES, diagnosis/ CEPHALOMETRY/
CHILD/ CHILD, PRESCHOOL/
CRANIOFACIAL DYSOSTOSIS, radiography/
CRANIOSYNOSTOSES, radiography/
DIAGNOSIS, DIFFERENTIAL/
EXOPHTHALMOS, radiography/ FEMALE/
HUMAN/ INFANT/ INFANT, NEWBORN/
INTRACRANIAL PRESSURE/ MALE/ ORBIT,
pathology/ SKULL, pathology/ *SKULL,
radiography/ SYNDROME
1152. Ebihara A: Proceedings: Effects of removal of
endocrine organs on spontaneous and renal
hypertension in rats. Jap Heart J 15:182-3, Mar 74
ADRENAL GLANDS, physiology/
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
BLOOD PRESSURE/ *ENDOCRINE GLANDS,
physiology/ *HYPERTENSION, physiopathology/
*HYPERTENSION, RENAL, physiopathology/
HYPOPHYSECTOMY/ MALE/ PITUITARY
GLAND, physiology/ THYROID GLAND,
physiology/ THYROIDECTOMY
1153. Ectors M, Noel P, Franken L: Lésions du système
nerveux central et troubles de la thermorégulation.
Acta Clin Belg 29:104-7, 1974 (Fre)
ACETYLCHOLINE, physiology/ ALCOHOLISM,
complications/ *BODY TEMPERATURE
REGULATION/ ENGLISH ABSTRACT/
FEMALE/ FEVER, physiopathology/ HUMAN/
HYPOTHALAMUS, pathology/
*HYPOTHALAMUS, physiopathology/
HYPOTHERMIA, etiology/ HYPOTHERMIA,
pathology/ MALE/ NOREPINEPHRINE,
physiology/ SEROTONIN, physiology/
WERNICKE'S ENCEPHALOPATHY, etiology
1154. Eddleston AL, Murray-Lyon IM, Williams R:
Autoimmunity and immunosuppressive therapy in
active chronic hepatitis. Med Chir Dig 2:319-21, 1973
ADRENAL CORTEX HORMONES, therapeutic
use/ ADRENAL CORTEX HORMONES,
toxicity/ AZATHIOPRINE, metabolism/
AZATHIOPRINE, therapeutic use/ CHRONIC
DISEASE/ *HEPATITIS, drug therapy/
HUMAN/ *IMMUNITY/
*IMMUNOSUPPRESSIVE AGENTS, therapeutic
use
1155. Edelman IS: Thyroid thermogenesis.
N Engl J Med 290:1303-8, 6 Jun 74 (12 ref.)
ADENOSINE DIPHOSPHATE, metabolism/
ADENOSINE TRIPHOSPHATE, biosynthesis/
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ BIOLOGICAL TRANSPORT,
ACTIVE/ *BODY TEMPERATURE
REGULATION/ CELL MEMBRANE,
metabolism/ CYTOCHROMES, metabolism/
ELECTRON TRANSPORT/ ENERGY
METABOLISM/ FLAVOPROTEINS, metabolism/
HUMAN/ MITOCHONDRIA, metabolism/
MODELS, BIOLOGICAL/ NAD, metabolism/
OXIDATIVE PHOSPHORYLATION/ OXYGEN
CONSUMPTION/ PHOSPHATES, metabolism/
PROTEINS, biosynthesis/ RATS/ REVIEW/
RNA, biosynthesis/ SODIUM, metabolism/
*THYROID GLAND, physiology/ THYROID
HORMONES, physiology/ UBIQUINONE,
metabolism
1156. Edelstyn GA, Marcrae KD: Cyclical combination
chemotherapy in advanced breast cancer.
Ann R Coll Surg Engl 54:275-8, Jun 74
AGE FACTORS/ *BREAST NEOPLASMS, drug
therapy/ COMPARATIVE STUDY/
CYCLOPHOSPHAMIDE, administration &
dosage/ *CYCLOPHOSPHAMIDE, therapeutic
use/ DRUG THERAPY, COMBINATION/
FEMALE/ FLUOROURACIL, administration &
dosage/ *FLUOROURACIL, therapeutic use/
HUMAN/ HYPOPHYSECTOMY/
METHOTREXATE, administration & dosage/

AUTHOR SECTION

- *METHOTREXATE, therapeutic use/
NEOPLASM METASTASIS/ NEOPLASM
RECURRENCE, LOCAL/ NORETHINDRONE,
therapeutic use/ VINCRISTINE, administration
& dosage/ *VINCRISTINE, therapeutic use
1157. Edström A, Kanje M, Walum E: Effects of dibutyryl cyclic AMP and prostaglandin E1 on cultured human glioma cells. *Exp Cell Res* 85:217-23, 30 Mar 74
BLOOD PROTEINS/ CELL LINE/ CULTURE MEDIA/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ *GLIOMA, pathology/ HUMAN/ LEUCINE, metabolism/ *PROSTAGLANDINS, pharmacodynamics/ STAINS AND STAINING/ THEOPHYLLINE, pharmacodynamics/ TRITIUM/ VINBLASTINE, pharmacodynamics
1158. Edwards C, Nahorski SR, Rogers KJ: In vivo changes of cerebral cyclic adenosine 3',5'-monophosphate induced by biogenic amines: association with phosphorylase activation. *J Neurochem* 22:565-72, Apr 74
ACETYLCHOLINE, pharmacodynamics/ ADENOSINE, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ANIMAL EXPERIMENTS/ *BIOGENIC AMINES, pharmacodynamics/ CEREBRAL CORTEX, drug effects/ *CEREBRAL CORTEX, metabolism/ CHICKENS/ DOPAMINE, pharmacodynamics/ ENZYME ACTIVATION/ EPINEPHRINE, pharmacodynamics/ FREEZING/ GLYCOGEN, metabolism/ *GLYCOGEN PHOSPHORYLASE, metabolism/ HISTAMINE, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ ISOPROTERENOL, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL
1159. Edwards R, Jeffcoate SL: Proceedings: Measurement of unconjugated oestradiol-17beta in human urine by radioimmunoassay. *N Engl J Med* 291:xixl, 11 Jun 74
*ESTRADIOL, urine/ FEMALE/ HUMAN/ IODINE RADIOISOTOPES/ MENSTRUATION/ RADIOIMMUNOASSAY
1160. Eflinski D, Duma H, Apostolovski B, et al: Klinefelter's and Down's syndrome in an adolescent with abnormal EEG. *Clin Genet* 5:81-5, 1974
ADOLESCENCE/ ANEUPLOIDY/ ELECTROENCEPHALOGRAPHY/ *EPILEPSY, complications/ HUMAN/ KARYOTYPING/ *KLINEFELTER'S SYNDROME, complications/ KLINEFELTER'S SYNDROME, familial & genetic/ KLINEFELTER'S SYNDROME, physiopathology/ MALE/ *MONGOLISM, complications/ MONGOLISM, familial & genetic/ MONGOLISM, physiopathology/ PHENOTYPE
1161. Efstratopoulos AD, Peart WS, Wilson GA: The effect of aldosterone on colonic potential difference and renal electrolyte excretion in normal man. *Clin Sci Mol Med* 46:489-99, Apr 74
ADULT/ ALDOSTERONE, blood/ *ALDOSTERONE, pharmacodynamics/ *COLON, drug effects/ CREATININE, urine/ DIURESIS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTRODES/ ELECTROPHYSIOLOGY/ HUMAN/ MALE/ METHODS/ OSMOSIS/ POTASSIUM, urine/ PROCTOLOGY/ *SODIUM, urine/ WATER
1162. Egart FM, Atamanova TM, Egorova IA, et al: Ekskretsiia al'dosterona s mochof, aktivnost' renina v plazme i nekotorye polazateli obmena kalcia i natrila u bol'nykh s vrozhdennof viriliziruushchei giperplazii kory nadpocheknikov. *Probl Endokrinol (Mosk)* 20:42-7, Mar-Apr 74 (Rus)
ADOLESCENCE/ ADRENOGENITAL SYNDROME, blood/ ADRENOGENITAL SYNDROME, complications/ *ADRENOGENITAL SYNDROME, metabolism/ ADRENOGENITAL SYNDROME, urine/ ADULT/ *ALDOSTERONE, urine/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *POTASSIUM, metabolism/ *RENIN, blood/ *SODIUM, metabolism/ VIRILISM, blood/ VIRILISM, complications/ *VIRILISM, metabolism/ VIRILISM, urine
1163. Eggenton J, Flower RJ, Hardcastle PT, et al: Proceedings: Prostaglandins and intestinal function. *J Physiol (Lond)* 238:79passim-80p, Apr 74
ANIMAL EXPERIMENTS/ *COLON, drug effects/ COLON, physiology/ ELECTROPHYSIOLOGY/ IN VITRO/ *JEJUNUM, drug effects/ JEJUNUM, physiology/ *PROSTAGLANDINS, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics
1164. Ehrensing RH, Kastin AJ, Schalch DS, et al: Affective state and thyrotropin and prolactin responses after repeated injections of thyrotropin-releasing hormone in depressed patients. *Am J Psychiatry* 131:714-8, Jun 74
ADULT/ *AFFECT, drug effects/ CLINICAL RESEARCH/ DEPRESSION, classification/ DEPRESSION, diagnosis/ *DEPRESSION, drug therapy/ FEMALE/ HUMAN/ INFORMED CONSENT/ MALE/ MIDDLE AGE/ PLACEBOS/ *PROLACTIN, blood/ PSYCHIATRIC STATUS RATING SCALES/ *THYROTROPIN, blood/ *THYROTROPIN RELEASING HORMONE, administration & dosage
1165. Efdlin LM: O vozmozhnosti opredeleniia po mikrostrukture kostei vidovoi priinadlezhnosti i vozrasta. *Sud Med Ekspert* 17:3-8, Apr-Jun 74 (Rus)
AGE DETERMINATION BY SKELETON/ AGE FACTORS/ ANIMAL EXPERIMENTS/ *BONE AND BONES/ BONE AND BONES, cytology/ BONE AND BONES, growth & development/ BONE AND BONES, pathology/ COMPARATIVE STUDY/ *FORENSIC MEDICINE/ HUMAN/ OSTEOPOROSIS, pathology/ RACIAL STOCKS
1166. Eisen A, Humphreys P: The Guillain-Barré syndrome. A clinical and electrodiagnostic study of 25 cases. *Arch Neurol* 30:438-43, Jun 74
ACTION POTENTIALS/ ADOLESCENCE/ ADULT/ AGED/ CEREBROSPINAL FLUID PROTEINS, analysis/ CHILD/ CORTICOTROPIN, therapeutic use/ ELECTRIC STIMULATION/ ELECTROMYOGRAPHY/ EVOKED POTENTIALS/ FACIAL NERVE, physiopathology/ FEMALE/ GLUCOCORTICIDS, therapeutic use/ HUMAN/ MALE/ MEDIAN NERVE, physiopathology/ MIDDLE AGE/ MUSCLE DENERVATION/ MUSCLES, physiopathology/ *NEURAL CONDUCTION/ OCULOMOTOR MUSCLES, physiopathology/ *PERIPHERAL NERVES, physiopathology/ PERONEAL NERVE, physiopathology/ POLYRADICULITIS, cerebrospinal fluid/ *POLYRADICULITIS, diagnosis/ POLYRADICULITIS, drug therapy/ POLYRADICULITIS, physiopathology/ PROGNOSIS/ TIME FACTORS/ ULNAR NERVE, physiopathology
1167. Eisenberg H, Pallotta J, Sherwood LM: Selective arteriography, venography and venous hormone assay in diagnosis and localization of parathyroid lesions. *Am J Med* 56:810-20, Jun 74
ADENOMA, blood/ *ADENOMA, diagnosis/ ADENOMA, radiography/ AGED/ ANGIOGRAPHY/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, blood/ *HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, radiography/ MALE/ MIDDLE AGE/ PARATHYROID HORMONE, blood/ PARATHYROID NEOPLASMS, blood/ *PARATHYROID NEOPLASMS, diagnosis/ PARATHYROID NEOPLASMS, radiography/ PHLEBOGRAPHY/ THYROID GLAND, blood supply/ VEINS
1168. Ekström-Jodal B, Essen C von, Häggendal E, et al: Effects of 5-hydroxytryptamine on the cerebral blood flow in the dog. *Acta Neurol Scand* 50:27-38, 1974
ANIMAL EXPERIMENTS/ ANOXIA, blood/

AUTHOR SECTION

- ATROPINE, pharmacodynamics/ BLOOD PRESSURE, drug effects/ CARBON DIOXIDE, blood/ *CEREBROVASCULAR CIRCULATION, drug effects/ DEPRESSION, CHEMICAL/ INJECTIONS, INTRAVENOUS/ METHYSERGIDE, pharmacodynamics/ OXYGEN, blood/ OXYGEN CONSUMPTION, drug effects/ PARTIAL PRESSURE/ PHENTOLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ SEROTONIN, administration & dosage/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, pharmacodynamics/ TIME FACTORS
1169. Eldridge JC, McPherson JC 3d, Mahesh VB: Maturation of the negative feedback control of gonadotropin secretion in the female rat. *Endocrinology* 94:1536-40, Jun 74
AGE FACTORS/ AGING/ ANIMAL EXPERIMENTS/ CASTRATION/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ FEEDBACK/ FEMALE/ *FSH, blood/ *LH, blood/ PUBERTY/ RATS
1170. Elgort DA, Abelev GI, Levina DM, et al: Immunoradiography test for alpha-fetoprotein in the differential diagnosis of germinogenic tumours of the testis and in the evaluation of effectiveness of their treatment. *Int J Cancer* 11:586-94, May 73
ADULT/ *ALPHA GLOBULIN, analysis/ AUTORADIOGRAPHY/ COMPARATIVE STUDY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *FETAL GLOBULINS, analysis/ GASTROINTESTINAL NEOPLASMS, diagnosis/ GEL DIFFUSION TESTS/ HUMAN/ LIVER NEOPLASMS, diagnosis/ MALE/ METHODS/ NEOPLASM METASTASIS/ SERODIAGNOSIS/ *TERATOID TUMOR, diagnosis/ *TESTICULAR NEOPLASMS, diagnosis
1171. Elias EG: Heparin anticoagulation as adjuvant to chemotherapy in carcinoma of the lung. *J Med (Basel)* 5:114-32, 1974
AGED/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BLOOD COAGULATION, drug effects/ *CARCINOMA, drug therapy/ CARCINOMA, pathology/ CARCINOMA, radiography/ CARCINOMA, BRONCHOGENIC, drug therapy/ CARCINOMA, EPIDERMOID, drug therapy/ CARCINOMA, EPIDERMOID, radiography/ CARCINOMA, OAT CELL, drug therapy/ CARCINOMA, OAT CELL, radiography/ CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, COMBINATION/ FIBRINOGEN, analysis/ FLUOROURACIL, therapeutic use/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ *LUNG NEOPLASMS, drug therapy/ LUNG NEOPLASMS, pathology/ LUNG NEOPLASMS, radiography/ MALE/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ NEOPLASM METASTASIS/ SKIN NEOPLASMS, drug therapy/ SKIN NEOPLASMS, pathology/ THIIOUANINE, therapeutic use/ VINCRISTINE, therapeutic use
1172. Ellendorff, König F, Farvici N: Neuere Erkenntnisse der Endokrinologie der Fortpflanzung bei Haustieren. II. Neurotransmitter, Neurohormone und Adenohypophysenhormone. *Dtsch Tierärztl Wochenschr* 81:210-4 concl, May 74 (Ger)
ANIMAL EXPERIMENTS/ *ANIMALS, DOMESTIC/ *ENDOCRINOLOGY/ ENGLISH ABSTRACT/ FEMALE/ HORMONES, physiology/ MALE/ NEURAL TRANSMISSION/ PIGEONS/ PITUITARY HORMONES, ANTERIOR, physiology/ RATS/ *REPRODUCTION/ SHEEP/ SWINE
1173. Ellendorff F, König A, Farvici N: Neuere Erkenntnisse der Endokrinologie der Fortpflanzung bei Haustieren. 2. Folge: Neurotransmitter, Neurohormone und Adenohypophysenhormone. *Dtsch Tierärztl Wochenschr* 81:185-8 contd, 15 Apr 74 (Ger)
ANIMAL EXPERIMENTS/ *ANIMALS,
- DOMESTIC/ *ENDOCRINOLOGY/ HORMONES, physiology/ NEURAL TRANSMISSION/ PITUITARY HORMONES, ANTERIOR, physiology/ *REPRODUCTION
1174. Elliott DA, Rizaack MA: Epinephrine and adrenocorticotrophic hormone-stimulated magnesium accumulation in adipocytes and their plasma membranes. *J Biol Chem* 249:3985-90, 25 Jun 74
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ *CORTICOTROPIN, pharmacodynamics/ EPIDIDYMYIS/ *EPINEPHRINE, pharmacodynamics/ FLUORESCENCE/ IN VITRO/ LIGANDS/ *MAGNESIUM, metabolism/ MALE/ MICROSCOPY, ELECTRON/ NOREPINEPHRINE, pharmacodynamics/ QUINOLINES/ RADIOISOTOPES/ SPECTROMETRY, FLUORESCENCE/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ SULFONIC ACIDS
1175. Elliott DD: Adrenocortical insufficiency: a self-instruction unit. *Am J Nurs* 74:1115-30, Jun 74
ADDISON'S DISEASE/ *ADRENAL GLAND HYPOFUNCTION/ *EDUCATION, NURSING/ HUMAN/ *PROGRAMMED INSTRUCTION
1176. Ellis DA: The development of the aging face. *Can J Otolaryngol* 2:231-4, 1973
ADULT/ *AGING/ BONE AND BONES, physiology/ EYEBROWS, surgery/ FACE, anatomy & histology/ *FACE, growth & development/ FACE, surgery/ FACIAL MUSCLES, physiology/ HUMAN/ METHODS/ MIDDLE AGE/ SKIN, physiology/ *SURGERY, PLASTIC
1177. Ellorhaoui M: Die Therapie des Cor pulmonale chronicum und ihre Gefahren. *Z Aerztl Fortbild (Jena)* 68:116-20, 1 Feb 74 (Ger)
ADRENAL CORTEX HORMONES, adverse effects/ ANTIBIOTICS, adverse effects/ ARRHYTHMIA, chemically induced/ BACTERIAL INFECTIONS, etiology/ CARDIAC GLYCOSIDES, adverse effects/ CHRONIC DISEASE/ FEMALE/ HALLUCINATIONS, chemically induced/ HEMORRHAGE, chemically induced/ HUMAN/ INTENSIVE CARE UNITS/ MALE/ MUSCLE CRAMP, chemically induced/ OXYGEN INHALATION THERAPY/ PHYSICAL THERAPY/ PULMONARY HEART DISEASE, complications/ PULMONARY HEART DISEASE, drug therapy/ *PULMONARY HEART DISEASE, therapy/ RESPIRATORS, adverse effects/ VOCAL CORD PARALYSIS, etiology
1178. Elstein M, Miller H: Letter: Effects of oral contraceptives on endogenous hormone secretion. *Br Med J* 2:222, 27 Apr 74
*CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ LH, secretion/ *LH, urine/ MESTRANOL, pharmacodynamics/ NORETHINDRONE, pharmacodynamics/ SECRETORY RATE, drug effects
1179. Elyakova LA, Shirokova NI, Oshitok GI, et al: A quest for glycosidases that hydrolyze certain triterpene and steroid glycosides in marine invertebrates. *Comp Biochem Physiol [B]* 48:181-4, 15 Jun 74
ANIMAL EXPERIMENTS/ ANNELIDA, analysis/ CHROMATOGRAPHY, THIN LAYER/ CRUSTACEA, analysis/ DIGESTIVE SYSTEM, enzymology/ ECHINODERMATA, analysis/ *GLUCOSIDASE, analysis/ *GLYCOSIDES, analysis/ HYDROLYSIS/ *INVERTEBRATES, analysis/ MOLLUSCA, analysis/ STEROIDS/ *TRITERPENES, analysis
1180. Emanuelsson H, Mecklenburg C von: Experimental and structural analysis of the function of saccus vasculosus in rainbow trout, *Salmo gairdneri* (Richardson). *Cell Tissue Res* 148:27-44, 29 Mar 74

AUTHOR SECTION

- ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *BRAIN, cytology/ BRAIN, metabolism/ BRAIN, physiology/ CEREBRAL VENTRICLES, cytology/ CILIA/ EPENDYMA, cytology/ GLUCOSAMINE, metabolism/ HYPOTHALAMUS, cytology/ *HYPOTHALAMUS, physiology/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ *SALMONIDAE, anatomy & histology/ SALMONIDAE, physiology/ SEAWATER/ TRITIUM/ WATER-ELECTROLYTE BALANCE
1181. Emerick RJ: Consequences of high nitrate levels in feed and water supplies. Fed Proc 33:1183-7, May 74 (77 ref.) AMINES/ ANIMAL EXPERIMENTS/ CARCINOGENS/ CATTLE/ CHEMISTRY/ *ENVIRONMENTAL POLLUTION/ FOOD ADDITIVES/ HUMAN/ *NITRATES, adverse effects/ NITRATES, toxicity/ NITRITES/ NITRITES, adverse effects/ NITRITES, toxicity/ NITROSAMINES/ REPRODUCTION, drug effects/ REVIEW/ THYROID GLAND, drug effects/ VITAMIN A, metabolism/ *WATER POLLUTION, CHEMICAL/ WATER SUPPLY
1182. Emerson GM: Emerson studies on growth hormone effects in the Norway rat. Ala J Med Sci 10:410-6, Oct 73 ADRENAL CORTEX HORMONES, secretion/ ADRENAL GLANDS, drug effects/ AGING, drug effects/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ BLOOD SUGAR, analysis/ CARDIAC OUTPUT/ CATTLE/ CELL NUCLEUS/ FEMALE/ *GROWTH, drug effects/ MALE/ MUSCLES, growth & development/ RATS/ *SOMATOTROPIN, pharmacodynamics/ SOMATOTROPIN, physiology
1183. Emmerson BT, Thompson L, Wallace DC, et al: Hypoxanthine-guanine phosphoribosyltransferase and deutan colour blindness: the relative positions of their loci on the X-chromosome. Adv Exp Med Biol 41:281-3, 1973 CARBON RADIOISOTOPES/ CHROMOSOME MAPPING/ *COLOR BLINDNESS, familial & genetic/ COMPARATIVE STUDY/ COMPUTERS, DIGITAL/ ERYTHROCYTES, enzymology/ FEMALE/ GUANINE NUCLEOTIDES/ HETEROZYGOSE/ HUMAN/ INOSINE NUCLEOTIDES/ *LINKAGE (GENETICS)/ MALE/ PEDIGREE/ PENTOSEPHOSPHATES/ *PENTOSYLTRANSFERASES, blood/ PROBABILITY/ *PURINE-PYRIMIDINE METABOLISM, INBORN ERRORS, familial & genetic/ RECOMBINATION, GENETIC/ SELECTION (GENETICS)/ *SEX CHROMOSOME ABNORMALITIES, familial & genetic
1184. Endersby CA, Wilson CA: The effect of ovarian steroids on the accumulation of 3H-labelled monoamines by hypothalamic tissue in vitro. Brain Res 73:321-31, 20 Jun 74 ANIMAL EXPERIMENTS/ *BIOGENIC AMINES, metabolism/ CIRCADIAN RHYTHM/ DOPAMINE, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ ESTRUS/ FEMALE/ *HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, metabolism/ IN VITRO/ NOREPINEPHRINE, metabolism/ OVARY, physiology/ OVULATION/ *PROGESTERONE, pharmacodynamics/ RATS/ SEROTONIN, metabolism/ TRITIUM
1185. Endo Y, Ogura Y: Distribution of histamine in adrenal gland. Jap J Pharmacol 24:171-3, Feb 74 *ADRENAL GLANDS, analysis/ ADRENAL MEDULLA, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ *HISTAMINE, analysis/ MALE corticosteroids. A quantitative evaluation of McKenzie's skin-blanching test. Arch Dermatol 109:863-5, Jun 74 CHEMISTRY/ HUMAN/ *HYDROCORTISONE, TOPICAL, pharmacodynamics/ MATHEMATICS/ METHODS/ PIGMENTATION, drug effects/ *SKIN, drug effects/ SKIN TESTS
1187. Engelbrecht E, Engelbrecht H: Totalsatz des Femurs unter Verwendung der Hüft- und Kniegelenktotalendoprothesen, Modell "St. Georg". Chirurg 45:231-6, May 74 (Ger) ARTHRITIS, RHEUMATOID, surgery/ *ARTHROPLASTY/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL FRACTURES, surgery/ FEMORAL NEOPLASMS, surgery/ *FEMUR, surgery/ FRACTURES, UNUNITED, surgery/ *HIP JOINT/ HUMAN/ *JOINT PROSTHESIS/ *KNEE JOINT/ MALE/ METHODS/ OSTEOPOROSIS, surgery/ PLASMACYTOMA, surgery/ POLYETHYLENES/ POSTOPERATIVE CARE/ PROSTHESIS DESIGN/ SARCOMA, OSTEOGENIC, surgery
1188. Enger DM, Walters RA, Hampel AE, et al: Sub-ribosomal particles of cultured Chinese-hamster cells. Relationship between RNA and protein components. Eur J Biochem 43:17-28, 15 Mar 74 AMINO ACYL T RNA SYNTHETASES/ CELL LINE/ CELL NUCLEUS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CENTRIFUGATION, ZONAL/ COLD/ DEOXYCHOLIC ACID/ DETERGENTS/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MOLECULAR WEIGHT/ NUCLEOPROTEINS/ OVARY/ PROTEIN BINDING/ *PROTEINS, metabolism/ RIBONUCLEASE/ *RIBOSOMES, metabolism/ *RNA, RIBOSOMAL, metabolism/ RNA, TRANSFER/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ TRITIUM/ ULTRACENTRIFUGATION/ URIDINE
1189. Engström I, Karlberg P, Lichtenstein H, et al: En metod för bedömning av sekundära könakaraktärer under puberteten. Lakartidningen 70:3045-7, 5 Sep 73 (Swe) AGE FACTORS/ MENARCHE/ *PUBERTY/ *SEX CHARACTERISTICS
1190. Ennever J, Vogel JJ, Levy BM: Lipid and bone matrix calcification in vitro. Proc Soc Exp Biol Med 145:1386-8, Apr 74 ANIMAL EXPERIMENTS/ BONE MATRIX, analysis/ *BONE MATRIX, metabolism/ *CALCIFICATION, PHYSIOLOGIC/ FEMUR, metabolism/ IN VITRO/ LIPIDS, isolation & purification/ *LIPIDS, physiology/ MONKEYS/ PHOSPHOLIPIDS, isolation & purification/ X-RAY DIFFRACTION
1191. Enomoto H, Ikeda H, Inoue K: [Fluorometric measurement rat midbrain corticosterone concentration (author's transl)] Shikwa Gakuho 74:901-12, May 74 (Jap) CORTICOSTERONE, analysis/ FLUOROMETRY/ SPECIAL LIST DENTAL
1192. Enwonwu CO: Letter: Adrenal regulation of protein synthesis in protein malnutrition. Nutr Rev 32:159-60, May 74 *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ CHILD/ HUMAN/ HYDROCORTISONE, blood/ *PROTEIN-CALORIE MALNUTRITION, metabolism/ PROTEINS, biosynthesis
1193. Epifanov NS, Sadkov SA, Nagovitsin BV: Lechenie sustavnykh oslozhneniy gemofilii. Probl Gematol Pereliv Krovi 19:22-6, 1974 (Rus) ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ *CONTRACTURE, therapy/ ENGLISH ABSTRACT/ *HEMARTHROSIS, therapy/ HEMIPLEGIA, therapy/ *HEMOPHILIA, complications/ HEMOSTATICS, therapeutic use/ HUMAN/ INFANT/ IONTOPHORESIS/ MANIPULATION, ORTHOPEDIC/ MIDDLE AGE/ *OSTEOARTHRITIS, therapy/ PARALYSIS, therapy/ PHYSICAL THERAPY/
1186. Engel DJ, Marx AF, Rekker RF, et al: Topically active

AUTHOR SECTION

- PREDNISOLONE, therapeutic use/ PROCAINE, therapeutic use
1194. Epstein M, Levitzki A, Reuben J: Binding of lanthanides and of divalent metal ions to porcine trypsin. *Biochemistry* 13:1777-82, 9 Apr 74
 CADMIUM, metabolism/ CALCIUM, metabolism/ CATIONS, DIVALENT/ DYSPROSIUM, metabolism/ ELECTRON SPIN RESONANCE/ ERBIUM, metabolism/ EUROPIUM, metabolism/ GADOLINIUM, metabolism/ HYDROGEN-ION CONCENTRATION/ LANTHANUM, metabolism/ LUTETIUM, metabolism/ MANGANESE, metabolism/ MATHEMATICS/ *METALS, metabolism/ NEODYMIUM, metabolism/ PRASEODYMIUM, metabolism/ RADIOISOTOPES/ SAMARIUM, metabolism/ SPECTROMETRY, FLUORESCENCE/ SWINE/ TERBIUM, metabolism/ THULIUM, metabolism/ *TRYPSIN, metabolism/ YTTERBIUM, metabolism/ YTTRIUM, metabolism
1195. Epstein N, Fitzsimons JT, Johnson AK: Proceedings: Peptide antagonists of the renin-angiotensin system and the elucidation of the receptors for angiotensin-induced drinking. *J Physiol (Lond)* 238:34P-35P, Apr 74
 ANGIOTENSIN, antagonists & inhibitors/ *ANGIOTENSIN, pharmacodynamics/ ANGIOTENSIN II, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRAIN, drug effects/ BRAIN, metabolism/ *DRINKING/ KININASE II, pharmacodynamics/ PEPTIDES, pharmacodynamics/ *RECEPTORS, DRUG/ RECEPTORS, DRUG, drug effects/ RENIN, antagonists & inhibitors/ *RENIN, pharmacodynamics
1196. Erdos T, Fries J: The subunit-structure of the uterine "oestradiol-receptor". *Biochem Biophys Res Commun* 58:932-9, 18 Jun 74
 ANIMAL EXPERIMENTS/ BINDING SITES/ *CARRIER PROTEINS/ CELL NUCLEUS/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOCHROMES/ CYTOPLASM/ *ESTRADIOL, metabolism/ FEMALE/ GEL FILTRATION/ GUANIDINES/ HYDROXYAPATITE/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ PROTEIN BINDING/ PROTEIN DENATURATION/ *RECEPTORS, HORMONE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STAINS AND STAINING/ TRITIUM/ TRYPSIN/ *UTERUS/ UTERUS, cytology
1197. Ergeshov S: Pathogeneticheskie osnovy lechenia pul'pitov pastami, ne soderzhashchimi mysh'iak. *Sov Zdravookhr Kirg* 5:47-50, Sep-Oct 73 (Rus)
 ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTIBIOTICS, therapeutic use/ CALCIUM HYDROXIDE, therapeutic use/ DENTAL CARE/ DENTAL MATERIALS, therapeutic use/ FOLLOW-UP STUDIES/ HUMAN/ MIDDLE AGE/ *PULPITIS, drug therapy
1198. Eriksson L: Effect of lowered CSF sodium concentration on the central control of fluid balance. *Acta Physiol Scand* 91:61-8, May 74
 ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CEREBRAL VENTRICLES, drug effects/ CEREBRAL VENTRICLES, physiology/ *DIURESIS, drug effects/ FEMALE/ FRUCTOSE, pharmacodynamics/ GLUCOSE, pharmacodynamics/ GLYCERIN, pharmacodynamics/ GOATS/ HEART RATE, drug effects/ HYPERTONIC SOLUTIONS/ ISOTONIC SOLUTIONS/ KIDNEY, metabolism/ POTASSIUM, urine/ *SODIUM, cerebrospinal fluid/ SODIUM, urine/ STIMULATION, CHEMICAL/ SUCROSE, pharmacodynamics/ TIME FACTORS/ UREA, pharmacodynamics/ VASOPRESSIN, metabolism/ WATER, metabolism/ *WATER-ELECTROLYTE BALANCE
1199. Erina EV: Mesto saluretikov v lechenii gipertonicheskoi bolezni. *Kardiologiya* 14:151-7, Apr 74 (Rus)
 ADAPTATION, PHYSIOLOGICAL, drug effects/ ALDOSTERONE, antagonists & inhibitors/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ DELAYED-ACTION PREPARATIONS/ *DIURETICS, therapeutic use/ DIURETICS, THIAZIDE, administration & dosage/ DIURETICS, THIAZIDE, pharmacodynamics/ DIURETICS, THIAZIDE, therapeutic use/ DRUG COMBINATIONS/ DRUG THERAPY, COMBINATION/ FUROSEMIDE, pharmacodynamics/ FUROSEMIDE, therapeutic use/ HUMAN/ *HYPERTENSION, drug therapy/ HYPERTENSION, physiopathology/ *NATRIURESIS, drug effects/ NEUROHUMORS, physiology/ SPIRONOLACTONE, therapeutic use/ WATER-ELECTROLYTE BALANCE, drug effects
1200. Ermakova GL, Vlasova AG, Gusenova FM, et al: Eksperimental'noe infitsirovanie myshei L-formami bakterii na fone immunodepressantov. *Zh Mikrobiol Epidemiol Immunobiol* 51:91-4, Apr 74 (Rus)
 ACUTE DISEASE/ ANIMAL EXPERIMENTS/ ANTI-LYMPHOCYTE SERUM/ ENGLISH ABSTRACT/ HUMAN/ *IMMUNOSUPPRESSION/ L FORMS, isolation & purification/ *L FORMS, pathogenicity/ LEUKEMIA, complications/ LEUKEMIA, immunology/ *LEUKEMIA, microbiology/ LEUKOCYTE COUNT/ MERCAPTOPURINE/ MICE/ MURAMIDASE, blood/ PENICILLIN/ PNEUMONIA, complications/ PREDNISOLONE
1201. Esler MD: Effect of practolol on blood pressure and renin release in man. *Clin Pharmacol Ther* 15:484-9, May 74
 ADULT/ *BLOOD PRESSURE, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HEART RATE, drug effects/ HUMAN/ HYPERTENSION, drug therapy/ ISOPROTERENOL, pharmacodynamics/ MALE/ *PRACTOLOL, pharmacodynamics/ PRACTOLOL, therapeutic use/ PULSE, drug effects/ *RENIN, metabolism/ RENIN, pharmacodynamics/ TIME FACTORS
1202. Espinoza LR, Spilberg I, Osterland CK: Joint manifestations of sickle cell disease. *Medicine (Baltimore)* 53:295-305, Jul 74
 *ANEMIA, SICKLE CELL, complications/ ARTHRITIS, etiology/ BONE AND BONES, blood supply/ BONE AND BONES, radiography/ ERYTHROCYTES, ABNORMAL/ FEMALE/ FIBRIN, metabolism/ HEMOGLOBIN C DISEASE, complications/ HUMAN/ INFARCTION, radiography/ *JOINT DISEASES, etiology/ JOINT DISEASES, pathology/ JOINT DISEASES, radiography/ MALE/ MUCIN, analysis/ NECROSIS, radiography/ OSTEOPOROSIS, radiography/ SCLEROSIS, radiography/ SYNOVIAL FLUID, analysis/ SYNOVIAL MEMBRANE, pathology/ THALASSEMIA, complications/ URIC ACID, blood
1203. Espona Puigserinane L: Reconstrucciones coronarias segun la fisiopatologia de los tejidos dentinario y pulpar. *Rev Esp Estomatol* 22:79-110, Mar-Apr 74 (Spa)
 CALCIUM HYDROXIDE, pharmacodynamics/ DENTAL CAVITY LINING/ DENTAL CAVITY PREPARATION/ DENTAL HIGH SPEED EQUIPMENT, adverse effects/ DENTAL PULP/ DENTAL PULP CAPPING/ DENTAL PULP DISEASES, etiology/ DENTAL RESTORATION, PERMANENT, adverse effects/ DENTIN SENSITIVITY, prevention & control/ PRESSURE, adverse effects/ SPECIAL LIST DENTAL/ STEROIDS, therapeutic use/ ZINC OXIDE-EUGENOL CEMENT, pharmacodynamics/ ZINC PHOSPHATE CEMENT, pharmacodynamics
1204. Esser MJ: Die Hygiene des Mädchens im Kindes- und

AUTHOR SECTION

- Jugendalter, Fortschr Med 92:646-9, 23 May 74 (Ger)
 ADOLESCENCE/ CHILD/ FEMALE/
 GONORRHEA, prevention & control/
 GYMNASTICS/ *GYNECOLOGIC DISEASES,
 prevention & control/ HEALTH EDUCATION/
 HUMAN/ *HYGIENE/ MENSTRUATION/
 MONILIASIS, VULVOVAGINAL, prevention &
 control/ PUBERTY/ SWIMMING/
 TRICHOMONAS VAGINITIS, prevention &
 control/ VULVOVAGINITIS, prevention &
 control
1205. Estevez JM, Urueta EE, Moran TJ: Acute
 megakaryocytic myelofibrosis. Case report of an
 unusual myeloproliferative syndrome.
 Am J Clin Pathol 62:52-9, Jul 74
 ACUTE DISEASE/ ADRENAL GLAND
 NEOPLASMS, pathology/ AUTOPSY/ BONE
 MARROW, pathology/ BONE MARROW
 CELLS/ BUSULFAN, therapeutic use/ CASE
 REPORT/ FEMALE/ HUMAN/ KIDNEY
 NEOPLASMS, pathology/ LIVER NEOPLASMS,
 pathology/ *MEGAKARYOCYTES/
 MYELOFIBROSIS, diagnosis/ MYELOFIBROSIS,
 drug therapy/ *MYELOFIBROSIS, pathology/
 PREDNISONE, therapeutic use/ SPINAL
 NEOPLASMS, pathology/ SPLENIC
 NEOPLASMS, pathology/ VEINS, pathology
1206. Eto S, Wood JM, Hutchins M, et al: Pituitary 45 Ca ion
 uptake and release of ACTH, GH, and TSH: effect of
 verapamil. Am J Physiol 226:1315-20, Jun 74
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
 pharmacodynamics/ ANIMAL EXPERIMENTS/
 *CALCIUM, metabolism/ CALCIUM
 RADIOISOTOPES/ *CORTICOTROPIN,
 secretion/ DEPRESSION, CHEMICAL/
 HYPOTHALAMUS, physiology/ IN VITRO/
 *IPROVERATRIL, pharmacodynamics/ MALE/
 OUABAIN, pharmacodynamics/ PITUITARY
 GLAND, drug effects/ *PITUITARY GLAND,
 metabolism/ PITUITARY GLAND, secretion/
 POTASSIUM, pharmacodynamics/
 *SOMATOTROPIN, secretion/ THEOPHYLLINE,
 pharmacodynamics/ *THYROTROPIN,
 secretion/ THYROTROPIN RELEASING
 HORMONE, physiology/ TISSUE EXTRACTS/
 VASOPRESSIN, pharmacodynamics
1207. el Etreby MF, Günel P: Sex hormones--effects on
 prolactin cells.
 Acta Endocrinol [Suppl] (Kbh) 189:1-15, 1974 (48 ref.)
 ADENOMA, chemically induced/ ANIMAL
 EXPERIMENTS/
 DEHYDROEPIANDROSTERONE,
 pharmacodynamics/ DIETHYLSTILBESTROL,
 pharmacodynamics/ ESTRADIOL,
 pharmacodynamics/ FEMALE/ HUMAN/
 HYPERPLASIA/ HYPERTROPHY/ MALE/
 MICROSCOPY, ELECTRON/
 NORETHINDRONE, pharmacodynamics/
 PITUITARY GLAND, anatomy & histology/
 *PITUITARY GLAND, drug effects/
 PITUITARY GLAND, pathology/ PITUITARY
 NEOPLASMS, chemically induced/
 *PROLACTIN, secretion/
 RADIOIMMUNOASSAY/ REVIEW/ *SEX
 HORMONES, pharmacodynamics/ SEX
 HORMONES, physiology/ STAINS AND
 STAINING/ STIMULATION, CHEMICAL
1208. Etzioni A: Letter: Selecting the sex of one's children.
 Lancet 1:932-3, 11 May 74
 ABORTION, INDUCED/ AMNIOCENTESIS/
 ATTITUDE/ CHILD/ FAMILY
 CHARACTERISTICS/ FAMILY PLANNING/
 FEMALE/ HUMAN/ MALE/ PREGNANCY/
 *SEX DETERMINATION/ SEX FACTORS/
 *SEX RATIO
1209. Euler US von, Hedqvist P: Effects of substance P on the
 response of guinea pig vas deferens to transmural
 nerve stimulation. Acta Physiol Scand 90:651-3, Mar 74
 ANIMAL EXPERIMENTS/ CLONIDINE,
 pharmacodynamics/ DEPRESSION, CHEMICAL/
 ELECTRIC STIMULATION/ EVOKED
 POTENTIALS, drug effects/ GUINEA PIGS/
 MALE/ PHENTOLAMINE, pharmacodynamics/
 PROSTAGLANDINS, pharmacodynamics/
 STIMULATION, CHEMICAL/ *SUBSTANCE P,
 pharmacodynamics/ *VAS DEFERENS, drug
 effects/ VAS DEFERENS, physiology
1210. Evans CM, Brain PF: Proceedings: Some influences of
 sex steroids on the aggressiveness directed towards
 golden hamsters (*Mesocricetus auratus*, Waterhouse)
 of both sexes by 'trained fighter' individuals.
 N Engl J Med 291:xlvi-lviii, 11 Jun 74
 *AGGRESSION/ ANIMAL EXPERIMENTS/
 CASTRATION/ FEMALE/ MALE/ *SEX
 HORMONES, physiology/ SOCIAL ISOLATION/
 *URINE
1211. (Evans HM), : Classic pages in Obstetrics and
 Gynecology. Interstitial cell stimulating hormone. II.
 Method of preparation and some physico-chemical
 studies, by Choh Hao Li, Miriam E. Simpson, and
 Herbert M. Evans. Endocrinology, vol. 27, pp. 803-808,
 1940. Am J Obstet Gynecol 17:716, 1 Nov 73
 ANIMAL EXPERIMENTS/ *ENDOCRINOLOGY,
 history/ GYNECOLOGY, history/ HISTORICAL
 ARTICLE/ HISTORICAL BIOGRAPHY/ *LH/
 *LH, pharmacodynamics/ METHODS/
 OBSTETRICS, history/ UNITED STATES
1212. Evered DC, Clark F, Petersen VB: Thyroid function in
 euthyroid subjects with autonomous thyroid nodules.
 Clin Endocrinol (Oxf) 3:149-54, Apr 74
 COMPARATIVE STUDY/ FEMALE/ HUMAN/
 IODINE RADIOISOTOPES/ PITUITARY
 GLAND, metabolism/ RADIOIMMUNOASSAY/
 *THYROID DISEASES, metabolism/ THYROID
 GLAND, drug effects/ *THYROID GLAND,
 metabolism/ THYROID GLAND FUNCTION
 TESTS/ THYROTROPIN, metabolism/
 THYROTROPIN, pharmacodynamics/
 THYROTROPIN RELEASING HORMONE,
 pharmacodynamics/ THYROXINE, blood/
 TRIIODOTHYRONINE, pharmacodynamics
- F**
1213. Faas FH, Wadkins CL, Daniels JS, et al:
 Hyperparathyroidism in an elderly adult with
 hypophosphatasia. Clin Orthop 101:216-9, Jun 74
 ADENOMA, surgery/ ALKALINE
 PHOSPHATASE, blood/ CALCIUM, blood/
 FEMALE/ FEMORAL FRACTURES, etiology/
 FEMORAL FRACTURES, pathology/
 FEMORAL FRACTURES, radiography/
 FEMORAL FRACTURES, surgery/ HUMAN/
 HYDROXYPROLINE, urine/
 *HYPERPARATHYROIDISM, complications/
 HYPERPARATHYROIDISM, surgery/
 *HYPOPHOSPHATASIA, etiology/
 OSTEOMALACIA, complications/
 OSTEOMALACIA, pathology/ OSTEOMALACIA,
 radiography/ PARATHYROID NEOPLASMS,
 surgery/ PHOSPHORUS, blood
1214. Faber OK, Mouridsen HT: Letter: Cyclophosphamide
 activation and corticosteroids.
 N Engl J Med 291:211, 25 Jul 74
 *ADRENAL CORTEX HORMONES,
 pharmacodynamics/ ANIMAL EXPERIMENTS/
 *CYCLOPHOSPHAMIDE, metabolism/ DRUG
 INTERACTIONS/ HUMAN/ IN VITRO/
 PREDNISONE, pharmacodynamics
1215. Fabert VG, Wolf G, Sterba G: Molekulares Verhältnis
 von Oxytocin und Neurophysin in Neurohypophyse
 und Hypothalamus der Ratte--Radioimmunoassay.
 Endokrinologie 62:291-6, 1973 (Ger)
 ANIMAL EXPERIMENTS/ ENGLISH
 ABSTRACT/ FEMALE/
 *HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
 metabolism/ MOLECULAR CONFORMATION/
 NEUROPHYSINS, analysis/ *NEUROPHYSINS,
 metabolism/ OXYTOCIN, analysis/
 OXYTOCIN, metabolism/ PITUITARY GLAND,
 POSTERIOR, metabolism/
 RADIOIMMUNOASSAY/ RATS
1216. Fabre J, Mach RS, Ferrotet C: Une forme particulière
 du syndrome de Muckle et Wells: surdit  de
 perception, hypogonadisme, urticaire et arthrites
 f briles   r p tition avec insuffisance r nale.
 Minerva Nefrol 20:276-9, Jul-Oct 73 (Fre)
 ABNORMALITIES, MULTIPLE/ ADULT/
 *ARTHRITIS, familial & genetic/ *DEAFNESS,

AUTHOR SECTION

- familial & genetic/ HUMAN/
*HYPOGONADISM, familial & genetic/
*KIDNEY FAILURE, CHRONIC, familial &
genetic/ MALE/ SYNDROME/ *URTICARIA,
familial & genetic
1217. Fagard R, Fossion E, Campforts M, et al: Extraction and production of renin and angiotensin II across several vascular beds in dogs. *Experientia* 30:598-600, 15 Jun 74
ABDOMEN, blood supply/ ABDOMEN, metabolism/ *ANGIOTENSIN II, blood/ ANGIOTENSIN II, metabolism/ ANIMAL EXPERIMENTS/ LIVER, blood supply/ LIVER, metabolism/ LUNG, blood supply/ LUNG, metabolism/ *RENIN, blood/ RENIN, metabolism/ SPLEEN, blood supply/ SPLEEN, metabolism
1218. Fahn S: "On-off" phenomenon with levodopa therapy in Parkinsonism. Clinical and pharmacologic correlations and the effect of intramuscular pyridoxine. *Neurology (Minneapolis)* 24:431-41, May 74
ADULT/ *DOPA, adverse effects/ DOPA, antagonists & inhibitors/ DOPA, blood/ DOPA, therapeutic use/ DRUG SYNERGISM/ EVALUATION STUDIES/ FEMALE/ HOMOVANILLIC ACID, blood/ HUMAN/ *HYDRAZINES, therapeutic use/ INJECTIONS, INTRAMUSCULAR/ MALE/ METHYLDOPA, blood/ METHYLDOPAHYDRAZINE, therapeutic use/ MIDDLE AGE/ MOVEMENT DISORDERS, chemically induced/ PARKINSONISM, blood/ *PARKINSONISM, drug therapy/ PYRIDOXINE, administration & dosage/ *PYRIDOXINE, therapeutic use
1219. Fährlich F: Untersuchungen zur Entwicklung des Phycomyeten *Allomyces arbuscula*. I. Einfluss von Inhibitoren der Protein- und Nucleinsäuresynthese auf die Differenzierung von Gametangien. *Arch Mikrobiol* 98:85-92, 7 Jun 74 (Ger)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ FLUORODEOXYURIDINE, pharmacodynamics/ MALE/ MICROSCOPY, PHASE CONTRAST/ MITOMYCIN, pharmacodynamics/ *NUCLEIC ACIDS, biosynthesis/ PHYCOMYCETES, drug effects/ *PHYCOMYCETES, growth & development/ *PROTEINS, biosynthesis/ PUROMYCIN, pharmacodynamics/ RNA, MESSENGER, biosynthesis/ STREPTOMYCIN, pharmacodynamics
1220. Faigel HC: A developmental approach to adolescence. *Pediatr Clin North Am* 21:353-9, May 74 (11 ref.)
ADIPOSE TISSUE, growth & development/ *ADOLESCENCE/ BONE AND BONES, growth & development/ CHILD DEVELOPMENT/ DIVORCE/ FEMALE/ HUMAN/ MALE/ MARRIAGE/ MUSCLES, growth & development/ REVIEW/ SCHOOLS/ SPORTS
1221. Fal W: Mastocytes and some biologically active compounds in experimental trichinellosis. *Arch Immunol Ther Exp (Warsz)* 22:393-410, 1974
ANIMAL EXPERIMENTS/ CELL COUNT/ *HISTAMINE, analysis/ INTESTINE, SMALL, analysis/ INTESTINE, SMALL, cytology/ KININOGENS, blood/ *KININS, blood/ LYMPH NODES, analysis/ MAST CELLS, cytology/ *MAST CELLS, immunology/ MASTICATORY MUSCLES, analysis/ MASTICATORY MUSCLES, cytology/ *SEROTONIN, analysis/ STAINS AND STAINING/ *TRICHINOSIS, immunology
1222. Falk DR, Nash D: Sex-linked auxotrophic and putative auxotrophic mutants of *Drosophila melanogaster*. *Genetics* 76:755-66, Apr 74
ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ CULTURE MEDIA/ *DROSOPHILA MELANOGASTER, growth & development/ FEMALE/ *GENETICS, BIOCHEMICAL/ MALE/ *MUTATION/ NUTRITIONAL REQUIREMENTS/ PURINE NUCLEOSIDES, pharmacodynamics/ PYRIMIDINE
- NUCLEOSIDES, pharmacodynamics/
RIBONUCLEOSIDES, pharmacodynamics/ RNA, pharmacodynamics/ *SEX CHROMOSOMES/ SUCROSE/ TEMPERATURE/ TIME FACTORS/ YEAST, DRIED
1223. Falk JL, Tang M: Salbutamol and quinterenol: dipsogenic action produced by beta-adrenergic stimulants. *Pharmacol Biochem Behav* 2:413-5, May 74
*ADRENERGIC BETA RECEPTOR AGONISTS, pharmacodynamics/ ALBUTEROL, administration & dosage/ *ALBUTEROL, pharmacodynamics/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *DRINKING BEHAVIOR, drug effects/ *ETHANOLAMINES, pharmacodynamics/ FEEDING BEHAVIOR, drug effects/ INJECTIONS, SUBCUTANEOUS/ MALE/ QUINTERENOL, administration & dosage/ QUINTERENOL, pharmacodynamics
1224. Fall M, Balde I, Diadhlou F, et al: Syndrome de Wiedeman-Beckwith chez un nouveau-né (premier cas dakarois). *Bull Soc Med Afr Noire Lang Fr* 19:68-75, 1974 (Fre)
*ABNORMALITIES, MULTIPLE, diagnosis/ CEPHALOMETRY/ CONSANGUINITY/ EAR, EXTERNAL, abnormalities/ ENGLISH ABSTRACT/ FEMALE/ GIGANTISM, complications/ *GIGANTISM, congenital/ HUMAN/ HYPOGLYCEMIA, complications/ PEDIGREE/ SENEGAL/ SYNDROME/ *TONGUE, abnormalities/ UMBILICAL HERNIA, complications/ *UMBILICAL HERNIA, congenital/ UMBILICAL HERNIA, surgery
1225. Falvo KA, Root L, Bullough PG: Osteogenesis imperfecta: clinical evaluation and management. *J Bone Joint Surg [Am]* 56:783-93, Jun 74
BONE DISEASES, DEVELOPMENTAL, diagnosis/ DEAFNESS, diagnosis/ DENTINOGENESIS IMPERFECTA, diagnosis/ ECCHYMOSIS, diagnosis/ FEMALE/ FRACTURES, diagnosis/ HERNIA, diagnosis/ HUMAN/ MALE/ OSTEOGENESIS IMPERFECTA, congenital/ *OSTEOGENESIS IMPERFECTA, diagnosis/ OSTEOGENESIS IMPERFECTA, familial & genetic/ SCLERA, abnormalities/ SCOLIOSIS, diagnosis
1226. Falvo RE, Buhl A, Naibandov AV: Testosterone concentrations in the peripheral plasma of adrogenized female rats and in the estrous cycle of normal female rats. *Endocrinology* 95:26-9, Jul 74
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CASTRATION/ *ESTRUS/ FEMALE/ GEL FILTRATION/ IMMUNE SERUMS/ *OVARY, metabolism/ RADIOIMMUNOASSAY/ STANOLONE, metabolism/ *TESTOSTERONE, blood/ TRITIUM
1227. Farber M, Daoust PR, Rogers J: Hyperthecosis syndrome. *Obstet Gynecol* 44:35-41, Jul 74
CASTRATION/ ERYTHROCYTE COUNT/ FEMALE/ GONADOTROPINS, CHORIONIC, therapeutic use/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-KETOSTEROIDS, blood/ OVARY, pathology/ PHYSICAL EXAMINATION/ RADIOIMMUNOASSAY/ STEIN-LEVENTHAL SYNDROME, blood/ STEIN-LEVENTHAL SYNDROME, diagnosis/ STEIN-LEVENTHAL SYNDROME, drug therapy/ *STEIN-LEVENTHAL SYNDROME, pathology/ STEIN-LEVENTHAL SYNDROME, surgery/ TESTOSTERONE, blood
1228. Farid NR, Munro R, Row VV, et al: The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs. *Clin Endocrinol (Oxf)* 3:55-61, Jan 74
*CARBIMAZOLE, therapeutic use/ COMPARATIVE STUDY/ ERYTHROCYTES/ EVALUATION STUDIES/ FEMALE/ GOITER, EXOPHTHALMIC, blood/ *GOITER, EXOPHTHALMIC, diagnosis/ GOITER, EXOPHTHALMIC, drug therapy/ HUMAN/

AUTHOR SECTION

IODINE RADIOISOTOPES/ MALE/ METHODS/
*PROPYLTHIOURACIL, therapeutic use/
REMISSION/ RESINS/ SHEEP/ THYROID
GLAND, metabolism/ THYROID GLAND
FUNCTION TESTS/ THYROXINE, blood/
TIME FACTORS/ TRIIODOTHYRONINE, blood

1229. Farid NR, Munro R, Row VV, et al: The use of the E-rosette as a test for remission in Graves' disease treated with antithyroid drugs.

Clin Endocrinol (Oxf) 3:55-61, Jan 74
*CARBIMAZOLE, therapeutic use/ *GOITER,
EXOPHTHALMIC, drug therapy/ GOITER,
EXOPHTHALMIC, immunology/ GOITER,
EXOPHTHALMIC, metabolism/ HUMAN/
*IMMUNE ADHERENCE REACTION/ IODINE,
metabolism/ IODINE RADIOISOTOPES/
*PROPYLTHIOURACIL, therapeutic use/
REMISSION/ THYROID GLAND, metabolism/
THYROXINE, blood/ TIME FACTORS/
TRIIODOTHYRONINE, metabolism

1230. Farinelli A, Bagni B, Squerzanti R, et al: Comportamento delle curve intradialitiche dell'ARP in un gruppo di uremici in trattamento emodialitico periodico. Minerva Nefrol 20:376-89, Nov-Dec 73 (Ita)

ANGIOTENSIN, blood/ COMPUTERS,
DIGITAL/ *HEMODIALYSIS/ HUMAN/
RADIOIMMUNOASSAY/ *RENIN, blood/
*UREMIA, blood/ UREMIA, therapy

1231. Farkas M, Szabó E, Szabó J: Schwangerschaftsunterbrechung bei Jugendlichen. Fortschr Med 92:654-8, 23 May 74 (Ger)

*ABORTION, INDUCED/ ADOLESCENCE/ AGE
FACTORS/ ENGLISH ABSTRACT/ FEMALE/
GESTATIONAL AGE/ HUMAN/
JURISPRUDENCE/ MENARCHE/
PREGNANCY/ PREGNANCY, UNWANTED/
PROSTAGLANDINS/ SEX EDUCATION/ TIME
FACTORS

1232. Fatzer R, Müller R, Fankhauser R: Hyperplasie der epithalamischen Formationen bei einer Seychellen-Riesenschildkröte.

Schweiz Arch Tierheilkd 116:225-9, 1974 (Ger)
ANIMAL EXPERIMENTS/ ANIMALS, ZOO/
BRAIN DISEASES, pathology/ *BRAIN
DISEASES, veterinary/ *CHOROID PLEXUS,
pathology/ ENGLISH ABSTRACT/
HYPERPLASIA/ INDIAN OCEAN ISLANDS/
MALE/ *PINEAL BODY, pathology/
*TURTLES

1233. Favre L, Vallotton MB, Muller AF: Relationship between plasma concentrations of angiotensin I, angiotensin II and plasma renin activity during cardio-pulmonary bypass in man.

Eur J Clin Invest 4:135-40, Apr 74
ADOLESCENCE/ ADULT/ *ANGIOTENSIN,
blood/ *ANGIOTENSIN II, blood/
CHROMATOGRAPHY, THIN LAYER/
*EXTRACORPOREAL CIRCULATION/
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/
RADIOIMMUNOASSAY/ *RENIN, blood

1234. Fawcett DW, Dym M: A glycogen-rich segment of the tubuli recti and proximal portion of the rete testis in the guinea-pig. J Reprod Fertil 38:401-9, Jun 74

ANIMAL EXPERIMENTS/ CELL MEMBRANE/
CELL NUCLEUS/ CYTOPLASM/
GLUTARALDEHYDE/ *GLYCOGEN, analysis/
HISTOCYTOCHEMISTRY/ MALE/ METHODS/
MICROSCOPY, ELECTRON/ OSMIUM/ STAINS
AND STAINING/ *TESTIS, analysis

1235. Faye I, Privat Y, Ruscher H, et al: Maladie de Waldenström ou collagenose? Problèmes diagnostiques posés par une malade.

Bull Soc Med Afr Noire Lang Fr 18:466-9, 1973 (Fre)
ADRENAL CORTEX HORMONES, therapeutic
use/ ANTIMALARIALS, therapeutic use/
ARTHRITIS, etiology/ ASTHMA, etiology/
COUGH, etiology/ DIAGNOSIS,
DIFFERENTIAL/ DYSPNEA, etiology/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
IGM, analysis/ LEG ULCER, etiology/ LUNG
DISEASES/ LUPUS ERYTHEMATOSUS,
SYSTEMIC, blood/ *LUPUS
ERYTHEMATOSUS, SYSTEMIC, diagnosis/

LUPUS ERYTHEMATOSUS, SYSTEMIC, drug
therapy/ LUPUS ERYTHEMATOSUS,
SYSTEMIC, pathology/ LUPUS
ERYTHEMATOSUS, SYSTEMIC, radiography/
MACROGLOBULINEMIA, blood/
*MACROGLOBULINEMIA, diagnosis/
MACROGLOBULINEMIA, drug therapy/
MACROGLOBULINEMIA, pathology/
MACROGLOBULINEMIA, radiography/ SKIN,
pathology/ THORACIC RADIOGRAPHY

1236. Faye I, Ruscher H, Marchand JP, et al: Les difficultés du diagnostic des dermatoses bulleuses (à propos de trois observations).

Bull Soc Med Afr Noire Lang Fr 18:560-3, 1973 (Fre)
ADRENAL CORTEX HORMONES, therapeutic
use/ ANTIBIOTICS, adverse effects/
*DERMATITIS, diagnosis/ DERMATITIS,
immunology/ DERMATITIS HERPETFIFORMIS,
diagnosis/ DERMATITIS MEDICAMENTOSA,
diagnosis/ DERMATITIS MEDICAMENTOSA,
etiology/ DIAGNOSIS, DIFFERENTIAL/
DIHYDROSTREPTOMYCIN, therapeutic use/
ENGLISH ABSTRACT/ FLUORESCENT
ANTIBODY TECHNIC/ HUMAN/ MALE/
*PEMPHIGUS, diagnosis/ PEMPHIGUS, drug
therapy/ PEMPHIGUS, immunology/
PEMPHIGUS, pathology/ PENICILLIN, adverse
effects/ PENICILLIN G, BENZATHINE,
therapeutic use

1237. Fayemi AO, Williams J, Cuttner J: Systemic Weber-Christian disease and thrombocytopenia terminating in reticulum-cell sarcoma.

Am J Clin Pathol 62:88-93, Jul 74
ADIPOSE TISSUE, pathology/
AGAMMAGLOBULINEMIA, complications/
ARTERITIS, pathology/ ARTERITIS,
RHEUMATOID, complications/ AUTOPSY/
BLOOD PLATELET DISORDERS,
complications/ *BLOOD PLATELET
DISORDERS, pathology/
BRONCHOPNEUMONIA, pathology/ CASE
REPORT/ CHLORAMBUCIL, therapeutic use/
CHRONIC DISEASE/ COLON, pathology/
DEXAMETHASONE, therapeutic use/
FEMALE/ HEMATOPOIESIS/ HUMAN/ LUNG,
pathology/ LUNG DISEASES, OBSTRUCTIVE,
complications/ LYMPH NODES, pathology/
NECROSIS/ PANNICULITIS, NODULAR
NONSUPPURATIVE, complications/
*PANNICULITIS, NODULAR
NONSUPPURATIVE, pathology/ PHOSPHORUS
RADIOISOTOPES, therapeutic use/ SARCOMA,
RETICULUM CELL, etiology/ *SARCOMA,
RETICULUM CELL, pathology/ SARCOMA,
RETICULUM CELL, radiotherapy

1238. Fazekas AT, Homoki J, Teller WM: Influence of sex and age on the cortisol content of peripheral tissues and adrenal glands in the guinea-pig.

N Engl J Med 291:273-6, 11 Jun 74
*ADRENAL GLANDS, analysis/ AGE
FACTORS/ ANIMAL EXPERIMENTS/ BRAIN
CHEMISTRY/ BRAIN STEM, analysis/
FEMALE/ *HYDROCORTISONE, analysis/
HYDROCORTISONE, blood/ KIDNEY, analysis/
LIVER, analysis/ LUNG, analysis/ MALE/
MUSCLES, analysis/ MYOCARDIUM, analysis/
SEX FACTORS/ SPLEEN, analysis

1239. Fazylov UT, Pomerantseva MD: Mutagenic effect of radiation on mouse pronuclei.

Sov Genet 7:1425-9, 1 Feb 74
ANIMAL EXPERIMENTS/ CELL NUCLEUS/
CHROMOSOME ABERRATIONS/ FEMALE/
FERTILIZATION/ HETEROZYGOTE/ MALE/
*MICE, embryology/ *MUTATION/ *OVUM,
radiation effects/ PREGNANCY/ *RADIATION
GENETICS/ SEX CHROMOSOMES, radiation
effects/ SPERMATOZOA, radiation effects/
TIME FACTORS

1240. Fechter LD: Central serotonin involvement in the elaboration of the startle reaction in rats.

Pharmacol Biochem Behav 2:161-71, Mar-Apr 74
ANIMAL EXPERIMENTS/ *BRAIN,
metabolism/ BRAIN STEM, metabolism/
*CATECHOLAMINES, metabolism/ CEREBRAL
CORTEX, metabolism/ CORPUS STRIATUM,

AUTHOR SECTION

- metabolism/ DIENCEPHALON, metabolism/
DOPAMINE, metabolism/ HABITUATION
(PSYCHOPHYSIOLOGY), drug effects/
HYDROXYINDOLEACETIC ACID, metabolism/
MALE/ MONOAMINE OXIDASE INHIBITORS,
pharmacodynamics/ NOREPINEPHRINE,
metabolism/ RATS/ RESERPINE,
pharmacodynamics/ SEROTONIN, antagonists &
inhibitors/ SEROTONIN, pharmacodynamics/
*SEROTONIN, physiology/ SPECTROMETRY,
FLUORESCENCE/ *STARTLE REACTION,
drug effects
1241. Fedeeva MA, Giotova AV, Avanesova EG: Proba s
dezokskortikosterona atsetatom v diagnostike
mukovistsidoza u detef.
Pediatria 3:8-12, Mar 74 (Rus)
ADOLESCENCE/ ADULT/ CHILD/ CHILD,
PRESCHOOL/ *CYSTIC FIBROSIS, diagnosis/
CYSTIC FIBROSIS, familial & genetic/
*DESOXYCORTICOSTERONE, diagnostic use/
DIET, SALT-FREE/ ENGLISH ABSTRACT/
HETEROZYGOTE/ HUMAN/ INFANT/
SODIUM, analysis/ SWEAT, analysis
1242. Feder HH, Morin LP: Suppression of lordosis in guinea
pigs by ethamoxy-triphetol (MER-25) given at long
intervals (34-46 hr) after estradiol benzoate
treatment. Horm Behav 5:63-71, Mar 74
ALCOHOL, ETHYL, administration & dosage/
*ALCOHOL, ETHYL, pharmacodynamics/
ANIMAL EXPERIMENTS/ CASTRATION/
DEPRESSION, CHEMICAL/ DIETHYLAMINES,
administration & dosage/ DIETHYLAMINES,
pharmacodynamics/ ESTRADIOL, administration
& dosage/ *ESTRADIOL, pharmacodynamics/
*ESTROGENS, antagonists & inhibitors/
FEMALE/ GUINEA PIGS/ INJECTIONS,
INTRAPERITONEAL/ INJECTIONS,
SUBCUTANEOUS/ OVARY, physiology/
PHENYL ETHERS, administration & dosage/
PHENYL ETHERS, pharmacodynamics/
POSTURE/ PROGESTERONE, administration &
dosage/ PROGESTERONE, pharmacodynamics/
SESAME OIL, administration & dosage/ *SEX
BEHAVIOR, ANIMAL, drug effects/
STIMULATION, CHEMICAL/ TIME FACTORS
1243. Federspil G, Casara D, Pedrazzoli S, et al: In vivo
studies on 5-hydroxytryptamine and insulin secretion
in dogs and in man. Diabetologia 10:13-7, Feb 74
ANIMAL EXPERIMENTS/ BLOOD SUGAR,
metabolism/ DRUG SYNERGISM/ FASTING/
FEMALE/ GLUCOSE TOLERANCE TEST/
HUMAN/ INJECTIONS, INTRA-ARTERIAL/
*INSULIN, secretion/ MALE/ PANCREAS,
blood supply/ PANCREAS, drug effects/
PANCREAS, secretion/ SEROTONIN,
administration & dosage/ *SEROTONIN,
pharmacodynamics
1244. Fehér T, Halmy L: A comparative study of
dehydroepiandrosterone and
dehydroepiandrosterone sulphate dynamics by the
"urinary" and "blood approach" under physiological
conditions. Acta Endocrinol (Kbh) 75:314-24, Feb 74
ADOLESCENCE/ ADULT/ BODY HEIGHT/
BODY WEIGHT/ CARBON RADIOISOTOPES/
CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/
DEHYDROEPIANDROSTERONE, blood/
*DEHYDROEPIANDROSTERONE, metabolism/
DEHYDROEPIANDROSTERONE, urine/
FEMALE/ HUMAN/ METABOLIC CLEARANCE
RATE/ SULFATES, metabolism/ TRITIUM/
URINATION/ URINE, analysis
1245. Fehrents D, Schröder-Babo P, Canzler R, et al: Einfluss
natürlicher Knochen auf die Dosierverteilung bei
Elektronen und Photonen bis zu 42 Me.
Strahlentherapie 146:644-56, Dec 73 (Ger)
ANIMAL EXPERIMENTS/ *BONE AND
BONES, radiation effects/ COBALT
RADIOISOTOPES/ *ELECTRONS/
ELEMENTARY PARTICLES/ ENGLISH
ABSTRACT/ HUMAN/ *NUCLEAR PHYSICS/
*RADIATION DOSAGE/ RADIOISOTOPE
TELETERAPY/ RADIOTHERAPY, HIGH
ENERGY/ SWINE
1246. Feiner RH: Letter: Treatment of hypercalcemia after
renal transplantation. N Engl J Med 291:257-8, 1 Aug 74
ADMINISTRATION, ORAL/ HUMAN/
*HYPERCALCEMIA, drug therapy/
HYPERCALCEMIA, etiology/ *KIDNEY,
transplantation/ PARATHYROID HORMONE,
secretion/ *PHOSPHATES, administration &
dosage/ PHOSPHATES, therapeutic use/
POSTOPERATIVE COMPLICATIONS/
TRANSPLANTATION, HOMOLOGOUS
1247. Feinman RD, Detwiler TC: Platelet secretion induced
by divalent cation ionophores.
Nature 249:172-3, 10 May 74
*ADENOSINE TRIPHOSPHATE, secretion/
*ANTIBIOTICS, pharmacodynamics/
BENZOATES, pharmacodynamics/ *BLOOD
PLATELETS, drug effects/ BLOOD
PLATELETS, metabolism/ *CALCIUM,
metabolism/ CARBOXYLIC ACIDS,
pharmacodynamics/ HUMAN/ THROMBIN,
pharmacodynamics
1248. Feist DD, Galster WA: Changes in hypothalamic
catecholamines and serotonin during hibernation and
arousal in the arctic ground squirrel.
Comp Biochem Physiol [A] 48:653-62, 1 Aug 74
ADIPOSE TISSUE/ ANIMAL EXPERIMENTS/
*AROUSAL/ BODY TEMPERATURE/ BODY
WEIGHT/ CEREBELLUM, metabolism/ COLD
CLIMATE/ COLON/ COMPARATIVE STUDY/
*EPINEPHRINE, metabolism/ FEMALE/
*HIBERNATION/ *HYPOTHALAMUS,
metabolism/ MALE/ MEDULLA OBLONGATA,
metabolism/ *NOREPINEPHRINE, metabolism/
ORGAN WEIGHT/ PONS, metabolism/
SEASONS/ *SEROTONIN, metabolism/
*SQUIRRELS, metabolism/ TEMPERATURE/
TIME FACTORS
1249. Feldmann HU, Pfeiffer R, Hirsche H: Zur
Hormonabhängigkeit der
gamma-Glutamyl-Transpeptidase.
Dtach Med Wochenschr 99:1171-4, 31 May 74 (Ger)
CONTRACEPTIVES, ORAL, administration &
dosage/ *CONTRACEPTIVES, ORAL,
metabolism/ DEPRESSION, CHEMICAL/
ENGLISH ABSTRACT/ ENZYME TESTS/
ESTROGENS, administration & dosage/
ETHINYL ESTRADIOL, metabolism/ FEMALE/
*GLUTAMYL TRANSPEPTIDASE, blood/
HUMAN/ *LIVER DISEASES, diagnosis/
MESTRANOL, metabolism/ NORETHINDRONE,
metabolism/ *PREGNANCY/
PROGESTATIONAL HORMONES,
administration & dosage/ PROGESTATIONAL
HORMONES, metabolism/ STIMULATION,
CHEMICAL
1250. Felicetti SA, Thomas RG, McClellan RO: Metabolism of
two valence states of inhaled antimony in hamsters.
Am Ind Hyg Assoc J 35:292-300, May 74
ANIMAL EXPERIMENTS/ ANTIMONY,
administration & dosage/ ANTIMONY,
analysis/ ANTIMONY, blood/ *ANTIMONY,
metabolism/ ANTIMONY, urine/
ATMOSPHERE EXPOSURE CHAMBERS/
BONE AND BONES, metabolism/
CHEMISTRY/ ENVIRONMENTAL EXPOSURE/
ERYTHROCYTES, analysis/ FECES, analysis/
GASTROINTESTINAL SYSTEM, metabolism/
HAIR, metabolism/ HAMSTERS/
INTUBATION, GASTROINTESTINAL/ LIVER,
metabolism/ RADIOISOTOPES/
SCINTILLATION COUNTERS/ SKIN,
metabolism/ TARTRATES, administration &
dosage/ TARTRATES, metabolism/ TIME
FACTORS/ WHOLE BODY COUNTERS
1251. Felicetti SW, Thomas RG, McClellan RO: Retention of
inhaled antimony-124 in the beagle dog as a function of
temperature of aerosol formation.
Health Phys 26:515-31, Jun 74
AEROSOLS/ ANIMAL EXPERIMENTS/
*ANTIMONY/ ANTIMONY, analysis/ BODY
BURDEN/ BONE AND BONES, analysis/
FEMUR, analysis/ LIVER, analysis/ *LUNG/
LUNG, analysis/ PARTICLE SIZE/
PULMONARY ALVEOLI, physiology/
*RADIOISOTOPES/ RADIOISOTOPES, analysis/

AUTHOR SECTION

- SKIN, analysis/ TEMPERATURE/ THYROID GLAND, analysis/ WHOLE BODY COUNTERS
1252. **Felig P:** Maternal and fetal fuel homeostasis in human pregnancy. *Am J Clin Nutr* 26:998-1005, Sep 73 (37 ref.)
ACETOACETATES, blood/ ACETONE, urine/
AMINO ACIDS, metabolism/ AMNIOTIC FLUID, metabolism/ BLOOD SUGAR, metabolism/ BODY WEIGHT/ DIET, REDUCING, adverse effects/ FASTING/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ *FETUS, metabolism/
GLUCONEOGENESIS/ GLUCOSE, metabolism/ GONADOTROPINS, CHORIONIC, blood/ GONADOTROPINS, CHORIONIC, secretion/ HOMEOSTASIS/ HUMAN/
HYDROXYBUTYRATES, blood/ INSULIN, blood/ KETO ACIDS, metabolism/
*METABOLISM/ PLACENTA, metabolism/
*PREGNANCY/ REVIEW/ SOMATOTROPIN, blood/ SOMATOTROPIN, secretion
1253. **Felix A, Capek V, Pashayan HM:** The neck in the XO and XX-XO mosaic Turner's syndrome. *Clin Genet* 5:77-80, Jan 74
CAUCASIAN RACE/ *CERVICAL VERTEBRAE, abnormalities/ CERVICAL VERTEBRAE, radiography/ FEMALE/ HUMAN/ KARYOTYPING/ *MOISAICISM/ NEGROID RACE/ *SEX CHROMOSOME ABNORMALITIES/ *TURNER'S SYNDROME, familial & genetic
1254. **Felix R, Fleisch H:** The pyrophosphatase and (Ca²⁺-Mg²⁺)-ATPase activity of purified calf bone alkaline phosphatase. *Biochim Biophys Acta* 350:84-94, 20 May 74
ADENOSINE TRIPHOSPHATASE, isolation & purification/ *ADENOSINE TRIPHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, isolation & purification/ *ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *BONE AND BONES, enzymology/ CALCIUM, pharmacodynamics/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPARATIVE STUDY/ FEMUR, enzymology/ GEL FILTRATION/ HUMERUS, enzymology/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MAGNESIUM, pharmacodynamics/ PHOSPHATES, pharmacodynamics/ PHOSPHONIC ACIDS, pharmacodynamics/ PHOSPHORUS RADIOISOTOPES/ PYROPHOSPHATASES, isolation & purification/
*PYROPHOSPHATASES, metabolism/
SPECTROPHOTOMETRY
1255. **Femino AM, Longcope C, Patrick JE, et al:** Catechol estrogen methylene ethers. *Steroids* 23:869-78, Jun 74
CARBON RADIOISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ DIOXOLES, chem synthesis/ DIOXOLES, urine/ *ESTRADIOL, chem synthesis/ ESTRADIOL, urine/ *ESTRONE, chem synthesis/ ESTRONE, urine/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ METHYL ETHERS, chem synthesis/ METHYL ETHERS, urine/ TRITIUM
1256. **Fendler JP, Baviéra E, Baglin A, et al:** Calcifications cardiaques macroscopiques et autres métastases calciques chez un hémodialysé chronique. *Ann Med Interne (Paris)* 124:799-806, Nov 73 (Fre)
ANGIOCARDIOGRAPHY/ AUTOPSY/ BONE AND BONES, radiography/ *CALCINOSIS, complications/ CALCINOSIS, radiography/ CASE REPORT/ *EHLERS-DANLOS SYNDROME, complications/ HEMODIALYSIS/ HUMAN/ *HYPERPARATHYROIDISM, SECONDARY, complications/ *KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, therapy/ MALE/ *MYOCARDIAL DISEASES, SECONDARY, complications/ MYOCARDIAL DISEASES, SECONDARY, pathology/ MYOCARDIUM, pathology
1257. **Fentanes de Torres E:** Letter: Feminization in tumors of Sertoli-Leydig cells. *Acta Cytol (Baltimore)* 18:187-9, May-Jun 74
- ENDOMETRIUM, pathology/ FEMALE/ HORMONES, ECTOPIC/ HUMAN/ *LEYDIG CELL TUMOR, pathology/ MENOPAUSE/ *OVARIAN NEOPLASMS, pathology/ *SERTOLI CELL TUMOR, pathology/ VAGINAL SMEARS
1258. **Fenwick JC:** The corpuscles of stannius and calcium regulation in the North American eel (*Anguilla rostrata* LeSueur). *Gen Comp Endocrinol* 23:127-35, Jun 74
*ANGUILLA, physiology/ ANIMAL EXPERIMENTS/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ *ENDOCRINE GLANDS, physiology/ ENVIRONMENTAL EXPOSURE/ FEMALE/ *KIDNEY, physiology
1259. **Fenwick JC:** The comparative in vitro release of calcium from dried and defatted eel and rat bone fragments, and its possible significance to calcium homeostasis in teleosts. *Can J Zool* 52:755-64, Jun 74
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ *CALCIUM, metabolism/ COMPARATIVE STUDY/ *EELS, metabolism/ FEMALE/ *HOMEOSTASIS/ IN VITRO
1260. **Ferenczy A, Richart RM:** Scanning electron microscopy of human female genital tract. *NY State J Med* 74:794-802, May 74
ADENOCARCINOMA, pathology/ ADENOCARCINOMA, PAPILLARY, pathology/ ADOLESCENCE/ ADULT/ AGED/ CERVIX UTERI, pathology/ CYSTADENOMA, pathology/ ENDOMETRIUM, cytology/ ENDOMETRIUM, pathology/ EPITHELIAL CELLS/ ESTROGENS, physiology/ FALLOPIAN TUBES, cytology/ FALLOPIAN TUBES, secretion/ FEMALE/ FIBROMA, pathology/ *GENITALIA, FEMALE, cytology/ GYNECOLOGIC NEOPLASMS, pathology/ HUMAN/ HYPERPLASIA, pathology/ INTESTINAL MUCOSA, cytology/ MICROSCOPY, ELECTRON, SCANNING/ MIDDLE AGE/ NEOPLASM METASTASIS/ OVARY, cytology/ OVARY, pathology/ PLACENTA, cytology/ PREGNANCY
1261. **Ferguson DR, Twite BR:** Effects of vasopressin on toad bladder membrane proteins: relationship to transport of sodium and water. *J Endocrinol* 61:501-7, Jun 74
ANIMAL EXPERIMENTS/ *BLADDER, drug effects/ BUFO MARINUS/ CELL MEMBRANE, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTRIC CONDUCTIVITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ IN VITRO/ MOLECULAR WEIGHT/ OXIDATIVE PHOSPHORYLATION/ PROTEINS, metabolism/ *SODIUM, metabolism/ *VASOPRESSIN, pharmacodynamics/ *WATER, metabolism
1262. **Ferguson TM, Scott JT, Miller DH, et al:** Bone strength of caged layers as affected by Portland cement and sodium bicarbonate. *Poult Sci* 53:303-7, Jan 74
ALUMINUM, metabolism/ ANIMAL EXPERIMENTS/ ANIMAL FEED/ *BICARBONATES, metabolism/ BIOMECHANICS/ *BONE AND BONES, physiology/ CALCIUM, DIETARY, metabolism/ *CHICKENS, metabolism/ CONSTRUCTION MATERIALS/ DIET/ EGGS/ FEMALE/ *HOUSING, ANIMAL/ IRON, metabolism/ MAGNESIUM OXIDE, metabolism/ MINERALS, metabolism/ OVIPOSITION/ OXIDES, metabolism/ RADIUS, physiology/ SILICON, metabolism/ SODIUM, metabolism/ SULFITES, metabolism
1263. **Ferguson WW, Starling JR, Wangenstein SL:** Role of lysosomal enzyme release in the pathogenesis of stress-induced gastric ulceration. *Surg Forum* 23:380-2, 1972
ANIMAL EXPERIMENTS/ GASTRIC MUCOSA, enzymology/ *LYSOSOMES, enzymology/ METHYLPREDNISOLONE, pharmacodynamics/ *STOMACH ULCER, etiology/ *STRESS, complications
1264. **Ferrendelli JA, Chang MM, Kinscherf DA:** Elevation of cyclic GMP levels in central nervous system by

AUTHOR SECTION

- excitatory and inhibitory amino acids.
J Neurochem 22:535-40, Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ *AMINOBUTYRIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CEREBELLUM, drug effects/ *CEREBELLUM, metabolism/ DEPRESSION, CHEMICAL/ *GLUTAMATES, pharmacodynamics/ *GLYCINE, pharmacodynamics/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ IN VITRO/ MICE/ POTASSIUM, pharmacodynamics/ RADIOIMMUNOASSAY/ SODIUM CHLORIDE, pharmacodynamics/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics
- 1265. Fertel R, Weiss B:** A microassay for guanosine 3',5'-monophosphate phosphodiesterase activity. *Anal Biochem* 59:386-98, Jun 74
ADENOSINE TRIPHOSPHATE, analysis/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CATALYSIS/ CAUDATE NUCLEUS, enzymology/ EVALUATION STUDIES/ GUANINE NUCLEOTIDES, metabolism/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, isolation & purification/ HEAT/ HYDROLYSIS/ KIDNEY, enzymology/ KINETICS/ LIVER, enzymology/ LUCIFERASE/ LUCIFERIN/ LUNG, enzymology/ MALE/ MICROCHEMISTRY/ *PHOSPHODIESTERASES, analysis/ PHOSPHODIESTERASES, metabolism/ PHOSPHOTRANSFERASES, ATP, metabolism
- 1266. Fialkow PJ:** Human genetic markers as tracers of tumour histogenesis. *J Clin Pathol [Suppl]* 7:11-5, 1974
BURKITT'S LYMPHOMA, enzymology/ CARCINOMA, pathology/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CHROMOSOME ABERRATIONS/ CHROMOSOMES, HUMAN, 21-22/ CLONE CELLS/ FEMALE/ *GLUCOSEPHOSPHATE DEHYDROGENASE/ HUMAN/ LEIOMYOMA, enzymology/ LEUKEMIA, MYELOCYTIC, enzymology/ LEUKEMIA, MYELOCYTIC, familial & genetic/ *LINKAGE (GENETICS)/ *NEOPLASMS, familial & genetic/ NEOPLASMS, pathology/ PHENOTYPE/ SEX CHROMOSOMES/ UTERINE NEOPLASMS, enzymology
- 1267. Fialkow PJ:** The origin and development of human tumors studied with cell markers. *N Engl J Med* 291:26-35, 4 Jul 74 (14 ref.)
CLONE CELLS/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HUMAN/ IMMUNOGLOBULINS, biosynthesis/ LEUKEMIA, etiology/ LEUKEMIA, MYELOCYTIC, etiology/ LYMPHOMA, immunology/ MOSAICISM/ NEOPLASM METASTASIS/ *NEOPLASMS, etiology/ NEOPLASMS, familial & genetic/ NEOPLASMS, immunology/ ONCOGENIC VIRUSES/ REVIEW/ SEX CHROMOSOMES/ THYROID HORMONES, secretion/ THYROID NEOPLASMS, etiology
- 1268. Fiasse R, Collignon R, Bietlot A, et al:** Le traitement des hépatites fulminantes avec coma par exsanguino-transfusions. Etude de 9 patients dont 1 a présenté des séquelles neurologiques au niveau des fonctions corticales. *Acta Gastroenterol Belg* 37:12-39, Jan 74 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ AGNOSIA, etiology/ ANTIBIOTICS, therapeutic use/ BRAIN, pathology/ *CEREBRAL CORTEX, pathology/ DOPA, therapeutic use/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ *EXCHANGE TRANSFUSION/ FEMALE/ HEPATIC COMA, diagnosis/ HEPATIC COMA, drug therapy/ HEPATIC COMA, pathology/ *HEPATIC COMA, therapy/ HEPATITIS, INFECTIOUS, drug therapy/ HEPATITIS, INFECTIOUS, pathology/ *HEPATITIS, INFECTIOUS, therapy/ HUMAN/ LIVER, pathology/ MALE/ SPEECH DISORDERS, etiology
- 1269. Fibiger HC, Phillips AG, Zis AP:** Deficits in instrumental responding after 6-hydroxydopamine lesions of the nigro-neostriatal dopaminergic projection. *Pharmacol Biochem Behav* 2:87-96, Jan-Feb 74
ANIMAL EXPERIMENTS/ APPETITIVE BEHAVIOR, drug effects/ *AVOIDANCE LEARNING, drug effects/ BEHAVIOR, ANIMAL, drug effects/ *CONDITIONING, OPERANT, drug effects/ CORPUS STRIATUM, analysis/ *CORPUS STRIATUM, drug effects/ CORPUS STRIATUM, enzymology/ DEPRESSION, CHEMICAL/ DRINKING BEHAVIOR, drug effects/ ELECTROSHOCK/ *HYDROXYDOPAMINE, pharmacodynamics/ HYPOTHALAMUS, analysis/ MALE/ NOREPINEPHRINE, analysis/ RATS/ STEREOTAXIC TECHNIQUES/ SUBSTANTIA NIGRA, anatomy & histology/ *SUBSTANTIA NIGRA, drug effects/ TIME FACTORS/ TYROSINE HYDROXYLASE, metabolism
- 1270. Fichman MP, Michelakis AM, Horton R:** Regulation of aldosterone in the syndrome of inappropriate antidiuretic hormone secretion (SIADH). *J Clin Endocrinol Metab* 39:136-44, Jul 74
***ALDOSTERONE**, blood/ ANGIOTENSIN, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ DIET, SALT-FREE/ *HORMONES, ECTOPIC, secretion/ HUMAN/ HYDROCORTISONE, blood/ MALE/ NATRIURESIS/ POTASSIUM, blood/ RADIOIMMUNOASSAY/ RENIN, blood/ SODIUM, blood/ SPIRONOLACTONE, pharmacodynamics/ SYNDROME/ VASOPRESSIN, pharmacodynamics/ *VASOPRESSIN, secretion/ WATER DEPRIVATION
- 1271. Fidge N:** A review of methods and metabolic studies associated with the radiolodination of lipoproteins. *Clin Chim Acta* 52:5-13, Mar 74 (45 ref.)
ANIMAL EXPERIMENTS/ BLOOD PROTEINS/ CHLORAMINES/ COMPARATIVE STUDY/ ESTROGENS, pharmacodynamics/ EVALUATION STUDIES/ FEMALE/ HALF-LIFE/ HORMONES, blood/ HUMAN/ INSULIN, blood/ *IODINE RADIOISOTOPES/ ISOTOPE LABELING/ *LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, HDL, metabolism/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, LDL, metabolism/ LIPOPROTEINS, VLDL, blood/ LIPOPROTEINS, VLDL, metabolism/ MALE/ METHODS/ PEPTIDES, blood/ RADIOIMMUNOASSAY/ RATS/ REVIEW
- 1272. Field CA:** Adnexal masses: report of two cases. *Nebr Med J* 57:81-7, Mar 72
***ADNEXAL DISEASES**, diagnosis/ ADNEXAL DISEASES, pathology/ FALLOPIAN TUBES, pathology/ FEMALE/ HUMAN/ MULLERIAN DUCTS, physiopathology/ OVARY, pathology/ *PREGNANCY, ECTOPIC, diagnosis/ PREGNANCY, ECTOPIC, pathology
- 1273. Field HJ, Hill TJ:** The pathogenesis of pseudorabies in mice following peripheral inoculation. *J Gen Virol* 23:145-57, May 74
ADRENAL GLANDS, microbiology/ ANIMAL EXPERIMENTS/ CELIAC PLEXUS, microbiology/ CEREBELLUM, microbiology/ FEMORAL NERVE, physiology/ GANGLIA, AUTONOMIC, microbiology/ GROWTH SUBSTANCES/ HEART, microbiology/ *HERPESVIRUS, isolation & purification/ IMMUNE SERUMS/ KIDNEY, microbiology/ LIVER, microbiology/ MEDULLA OBLONGATA, microbiology/ MICE/ *PSEUDORABIES, microbiology/ SCIATIC NERVE, microbiology/ SCIATIC NERVE, physiology/ SPINAL CORD, microbiology/ SPINAL NERVE ROOTS, microbiology/ SPLEEN, microbiology/ SUBMANDIBULAR GLAND/ TIME FACTORS
- 1274. Field M:** Intestinal secretion. *Gastroenterology* 66:1063-84, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADRENERGIC BETA RECEPTOR

AUTHOR SECTION

BLOCKADERS, pharmacodynamics/ AMINO ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ CARBOHYDRATES, pharmacodynamics/ CATECHOLAMINES, pharmacodynamics/ CELL MEMBRANE PERMEABILITY/ CHLORIDES, metabolism/ *CHOLERA, physiopathology/ *COLON, secretion/ ENTEROTOXINS, pharmacodynamics/ HUMAN/ HYDROSTATIC PRESSURE/ INTESTINAL MUCOSA, cytology/ INTESTINAL MUCOSA, enzymology/ *INTESTINAL MUCOSA, secretion/ *INTESTINAL SECRETIONS, drug effects/ INTESTINE, SMALL, cytology/ *INTESTINE, SMALL, secretion/ MODELS, BIOLOGICAL/ OSMOLAR CONCENTRATION/ OSMOTIC PRESSURE/ POTENTIOMETRY/ *PRESSURE/ SODIUM, metabolism/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ WATER-ELECTROLYTE BALANCE

1275. el-Fiky SM, Kolkalla AM, Dawd DS, et al: Histochemical aspects of hydatidiform mole and choriocarcinoma. *Acta Histochem (Jena)* 47:115-23, 1973

*CHORIOCARCINOMA, metabolism/ CHORIOCARCINOMA, pathology/ *DNA, NEOPLASM, biosynthesis/ FEMALE/ GLYCOGEN, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYDATIDIFORM MOLE, metabolism/ HYDATIDIFORM MOLE, pathology/ *NEOPLASM PROTEINS, biosynthesis/ *RNA, NEOPLASM, biosynthesis/ STAINS AND STAINING

1276. Filaretov AA, Ermakov EM: Vliyanie gidrokortizona na mnogofonnuu aktivnost' retikularnoi formatsii srednego mozga.

Fiziol Zh SSSR 59:1878-82, Nov 73 (Rus)

ADRENAL CORTEX HORMONES, blood/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ EVOKED POTENTIALS, drug effects/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ MALE/ *MESENCEPHALON, drug effects/ MICROELECTRODES/ MOTOR NEURONS, drug effects/ *NEURONS, drug effects/ *RETICULAR FORMATION, drug effects/ SPECTROMETRY, FLUORESCENCE/ TIME FACTORS

1277. Filipowicz K: Wplyw deaminoksytyocyny na ilość utracanej krwi w trzecim okresie porodu. *Folia Med Cracov* 16:217-34, 1974 (Pol)

ADULT/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, prevention & control/ HEMORRHAGE, POSTPARTUM, drug therapy/ HUMAN/ *LABOR, drug effects/ METHYLERGONOVINE, pharmacodynamics/ *OXYTOCIN/ OXYTOCIN, therapeutic use/ PARITY/ PREGNANCY/ TIME FACTORS/ *UTERUS, drug effects

1278. Finco DR: Biopsy of the testicle.

Vet Clin North Am 4:377-81, May 74

ANESTHESIA, GENERAL/ ANIMAL EXPERIMENTS/ ATROPHY/ BIOPSY, adverse effects/ *BIOPSY, veterinary/ BIOPSY, NEEDLE, veterinary/ CASTRATION/ CAT DISEASES, pathology/ CATS/ DOG DISEASES, pathology/ DOGS/ EJACULATION/ HEMORRHAGE, veterinary/ MALE/ METHODS/ ORCHITIS, etiology/ ORCHITIS, veterinary/ SEMEN, cytology/ TESTICULAR DISEASES, pathology/ TESTICULAR DISEASES, veterinary/ *TESTIS, pathology

1279. Fine DL, Plowman JK, Kelley SP, et al: Enhanced production of mouse mammary tumor virus in dexamethasone-treated, 5-iododeoxyuridine-stimulated mammary tumor cell cultures. *J Natl Cancer Inst* 52:1881-8, Jun 74

ANTIGENS, VIRAL, analysis/ CELLS, CULTURED/ *DEOXYURIDINE,

pharmacodynamics/ *DEXAMETHASONE, pharmacodynamics/ *MAMMARY CANCER VIRUS, drug effects/ MAMMARY CANCER VIRUS, immunology/ MAMMARY NEOPLASMS, EXPERIMENTAL, enzymology/ MAMMARY NEOPLASMS, EXPERIMENTAL, immunology/ *MAMMARY NEOPLASMS, EXPERIMENTAL, microbiology/ MICE, INBRED C3H/ REVERSE TRANSCRIPTASE, metabolism/ *VIRUS REPLICATION, drug effects

1280. Fineberg SE, Merimee TJ: Acute metabolic effects of human growth hormone. *Diabetes* 23:499-504, Jun 74

ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, metabolism/ ARTERIES/ BLOOD FLOW VELOCITY/ BLOOD SUGAR, metabolism/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ FOREARM, blood supply/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ MALE/ PERFUSION/ POTASSIUM, blood/ SOMATOTROPIN, administration & dosage/ SOMATOTROPIN, blood/ *SOMATOTROPIN, pharmacodynamics/ TIME FACTORS/ VEINS

1281. Fingerman M, Fingerman SW, Hammond RD:

Comparison of red pigment-concentrating hormones from the eyestalks of the fiddler crab, *Uca pugnator*, and the prawn, *Palaemonetes vulgaris*, with synthetic red pigment-concentrating hormone of *Pandalus borealis*. *Gen Comp Endocrinol* 23:124-6, May 74

ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ CRABS, physiology/ *CRUSTACEA, physiology/ *INVERTEBRATE HORMONES, analysis/ *NEUROSECRETORY SYSTEMS, secretion/ PIGMENTS

1282. Finkinshtein IaD, Aikman RI, Terner Ala, et al: Reflektornyi mekhanizm regulatsii kalievogo gomeostaza.

Fiziol Zh SSSR 59:1429-36, Sep 73 (Rus)

ANIMAL EXPERIMENTS/ CATHETERIZATION/ DIURESIS/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ FISTULA/ GLOMERULAR FILTRATION RATE/ *HOMEOSTASIS/ HYPOPHYSECTOMY/ MALE/ PITUITARY GLAND, physiology/ POTASSIUM, analysis/ *POTASSIUM, physiology/ POTASSIUM CHLORIDE, pharmacodynamics/ RECEPTORS, NEURAL, physiology/ *REFLEX/ SODIUM, analysis/ SPLENIC VEIN, physiology/ STOMACH, physiology/ STOMACH, surgery/ TIME FACTORS/ URETER, physiology/ URETER, surgery

1283. Finlay MF: Comparative responses of *Peromyscus* (white-footed mice) to estradiol benzoate.

Comp Biochem Physiol [A] 48:229-36, 1 Jun 74

ANIMAL EXPERIMENTS/ BENZOATES, pharmacodynamics/ CASTRATION/ COMPARATIVE STUDY/ DNA, analysis/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ MICE, metabolism/ *MICE, physiology/ ORGAN WEIGHT/ OVARY, physiology/ RATS/ RNA, analysis/ UTERUS, analysis/ *VAGINA, drug effects

1284. Finn JE, Mount LA: Meningiomas of the tuberculum sellae and planum sphenoidale. A review of 83 cases. *Arch Ophthalmol* 92:23-7, Jul 74

CEREBRAL ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ ENDOCRINE DISEASES, diagnosis/ EYE MANIFESTATIONS/ FEMALE/ HEADACHE, diagnosis/ HUMAN/ MALE/ MENINGIOMA, cerebrospinal fluid/ *MENINGIOMA, diagnosis/ MENINGIOMA, radiography/ MENINGIOMA, surgery/ NEOPLASM RECURRENCE, LOCAL/ NEUROLOGIC EXAMINATION/ PNEUMOENCEPHALOGRAPHY/ SKULL NEOPLASMS, cerebrospinal fluid/ *SKULL NEOPLASMS, diagnosis/ SKULL NEOPLASMS, radiography/ SKULL NEOPLASMS, surgery/ *SPHENOID BONE/ SPHENOID BONE,

AUTHOR SECTION

- radiography/ TOMOGRAPHY, RADIOGRAPHIC/
VISION DISORDERS, diagnosis
1285. Finn R, Hill CA: Letter: Immunological changes in women. *Lancet* 1:1050, 25 May 74
AUTOIMMUNE DISEASES/
CONTRACEPTIVES, ORAL, pharmacodynamics/
FEMALE/ GENITALIA, FEMALE, immunology/
HUMAN/ *IMMUNITY/ IMMUNITY,
CELLULAR/ NEOPLASMS, immunology/
NEOPLASMS, occurrence/ PREGNANCY/
REPRODUCTION
1286. Fisch RO, Prem KA, Feinberg SB, et al: Acromegaly in a gravida and her infant. *Obstet Gynecol* 43:861-6, Jun 74
*ABNORMALITIES, MULTIPLE, etiology/
ACROMEGALY, diagnosis/ *ACROMEGALY,
familial & genetic/ ADENOMA, complications/
BIOPSY/ CHILD, PRESCHOOL/
ENDOMETRIUM, pathology/
EXTRACHROMOSOMAL INHERITANCE/
FEMALE/ FETAL DISEASES, etiology/
HIRSUTISM, etiology/ HUMAN/ INFANT,
NEWBORN/ LABOR/ MALE/
MATERNAL-FETAL EXCHANGE/ MENTAL
RETARDATION, etiology/ OVARY, pathology/
PITUITARY NEOPLASMS, complications/
PREGNANCY/ *PREGNANCY
COMPLICATIONS/ PUERPERIUM/ SCOLIOSIS,
etiology/ SOMATOTROPIN, secretion
1287. Fischer E: Histochemische Untersuchungen über die metabolische Aktivität der Chloragosomen von *Lumbricus terrestris*.
Acta Histochem (Jena) 46:1-9, 1973 (Ger)
ACID PHOSPHATASE, metabolism/
ACRIDINES/ ADENOSINE TRIPHOSPHATASE,
metabolism/ ANIMAL EXPERIMENTS/
CHROMAFFIN SYSTEM, enzymology/
CHROMAFFIN SYSTEM, metabolism/ DOPA/
EARTHWORMS, cytology/ *EARTHWORMS,
metabolism/ ENGLISH ABSTRACT/
ESTERASES, metabolism/
GASTROINTESTINAL SYSTEM, cytology/
HISTOCYTOCHEMISTRY/ HYDROLYSIS/
OXIDOREDUCTASES, metabolism/
PEROXIDASES, metabolism/ *PIGMENTS,
metabolism/ STAINS AND STAINING
1288. Fischer H: Mykosis fungoides.
Med Klin 69:615, 5 Apr 74 (Ger)
ANTINEOPLASTIC AGENTS, therapeutic use/
GLUCOCORTICOIDS, TOPICAL, therapeutic
use/ HUMAN/ MYCOSIS FUNGOIDES, drug
therapy/ MYCOSIS FUNGOIDES, radiotherapy/
*MYCOSIS FUNGOIDES, therapy/
RADIOTHERAPY DOSAGE/ SKIN
NEOPLASMS, drug therapy/ SKIN
NEOPLASMS, radiotherapy/ *SKIN
NEOPLASMS, therapy/ ULTRAVIOLET
THERAPY
1289. Fischer HU, Schütze I, Bannert N: Krampfauslösende Hypoglykämien im Kindesalter.
Z Aeztl Fortbild (Jena) 68:2-7, Jan 74 (Ger)
BLOOD SUGAR/ *CONVULSIONS, etiology/
ELECTROENCEPHALOGRAPHY/
EPINEPHRINE, diagnostic use/ FASTING/
FEMALE/ GLUCAGON, diagnostic use/
HUMAN/ HYPERINSULINISM, diagnosis/
HYPOGLYCEMIA, blood/ *HYPOGLYCEMIA,
complications/ HYPOGLYCEMIA, diagnosis/
HYPOGLYCEMIA, drug therapy/
HYPARRHYTHMIA, etiology/ INSULIN,
blood/ LEUCINE, diagnostic use/ MALE/
PREDNISONE, therapeutic use/ TIME
FACTORS
1290. Fischer PW, Spencer T: Spectral changes in liver microsomal cytochrome P-450 from benzanthrane-treated normal and partially hepatectomized rats.
Chem Biol Interact 8:253-9, Apr 74
AGING/ ANIMAL EXPERIMENTS/
BENZANTHRACENES, pharmacodynamics/
CARBON MONOXIDE, pharmacodynamics/
COMPARATIVE STUDY/ CYTOCHROME
P-450/ *CYTOCHROME P-450, metabolism/
DACTINOMYCIN, pharmacodynamics/
ESTROGENS/ FEMALE/ HEPATECTOMY/
HYDROXYLASES, metabolism/ LIVER, growth
& development/ *LIVER REGENERATION,
drug effects/ MICROSOMES, LIVER, drug
effects/ *MICROSOMES, LIVER, enzymology/
OXIDATION-REDUCTION/ PUROMYCIN,
pharmacodynamics/ RATS/
SPECTROPHOTOMETRY/ STEROID
HYDROXYLASES, metabolism/ TRITIUM
1291. Fischer U, Amrhein N: Cyclic nucleotide phosphodiesterase of *Chlamydomonas reinhardtii*.
Biochim Biophys Acta 341:412-20, 25 Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
AMINOPHYLLINE, pharmacodynamics/
CAFFEINE, pharmacodynamics/ CATIONS,
DIVALENT/ *CHLAMYDOMONAS, enzymology/
CHROMATOGRAPHY, THIN LAYER/
DIBUTYRYL CYCLIC AMP/ DRUG
STABILITY/ EDTA, pharmacodynamics/
ENZYME ACTIVATION/ GUANOSINE CYCLIC
3',5' MONOPHOSPHATE/ HYDROGEN-ION
CONCENTRATION/ INOSINE NUCLEOTIDES/
KINETICS/ NUCLEOTIDES, CYCLIC/
PHOSPHATES, pharmacodynamics/
*PHOSPHODIESTERASES, metabolism/
PYROPHOSPHATES, pharmacodynamics/
SULFHYDRYL REAGENTS, pharmacodynamics/
TEMPERATURE/ THEOPHYLLINE,
pharmacodynamics/ THYMINE NUCLEOTIDES/
TIME FACTORS/ TRITIUM/ URACIL
NUCLEOTIDES
1292. Fişek NH: An integrated health-family planning program in Etimesgut District, Turkey.
Stud Fam Plann 5:210-20, Jul 74
ATTITUDE/ CHILD HEALTH SERVICES/
CONTRACEPTIVE DEVICES/
CONTRACEPTIVES, ORAL/ COSTS AND
COST ANALYSIS/ DELIVERY/ *FAMILY
PLANNING/ FEMALE/ FERTILITY/ *HEALTH
SERVICES/ HEALTH SERVICES, manpower/
HUMAN/ INTRAUTERINE DEVICES/ MALE/
MATERNAL HEALTH SERVICES/
MIDWIFERY/ ORGANIZATION AND
ADMINISTRATION/ SOCIOECONOMIC
FACTORS/ TURKEY
1293. Fishbein JF, Shadravan I, Hebert L, et al: Idiopathic bell palsy in a 2-month-old child.
Am J Dis Child 128:112-3, Jul 74
AMPICILLIN, therapeutic use/ FACE/
*FACIAL PARALYSIS, drug therapy/
HUMAN/ MALE/ PREDNISONE, therapeutic
use/ PROGNOSIS
1294. Fishbein MC, State D, Hirose F, et al: Capillary leak syndrome with massive intestinal edema after appendectomy. *Am J Surg* 127:740-4, Jun 74
ADULT/ ANURIA, drug therapy/ ANURIA,
etiology/ *APPENDECTOMY/ BLOOD
VOLUME/ *CAPILLARY PERMEABILITY/
CASE REPORT/ CENTRAL VENOUS
PRESSURE/ *EDEMA, etiology/ FUROSEMIDE,
therapeutic use/ GLUCOCORTICOIDS,
therapeutic use/ HEPARIN, therapeutic use/
HUMAN/ HYPOTENSION, etiology/
*INTESTINAL DISEASES, etiology/
INTESTINAL OBSTRUCTION, etiology/
INTESTINAL OBSTRUCTION, surgery/ MALE/
POSTOPERATIVE COMPLICATIONS/ SHOCK,
etiology/ VASOCONSTRICTOR AGENTS,
therapeutic use
1295. Fisher ER, Gregorio R, Shoemaker R, et al: The derivation of so-called "giant-cell" and "spindle-cell" undifferentiated thyroidal neoplasms.
Am J Clin Pathol 61:680-9, May 74
ADULT/ CARCINOMA, etiology/
CARCINOMA, pathology/ CELL NUCLEUS/
CYTOPLASM/ DESMOSOMES/ EPITHELIAL
CELLS/ EPITHELIUM, pathology/ FEMALE/
FIBROBLASTS/ FIBROSARCOMA, etiology/
FIBROSARCOMA, pathology/ HUMAN/
LYMPHOMA, etiology/ LYMPHOMA,
pathology/ MALE/ MICROSCOPY, ELECTRON/
MIDDLE AGE/ THYROID NEOPLASMS,
etiology/ *THYROID NEOPLASMS, pathology/
TISSUE CULTURE
1296. Fisher GL, Schwind JA, Lee TD, et al: A photon

AUTHOR SECTION

absorptiometer for in vivo and in vitro measurement of small animal bone density.

Blomed Eng 9:196-9 passim, May 74

*ABSORPTION/ AMERICIUM/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ *BONE AND BONES/ BONE AND BONES, analysis/ CATS/ CATTLE/ *DENSITOMETRY/ DOGS/ ELEMENTARY PARTICLES/ FEMALE/ FEMUR/ HORSES/ IN VITRO/ IODINE RADIOISOTOPES/ MINERALS, analysis/ *NUCLEAR PHYSICS, instrumentation/ RADIUM/ RADIUS/ TIBIA/ ULNA

1297. Fisher JR, Woodward WD, Lee PC, et al: Regulation of xanthine dehydrogenase and purine nucleoside phosphorylase levels in chick liver.

Adv Exp Med Biol 41:65-74, 1973

ACETIC ACIDS, pharmacodynamics/ ALLOPURINOL, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHICKENS/ COMPARATIVE STUDY/ DIETARY PROTEINS/ ENZYME INDUCTION/ HYDROCORTISONE, pharmacodynamics/ KETOGLUTARIC ACID, pharmacodynamics/ *KETONE OXIDOREDUCTASES, metabolism/ LIVER, drug effects/ *LIVER, enzymology/ OLEIC ACID, pharmacodynamics/ *PENTOSYLTRANSFERASES, metabolism/ PURINE NUCLEOSIDES/ STARVATION/ TIME FACTORS/ XANTHINES

1298. Fisher RL: Unusual spondyloepiphyseal and spondylometaphyseal dysplasias of childhood.

Clin Orthop 100:78-95, May 74

ACETABULUM, radiography/ ACHONDROPLASIA, radiography/ ACHONDROPLASIA, surgery/ *BONE DISEASES, DEVELOPMENTAL/ BONE DISEASES, DEVELOPMENTAL, etiology/ BONE DISEASES, DEVELOPMENTAL, radiography/ BRACES/ DIAGNOSIS, DIFFERENTIAL/ DWARFISM, etiology/ DWARFISM, radiography/ ECCENTRO-OSTEOCHONDRODYSPLASIA, complications/ ECCENTRO-OSTEOCHONDRODYSPLASIA, congenital/ *ECCENTRO-OSTEOCHONDRODYSPLASIA, radiography/ ECCENTRO-OSTEOCHONDRODYSPLASIA, supply & distribution/ EPIPHYSES, radiography/ FACE/ FEMALE/ GAIT/ HIP, abnormalities/ HIP, radiography/ HUMAN/ KYPHOSIS, etiology/ MALE/ OSTEOTOMY/ PELVIS, radiography/ SCOLIOSIS, etiology/ SYNDROME/ THORACIC VERTEBRAE, radiography

1299. Fitko R: Określenie czasu pojawiania się refleksu neurohormonalnego wywołującego ruje i owulację u owiec. Endokrynol Pol 25:95-103, Mar-Apr 74 (Pol)

CHLORPROMAZINE, pharmacodynamics/ COMPARATIVE STUDY/ *ESTRUS, drug effects/ *OVULATION, drug effects/ PROMAZINE, pharmacodynamics/ REFLEX, drug effects/ SHEEP/ TIME FACTORS

1300. Fitzhardinge PM, Eisen A, Lejtenyi C, et al: Sequelae of early steroid administration to the newborn infant.

Pediatrics 53:877-83, Jun 74

*CHILD DEVELOPMENT, drug effects/ CLINICAL RESEARCH/ ELECTROENCEPHALOGRAPHY/ FOLLOW-UP STUDIES/ *GROWTH, drug effects/ HUMAN/ HYDROCORTISONE, administration & dosage/ HYDROCORTISONE, adverse effects/ *HYDROCORTISONE, therapeutic use/ IMMUNITY, drug effects/ INFANT/ INFANT, NEWBORN/ INJECTIONS, INTRAVENOUS/ MOTOR SKILLS, drug effects/ NERVOUS SYSTEM, drug effects/ NERVOUS SYSTEM DISEASES, chemically induced/ PLACEBOS/ *RESPIRATORY DISTRESS SYNDROME, drug therapy

1301. Flamenbaum W, Kotchen TA, Oken DE: Effect of renin immunization on mercuric chloride and glycerol-induced renal failure.

Kidney Int 1:406-12, Jun 72

ANGIOTENSIN, biosynthesis/ ANIMAL EXPERIMENTS/ ANTIGENS, administration & dosage/ BLOOD PRESSURE, drug effects/

BLOOD UREA NITROGEN/ CHLORIDES, pharmacodynamics/ DEPRESSION, CHEMICAL/ DIET/ FEMALE/ GLYCERIN/

*IMMUNIZATION/ KIDNEY, analysis/ KIDNEY FAILURE, ACUTE, chemically induced/ *KIDNEY FAILURE, ACUTE, prevention & control/ MERCURY/ MYOGLOBINURIA, complications/ RENIN, analysis/ RENIN, blood/ RENIN, pharmacodynamics/ RENIN, physiology/ *RENIN, therapeutic use/ SHEEP/ SODIUM, pharmacodynamics/ SWINE/ UREMIA, etiology/ UREMIA, prevention & control/ WATER, metabolism

1302. Flatberg P, Bergsjø P: Forbruket av P-piller i Norge. Tidsskr Nor Lægeforen 94:587-9, 30 Mar 74 (Nor)

ADOLESCENCE/ ADULT/ *CONTRACEPTIVES, ORAL/ DENMARK/ FEMALE/ HUMAN/ NORWAY/ RETROSPECTIVE STUDIES/ SWEDEN

1303. Fleckenstein A: Drug-induced changes in cardiac energy. Adv Cardiol 12:183-97, 1974 (23 ref.)

ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ *CALCIUM, antagonists & inhibitors/ CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CELL MEMBRANE PERMEABILITY, drug effects/ COBALT, pharmacodynamics/ COMPARATIVE STUDY/ DICARBOXYLIC ACIDS, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *HEART, drug effects/ *IPROVERATRIL, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ MEMBRANE POTENTIALS, drug effects/ MYOCARDIAL DEPRESSANTS, antagonists & inhibitors/ *MYOCARDIAL DEPRESSANTS, pharmacodynamics/ NICKEL, pharmacodynamics/ *NITROBENZENES, pharmacodynamics/ OXYGEN CONSUMPTION, drug effects/ *PAPILLARY MUSCLES, drug effects/ PRENYLAMINE, pharmacodynamics/ *PYRIDINES, pharmacodynamics/ REVIEW/ SODIUM, metabolism/ TIME FACTORS

1304. Fleischer H, Zerkaw R: Hypertonie. Diagnose und Therapie in der Praxis.

Fortschr Med 92:722-4, 13 Jun 74

(Ger)

ADRENAL GLAND NEOPLASMS, complications/ AGE FACTORS/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ BLOOD PRESSURE DETERMINATION/ DIABETIC NEPHROPATHIES, complications/ DIET, SALT-FREE/ ENGLISH ABSTRACT/ HIRSUTISM, complications/ HUMAN/ HYPERALDOSTERONISM, complications/ *HYPERTENSION, diagnosis/ HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ HYPERTENSION, therapy/ PHEOCHROMOCYTOMA, complications/ SMOKING

1305. Fleisher MR, Glass D, Bitensky L, et al: Plasma corticotrophin levels during insulin-hypoglycaemia: comparison of radioimmunoassay and cytochemical bioassay. Clin Endocrinol (Oxf) 3:203-8, Apr 74

ADRENAL GLANDS, physiology/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ *CORTICOTROPIN, blood/ CROSS REACTIONS/ EVALUATION STUDIES/ FASTING/ HUMAN/ *HYPOGLYCEMIA, blood/ HYPOGLYCEMIA, chemically induced/ HYPOTHALAMUS, physiology/ INSULIN/ IODINE RADIOISOTOPES/ METHODS/ PITUITARY GLAND, physiology/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ TIME FACTORS

1306. Flomenbaum A: Does lithium block the effects of amphetamine? A report of three cases.

Am J Psychiatry 131:820-1, Jul 74

AFFECTIVE DISTURBANCES, drug therapy/ *AMPHETAMINE, antagonists & inhibitors/ AMPHETAMINE, pharmacodynamics/ BRAIN CHEMISTRY, drug effects/ DOPAMINE, metabolism/ *DRUG ABUSE, prevention & control/ DRUG ANTAGONISM/ FEMALE/ HUMAN/ *LITHIUM, pharmacodynamics/ LITHIUM, therapeutic use/ MALE/ NOREPINEPHRINE, metabolism/ SEROTONIN, metabolism

AUTHOR SECTION

1307. Fleming AS, Rosenblatt JS: Maternal behavior in the virgin and lactating rat.
J Comp Physiol Psychol 86:957-72, May 74
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BEHAVIOR, ANIMAL/ COMPARATIVE STUDY/ FEEDING BEHAVIOR/ FEMALE/ GROOMING/ *LACTATION/ *MATERNAL BEHAVIOR/ NESTING BEHAVIOR/ PARITY/ PREGNANCY/ RATS/ SMELL/ TIME FACTORS
1308. Flensburg EW, Schlotz PO: Abnormal intradermal histamine reaction and elevated serum calcitonin in the syndrome of: medullary carcinoma of the thyroid gland, pheochromocytoma, and multiple mucosal neuromas. A survey and a case in a child with symptoms from early childhood.
Dan Med Bull 21:20-6, Mar 74
ADOLESCENCE/ ADULT/ ARACHNODACTYLY, metabolism/ *CALCITONIN, blood/ *CARCINOMA, metabolism/ CHILD/ DIVERTICULOSIS, COLONIC, metabolism/ FEMALE/ GANGLIONEUROMA, metabolism/ *HISTAMINE, metabolism/ HUMAN/ INFANT, NEWBORN/ LIP, abnormalities/ MALE/ MEGACOLON, metabolism/ NEOPLASMS, MULTIPLE PRIMARY/ *NEUROMA, metabolism/ *PHEOCHROMOCYTOMA, metabolism/ SYNDROME/ *THYROID NEOPLASMS, metabolism/ TONGUE, abnormalities
1309. Flint AP, Anderson BM, Patten PT, et al: Proceedings: Uterine venous prostaglandin F and oestrogen levels during ovine parturition: acute effects of cervical stimulation. J Endocrinol 61:xxxvxxxvi, Apr 74
ANIMAL EXPERIMENTS/ *CERVIX UTERI, physiology/ DEXAMETHASONE, pharmacodynamics/ *ESTROGENS, blood/ FEMALE/ *LABOR/ PREGNANCY/ *PROTAGLANDINS, blood/ SHEEP/ STRESS, MECHANICAL/ UTERUS, blood supply/ VEINS
1310. Florea I, Popa M, Simionescu L: Serum immunoreactive insulin (IRI) release following subcutaneous administration of glucagon in 17 normal children. Folia Endocrinol (Roma) 27:359-64, Jun 74
ANTIGENS, blood/ BLOOD SUGAR, biosynthesis/ CHILD/ FEMALE/ GLUCAGON, administration & dosage/ *GLUCAGON, pharmacodynamics/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *INSULIN, blood/ ISLANDS OF LANGERHANS, drug effects/ MALE/ SOMATOTROPIN, blood
1311. Flórez J, Armijo JA: Effect of central inhibition of the 1-amino acid decarboxylase on the hypotensive action of 5-HT precursors in cats.
Eur J Pharmacol 26:108-10, Apr 74
AMINO ACIDS/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *BLOOD PRESSURE, drug effects/ *CARBOXY-LYASES, antagonists & inhibitors/ CAROTID ARTERIES/ CATS/ CEREBRAL VENTRICLES, drug effects/ DECEREBRATE STATE, physiopathology/ DRUG SYNERGISM/ INJECTIONS/ INJECTIONS, INTRAVENOUS/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ SAPHEOUS VEIN/ *SEROTONIN, pharmacodynamics/ SERYLTRIHYDROXY BENZYLHYDRAZINE, pharmacodynamics/ TIME FACTORS/ TRANLYCYPRIMINE, pharmacodynamics/ TRYPTOPHAN, pharmacodynamics
1312. Flower RJ: Drugs which inhibit prostaglandin biosynthesis. Pharmacol Rev 26:33-67, Mar 74
ACETAMINOPHEN, pharmacodynamics/ ANTIOXIDANTS, pharmacodynamics/ ARACHIDONIC ACID, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, metabolism/ FATTY ACIDS, pharmacodynamics/ HYDROXYLASES, metabolism/ HYPERTENSION, metabolism/ INDOMETHACIN, pharmacodynamics/ KINETICS/ METALS, pharmacodynamics/ MICROSOMES, metabolism/ NOMENCLATURE/ OXIDOREDUCTASES, antagonists & inhibitors/ PROTAGLANDINS, antagonists & inhibitors/ *PROTAGLANDINS, biosynthesis/ SALICYLATES, pharmacodynamics/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBCELLULAR FRACTIONS, metabolism/ TETRAHYDROCANNABINOL, pharmacodynamics/ TIME FACTORS
1313. Flynn FV, Piper KA, Garcia-Webb P, et al: The frequency distributions of commonly determined blood constituents in healthy blood donors.
Clin Chim Acta 52:163-71, Apr 74
AGE FACTORS/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ *BLOOD CHEMICAL ANALYSIS/ *BLOOD DONORS/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, analysis/ CALCIUM, blood/ CARBON DIOXIDE, pharmacodynamics/ CHLORIDES, blood/ CHOLESTEROL, blood/ CREATININE, blood/ FEMALE/ HUMAN/ IRON, blood/ MALE/ PHOSPHATES, blood/ POTASSIUM, blood/ PROTEIN-BOUND IODINE TEST/ SERUM ALBUMIN/ SERUM GLOBULINS/ SEX FACTORS/ SODIUM, blood/ UREA, blood/ URIC ACID, blood
1314. Fodor J, Tóth K: Benignus metastatizáló struma. Orv Hetil 115:203-4, 27 Jan 74 (Hun)
ADENOMA, complications/ FEMALE/ FEMORAL NEOPLASMS, diagnosis/ *FEMORAL NEOPLASMS, etiology/ FEMORAL NEOPLASMS, surgery/ FEMUR, surgery/ *GOITER, complications/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *NEOPLASM METASTASIS/ OSTEOTOMY/ PREGNANCY COMPLICATIONS/ RADIOISOTOPE SCANNING/ *THYROID NEOPLASMS, complications
1315. Fof AM, Arkhangel'skaia NV, Liaffer LG, et al: O prognosticheskom znachenii urovnia predrodovoi ekakretali estriola. Akush Ginekol (Mosk) 49:18-20, Nov 73 (Rus)
*ESTRIOL, urine/ FEMALE/ HUMAN/ *LABOR/ PREGNANCY/ PRENATAL DIAGNOSIS/ PROGNOSIS/ TIME FACTORS/ UTERUS, physiology
1316. Folch H, Waksman BH: The splenic suppressor cell. I. Activity of thymus-dependent adherent cells: changes with age and stress.
J Immunol 113:127-39, Jul 74
AGE FACTORS/ ANIMAL EXPERIMENTS/ CELL ADHESION/ CELLS, CULTURED/ CONCANAVALLIN A, pharmacodynamics/ DNA, biosynthesis/ GLASS/ GLUCOCORTICIDS, pharmacodynamics/ *IMMUNOSUPPRESSION/ LEUKOCYTE CULTURE TEST, MIXED/ *LYMPHOCYTES, immunology/ MACROPHAGES, immunology/ MALE/ MITOMYCIN, pharmacodynamics/ PERITONEUM, cytology/ PLANT AGGLUTININS, pharmacodynamics/ PROTEINS, biosynthesis/ RADIATION CHIMERA/ RATS/ RNA, biosynthesis/ *SPLEEN, cytology/ STRESS/ THYMECTOMY
1317. Foley TJ: Ectopic hyperparathyroidism. Am J Surg 128:108-10, Jul 74
ADENOMA, blood/ ADENOMA, complications/ ADENOMA, pathology/ ADENOMA, radiography/ ADENOMA, surgery/ FEMALE/ *HORMONES, ECTOPIC/ HUMAN/ *HYPERCALCEMIA, etiology/ HYPERCALCEMIA, surgery/ HYPERPARATHYROIDISM, blood/ *HYPERPARATHYROIDISM, etiology/ HYPERPARATHYROIDISM, pathology/ HYPERPARATHYROIDISM, radiography/ PANCREAS, pathology/ PHOSPHORUS, blood/ RETROPERITONEAL NEOPLASMS, blood/ *RETROPERITONEAL NEOPLASMS, complications/ RETROPERITONEAL NEOPLASMS, pathology/ RETROPERITONEAL NEOPLASMS, radiography
1318. Folkman J: Tumor angiogenesis: role in regulation of tumor growth.
Symp Soc Dev Biol 30:43-52, 1974 (24 ref.)

AUTHOR SECTION

ANGIOGENESIS FACTOR, metabolism/
ANIMAL EXPERIMENTS/ *CAPILLARIES,
growth & development/ CELL DIVISION/
CELL LINE/ ENDOTHELIUM, metabolism/
EYE NEOPLASMS, etiology/ EYE
NEOPLASMS, metabolism/ *GROWTH
SUBSTANCES, metabolism/ *NEOPLASMS,
etiology/ NEOPLASMS, EXPERIMENTAL,
etiology/ NEOPLASMS, EXPERIMENTAL,
metabolism/ NEOPLASMS, EXPERIMENTAL,
pathology/ ORGAN CULTURE/ PERFUSION/
REVIEW/ SKIN NEOPLASMS, etiology/ SKIN
NEOPLASMS, metabolism/ THYMIDINE,
metabolism/ THYROID GLAND, metabolism/
THYROID GLAND, pathology/ TRITIUM

1319. Folkow B, Hallbäck M, Lundgren Y, et al: Analysis of design and reactivity of series-coupled vascular sections in spontaneously hypertensive rats (SHR). *Acta Physiol Scand* 90:654-6, Mar 74

ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *BLOOD VESSELS, physiology/ CAPILLARY RESISTANCE, drug effects/ *HEMODYNAMICS, drug effects/ *HYPERTENSION, physiology/ NOREPINEPHRINE, pharmacodynamics/ PAPAVERINE, pharmacodynamics/ RATS/ VASOCONSTRICTOR AGENTS/ VASODILATOR AGENTS/ VASOPRESSIN, pharmacodynamics

1320. Follett BK, Mattocks FW Jr, Farnar DS: Circadian function in the photoperiodic induction of gonadotropin secretion in the white-crowned sparrow, *Zonotrichia leucophrys gambelli*. *Proc Natl Acad Sci USA* 71:1666-9, May 74
ANIMAL EXPERIMENTS/ *BIRDS, physiology/ *CIRCADIAN RHYTHM/ LH, blood/ *LH, secretion/ LIGHT/ RADIOIMMUNOASSAY/ TIME FACTORS

1321. Fomina TN: Pokazatel' azotistogo obmena u bol'nykh virusnym gepatitom na fone lecheniya ikh L-glutaminom i drugimi lekarstvennymi sredstvami. *Sov Med* 4:89-93, 1974 (Rus)

AMMONIA, analysis/ ENGLISH ABSTRACT/ GLUCOSE, therapeutic use/ *GLUTAMINE, therapeutic use/ HEPATITIS, INFECTIOUS, drug therapy/ *HEPATITIS, INFECTIOUS, metabolism/ HUMAN/ *NITROGEN, metabolism/ OPTICAL ROTATION/ PREDNISOLONE, therapeutic use/ UREA, analysis/ VITAMIN B COMPLEX, therapeutic use

1322. Fong TP, Smith EC, Thomas W Jr, et al: Diagnostic significance of bone marrow biopsy in chronic renal disease. *Nephron* 12:81-93, 1974

ALKALINE PHOSPHATASE, blood/ *ANEMIA, HYPOCHROMIC, diagnosis/ ANEMIA, HYPOCHROMIC, pathology/ BIOPSY/ BLOOD UREA NITROGEN/ *BONE MARROW, pathology/ CALCIUM, blood/ ERYTHROCYTES, analysis/ FEMALE/ FOLIC ACID, blood/ FOLIC ACID DEFICIENCY, pathology/ HEMODIALYSIS/ HUMAN/ *KIDNEY FAILURE, CHRONIC, pathology/ MALE/ OSTEITIS FIBROSA CYSTICA, pathology/ OSTEOMALACIA, pathology/ OSTEOPOROSIS, pathology/ OSTEOSCLEROSIS, pathology/ PHOSPHORUS, blood/ *RENAL OSTEODYSTROPHY, diagnosis/ RENAL OSTEODYSTROPHY, pathology

1323. Fonkalsrud EW, Trout HH 3d, LaFranchi S, et al: Idiopathic hypoglycemia in infancy. Surgical management. *Arch Surg* 108:801-4, Jun 74

CORTICOTROPIN, therapeutic use/ CORTISONE, therapeutic use/ FEMALE/ HUMAN/ HYPERPLASIA, pathology/ HYPOGLYCEMIA, drug therapy/ *HYPOGLYCEMIA, etiology/ HYPOGLYCEMIA, pathology/ INFANT/ ISLANDS OF LANGERHANS, pathology/ MALE/ *PANCREATECTOMY/ *PANCREATIC DISEASES, complications/ PANCREATIC DISEASES, pathology/ PANCREATIC DISEASES, surgery

1324. Fonyó A: Phosphate carrier of liver mitochondria: two equivalent SH-groups in the carrier unit.

Biochem Biophys Res Commun 57:1069-73, 23 Apr 74

ACETATES, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ COMPARATIVE STUDY/ DIURETICS, MERCURIAL, pharmacodynamics/ ETHYLMALIMIDE, pharmacodynamics/ IN VITRO/ MERCAPTOETHANOL, pharmacodynamics/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ MITOCHONDRIAL SWELLING, drug effects/ *PHOSPHATES, metabolism/ PROTEIN BINDING/ RATS/ *RECEPTORS, DRUG, drug effects/ SULFHYDRYL COMPOUNDS, analysis/ TIME FACTORS

1325. Fonzo D, Lauro R, Dogliotti L, et al: Il dosaggio degli ormoni steroidei mediante computerizzazione proteica. Il dosaggio del cortisolo e del testosterone. *Minerva Med* 65:1749-64, 28 Apr 74 (Ita)

BUFFERS/ CENTRIFUGATION/ CHROMATOGRAPHY/ CORTICOSTERONE, blood/ ELECTROMAGNETICS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ MALE/ METHODS/ PROTEIN BINDING/ SCINTILLATION COUNTERS/ *TESTOSTERONE, blood

1326. Forbes JM: Proceedings: Dose-dependent effects of oestradiol injected into the cerebroventricles on feeding in sheep. *J Endocrinol* 61:xxvxxvi, Apr 74
ANIMAL EXPERIMENTS/ CASTRATION/ CEREBRAL VENTRICLES/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ESTRADIOL, administration & dosage/ ESTRADIOL, pharmacodynamics/ *FEEDING BEHAVIOR, drug effects/ INJECTIONS/ MALE/ SHEEP

1327. Forbes JM: Proceedings: Stereotaxic placement of cannula guides in the brain of sheep. *J Physiol (Lond)* 238:2P-3P, Apr 74

ANIMAL EXPERIMENTS/ CATHETERIZATION/ HYPOTHALAMUS, drug effects/ INJECTIONS/ MICROMANIPULATION, instrumentation/ PITUITARY GLAND, drug effects/ SHEEP/ *STEREOTAXIC TECHNIQS, instrumentation

1328. Forbes JM: Feeding in sheep modified by intraventricular estradiol and progesterone. *Physiol Behav* 12:741-7, May 74

ANIMAL EXPERIMENTS/ CASTRATION/ *CEREBRAL VENTRICLES, drug effects/ CEREBRAL VENTRICLES, physiology/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *EATING, drug effects/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, physiology/ INJECTIONS, INTRAVENOUS/ MALE/ *PROGESTERONE, pharmacodynamics/ SHEEP, physiology/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL

1329. Forest JC, Bénard B, Bellabarba D, et al: Iodoproteins in congenital goitre with elevated levels of serum TSH and T3. *Acta Endocrinol (Kbh)* 76:89-101, May 74

ADOLESCENCE/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ GEL DIFFUSION TESTS/ GEL FILTRATION/ *GOITER, blood/ GOITER, congenital/ HEMOGLOBIN, analysis/ HUMAN/ IODINE RADIOISOTOPES/ *IODOPROTEINS, analysis/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, analysis/ THYROGLOBULIN, analysis/ *THYROID GLAND, analysis/ *THYROTROPIN, blood/ THYROXINE, analysis/ THYROXINE, blood/ TRIIODOTHYRONINE, analysis/ *TRIIODOTHYRONINE, blood

1330. Forgács S: Zusammentreffen von Osteogenesis imperfecta tarda und familiärem Diabetes mellitus. *Radiologe* 14:138-41, Mar 74 (Ger)

*DIABETES MELLITUS, complications/ DIABETES MELLITUS, familial & genetic/ FEMALE/ HUMAN/ MALE/ *OSTEOGENESIS IMPERFECTA, complications/ PEDIGREE/

AUTHOR SECTION

- SPINAL OSTEOPHYTOSIS, complications/
SPINAL OSTEOPHYTOSIS, radiography/
TIBIA, radiography
1331. Forleo L, Crisci G: Punti fermi sulla fisiologia dell'ovaia umana. *Minerva Ginecol* 26:65-75, Feb 74 (Ita)
ANDROGENS, biosynthesis/ CORPUS
LUTEUM, physiology/ ESTROGENS,
biosynthesis/ FEMALE/ HUMAN/ OVARY,
cytology/ OVARY, metabolism/ *OVARY,
physiology/ OVULATION
1332. Forman BH, Mulrow PJ: Suppression of plasma renin activity by propranolol: correlation with plasma propranolol levels.
Proc Soc Exp Biol Med 146:530-3, Jun 74
ANIMAL EXPERIMENTS/ FEMALE/
HALF-LIFE/ HEART RATE, drug effects/
PROPRANOLOL, blood/ *PROPRANOLOL,
pharmacodynamics/ *RENIN, antagonists &
inhibitors/ RENIN, blood/ TIME FACTORS
1333. Formgren B, Wetterberg L:
Uroporphyrinogen-3-cosynthetase activity in the
Harderian gland of the golden hamster.
Enzyme 16:146-50, 1973
ANIMAL EXPERIMENTS/ BLINDNESS/
CASTRATION/ CHROMATOGRAPHY, THIN
LAYER/ COMPARATIVE STUDY/ EYE,
physiology/ FEMALE/ HAMSTERS/
*ISOMERASES, metabolism/ *LACRIMAL
APPARATUS, enzymology/ LIGHT/ MALE/
PINEAL BODY, physiology/
PORPHOBILINOGEN/ SEX FACTORS/ SEX
HORMONES, physiology/ TESTIS, physiology/
TRITIUM
1334. Forrest AP: Hormones and neoplasia.
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
BREAST NEOPLASMS, metabolism/ *BREAST
NEOPLASMS, physiopathology/ CALCIUM,
urine/ CASTRATION/ CELL
TRANSFORMATION, NEOPLASTIC/
DIETHYLSTILBESTROL, therapeutic use/
*ESTROGENS, physiology/
ETIOCHOLANOLONE, urine/ FEMALE/
HUMAN/ HYPOPHYSECTOMY/ MAMMARY
NEOPLASMS, EXPERIMENTAL,
physiopathology/ MICE/ MODELS,
BIOLOGICAL/ *PROGESTERONE, physiology/
*PROLACTIN, physiology/ RATS/
RECEPTORS, HORMONE/ REVIEW
1335. Forsman PJ, Jenkins ME: Primary
hyperparathyroidism in childhood presenting as renal
stones. *Nebr Med J* 57:87-93, Mar 72
*ADENOMA, complications/ ADENOMA,
surgery/ DIAGNOSIS, DIFFERENTIAL/
FEMALE/ HUMAN/
*HYPERPARATHYROIDISM, etiology/ KIDNEY
CALCULI, complications/ *KIDNEY CALCULI,
etiology/ KIDNEY CALCULI, surgery/
*PARATHYROID NEOPLASMS, complications/
PARATHYROID NEOPLASMS, surgery/
URINARY TRACT INFECTIONS, etiology
1336. Fortes PA, Hoffman JF: The interaction of fluorescent
probes with anion permeability pathways of human
red cells. *J Membr Biol* 16:79-100, 1974
*ANILINO NAPHTHALENESULFONATES,
metabolism/ ANILINO
NAPHTHALENESULFONATES,
pharmacodynamics/ BIOLOGICAL
TRANSPORT/ *CHLORIDES, metabolism/
CHLORINE/ COMPARATIVE STUDY/
ERYTHROCYTES, drug effects/
*ERYTHROCYTES, metabolism/
FLUORESCENCE/ HUMAN/ KINETICS/
MATHEMATICS/ OSMOLAR
CONCENTRATION/ PERMEABILITY/
RADIOISOTOPES/ *RECEPTORS, DRUG, drug
effects/ SALICYLATES, pharmacodynamics/
STILBENES, pharmacodynamics/
STRUCTURE-ACTIVITY RELATIONSHIP/
SUCROSE, pharmacodynamics/ *SULFATES,
metabolism/ SULFONIC ACIDS,
pharmacodynamics/ SULFUR RADIOISOTOPES/
TEMPERATURE/ THIOCYANATES,
pharmacodynamics/ TIME FACTORS
1337. Forti G, Pazzagli M, Calabresi E, et al:
Radioimmunoassay of plasma testosterone.
Clin Endocrinol (Oxf) 3:5-17, Jan 74
AGE FACTORS/ BINDING SITES/
CHROMATOGRAPHY, PAPER/ COMPARATIVE
STUDY/ EVALUATION STUDIES/ FEMALE/
HUMAN/ HYPOGONADISM, blood/
IMPOTENCE, blood/ MALE/ MATHEMATICS/
MENSTRUATION/ METHODS/
MICROCHEMISTRY/ RABBITS, immunology/
RADIOIMMUNOASSAY/ SERUM ALBUMIN/
*TESTOSTERONE, blood/ TIME FACTORS/
TRITIUM
1338. Forti G, Pazzagli M, Calabresi E, et al:
Radioimmunoassay of plasma testosterone.
Clin Endocrinol (Oxf) 3:5-17, Jan 74
AMMONIUM SULFATE/ CHROMATOGRAPHY,
PAPER/ EVALUATION STUDIES/ HUMAN/
HYPOGONADISM, physiopathology/
IMPOTENCE, physiopathology/ MALE/
RABBITS, immunology/
*RADIOIMMUNOASSAY/ SERUM ALBUMIN/
TESTIS, secretion/ *TESTOSTERONE, blood/
TESTOSTERONE, isolation & purification/
TESTOSTERONE, secretion
1339. Fortýnová J, Farská I, Pudlák P, et al:
Thrombocytokinetic examination in patients with
hereditary thrombocytopenia.
Acta Univ Carol [Med Monogr] (Praha) 53:345-51, 1972
ADOLESCENCE/ ADULT/ AGGLUTININS,
analysis/ AUTOSOME ABNORMALITIES/
BLOOD CELL COUNT/ BLOOD PLATELETS/
*BLOOD PLATELETS, physiology/ CELL
SURVIVAL/ CHROMIUM RADIOISOTOPES/
CHROMOSOMES, HUMAN, 16-18/ FEMALE/
GENES, DOMINANT/ HEMORRHAGE, surgery/
HUMAN/ KARYOTYPING/ MALE/
MEGAKARYOCYTES/ MIDDLE AGE/
MOSAICISM/ PEDIGREE/ PREDNISONE,
therapeutic use/ PURPURA, THROMBOPENIC,
blood/ PURPURA, THROMBOPENIC, drug
therapy/ *PURPURA, THROMBOPENIC,
familial & genetic/ PURPURA,
THROMBOPENIC, surgery/ SPLENECTOMY/
SYNDROME
1340. Foster JP, Holand DT, Jeffcoate SL, et al: Proceedings:
Simultaneous determination by radioimmunoassay of
luteinizing hormone and luteinizing hormone
releasing hormone at different stages of the oestrus
cycle in the sheep. *N Engl J Med* 291:63, 11 Jun 74
ANIMAL EXPERIMENTS/ *ESTRUS/
FEMALE/ *LH, blood/ *LH-FSH RELEASING
HORMONE, blood/ RADIOIMMUNOASSAY/
SHEEP
1341. Foster RS Jr: Local graft irradiation as an adjunct to
pharmacologic immunosuppression.
J Surg Res 16:457-62, May 74
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ AZATHIOPRINE,
administration & dosage/ DOGS/ GRAFT
REJECTION/ *IMMUNOSUPPRESSION/
INJECTIONS, INTRAVENOUS/ KIDNEY,
radiation effects/ *KIDNEY, transplantation/
METHYLPREDNISOLONE, administration &
dosage/ NEPHRECTOMY/ PREDNISONE,
administration & dosage/ *RADIATION
EFFECTS/ SKIN, radiation effects/ TIME
FACTORS/ TRANSPLANTATION,
HOMOLOGOUS
1342. Fouchard J, Rault P, Colcher E, et al: Thrombose de
l'artère pulmonaire sous traitement contraceptif
hormonal. Traitement par l'urokinase.
Nouv Presse Med 3:811-2, 30 Mar 74 (Fre)
BLOOD COAGULATION TESTS/ BLOOD
UREA NITROGEN/ CHOLESTEROL, blood/
*CONTRACEPTIVES, ORAL, adverse effects/
DIET THERAPY/ ELECTROCARDIOGRAPHY/
ENGLISH ABSTRACT/ FEMALE/
FIBRINOLYTIC AGENTS, adverse effects/
FIBRINOLYTIC AGENTS, therapeutic use/
HEPARIN, diagnostic use/ HUMAN/ INSULIN,
blood/ LIPIDS, blood/ PHLEBOGRAPHY/
*PULMONARY ARTERY/ RADIOISOTOPE
SCANNING/ *THROMBOSIS, diagnosis/
TRIGLYCERIDES, blood

AUTHOR SECTION

1343. Foulks NB, Hoffman DL: The effects of eyestalk ablation and B-ecdysone on RNA synthesis in the androgenic glands of the protandric shrimp, *Pandalus platyceros* Brandt.
Gen Comp Endocrinol 22:439-47, Apr 74
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ *ECDYSONE, pharmacodynamics/ ENDOCRINE GLANDS, drug effects/ *ENDOCRINE GLANDS, metabolism/ EYE/ *RNA, biosynthesis/ *SHRIMP, physiology/ STIMULATION, CHEMICAL/ TRITIUM/ URIDINE, metabolism
1344. Fournier P, Dupuis Y, Fontaine N, et al: Spécificité moléculaire et activité des glucides sur l'absorption du calcium.
J Physiol (Paris) 66:473-7, 1973 (Fre)
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ CARBOHYDRATES/ ENGLISH ABSTRACT/ GLUCOSE/ *INTESTINAL ABSORPTION/ MOLECULAR CONFORMATION/ STEREOISOMERS
1345. Fournier PJ, Desjardins PD, Friesen HG: Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: a review.
Am J Obstet Gynecol 118:337-43, 1 Feb 74 (43 ref.)
BREAST FEEDING/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMUS, metabolism/ LACTATION, drug effects/ LACTATION DISORDERS, physiopathology/ MALE/ MILK, HUMAN, analysis/ PITUITARY HORMONE RELEASING HORMONES/ PLACENTAL LACTOGEN, blood/ PROLACTIN, analysis/ PROLACTIN, antagonists & inhibitors/ PROLACTIN, blood/ PROLACTIN, diagnostic use/ *PROLACTIN, physiology/ PROLACTIN, secretion/ PROLACTIN, therapeutic use/ RADIOIMMUNOASSAY/ REVIEW/ THYROTROPIN RELEASING HORMONE, pharmacodynamics
1346. Fowler WM Jr, Layzer RB, Taylor RG, et al: The Schwartz-Jampel syndrome. Its clinical, physiological and histological expressions.
J Neurol Sci 22:127-46, May 74
*ABNORMALITIES, MULTIPLE, diagnosis/ ABNORMALITIES, MULTIPLE, enzymology/ ABNORMALITIES, MULTIPLE, pathology/ ACETYLCHOLINESTERASE, metabolism/ AUTOSOME ABNORMALITIES/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM, complications/ DWARFISM, enzymology/ DWARFISM, pathology/ ELECTROMYOGRAPHY/ *EYELID DISEASES, complications/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MUSCLES, enzymology/ *MUSCLES, pathology/ MUSCLES, physiopathology/ *MUSCULAR DYSTROPHY, complications/ MUSCULAR DYSTROPHY, enzymology/ MUSCULAR DYSTROPHY, pathology/ MUSCULAR DYSTROPHY, physiopathology/ SYNDROME
1347. Fox DP, Hewitt GM, Hall DJ: DNA replication and RNA transcription of euchromatic and heterochromatic chromosome regions during grasshopper meiosis.
Chromosoma 45:43-62, 1 Mar 74
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ *CHROMATIN/ *CHROMOSOMES/ *DNA REPLICATION/ ENGLAND/ *GRASSHOPPERS/ HETEROCHROMATIN/ KARYOTYPING/ MALE/ *MEIOSIS/ STAINS AND STAINING/ TESTIS, cytology/ THYMIDINE/ TIME FACTORS/ *TRANSCRIPTION, GENETIC/ TRITIUM/ URIDINE
1348. Fox J, Swaminathan R: Proceedings: The use of a Thiry Vella loop of jejunum to measure calcium absorption rate in conscious pigs.
J Physiol (Lond) 238:3P-4P, Apr 74
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CONSCIOUSNESS/ *INTESTINAL ABSORPTION/ INTESTINAL MUCOSA/ *JEJUNUM, metabolism/ PERFUSION/ SWINE
1349. Fraccaro M: Anomale cromosomiche di interesse ostetrico-ginecologico.
Minerva Ginecol 26:57-61, Feb 74 (Ita)
*CHROMOSOME ABERRATIONS/ FEMALE/ HERMAPHRODITISM, familial & genetic/ HUMAN/ MONGOLISM, familial & genetic/ PHENOTYPE/ SEX CHROMOSOME ABNORMALITIES, familial & genetic/ TRISOMY
1350. Frąckiewicz S, Kornacki Z, Skoczowska M: Retrospektywna ocena przydatności określania ilości wydanych z moczem estrogenów u kobiet z klinicznymi objawami zagrożenia płodu.
Ginekol Pol 45:555-61, May 74 (Pol)
CREATININE, urine/ ENGLISH ABSTRACT/ *ESTROGENS, urine/ FEMALE/ *FETAL DISEASES, diagnosis/ GESTATIONAL AGE/ HUMAN/ INFANT MORTALITY/ PREGNANCY
1351. Frąckiewicz S, Kornacki Z: Badanie ilości wydanych estrogenów w stosunku do zawartości kreatyniny w pojedynczych próbkach moczu ciężarnych w późnych gestozach i w przewlekłym nadciśnieniu.
Ginekol Pol 45:415-22, Apr 74 (Pol)
CHRONIC DISEASE/ CREATININE, urine/ ENGLISH ABSTRACT/ *ESTROGENS, urine/ FEMALE/ HUMAN/ *HYPERTENSION, urine/ PREGNANCY/ *PREGNANCY TOXEMIAS, urine/ SYNDROME/ TIME FACTORS
1352. Frąckiewicz S, Kornacki Z: Wartość diagnostyczna oznaczania ilości estrogenów w ciąży przenoszonej.
Ginekol Pol 45:691-6, Jun 74 (Pol)
ENGLISH ABSTRACT/ *ESTROGENS, urine/ FEMALE/ *FETAL DISEASES, diagnosis/ HUMAN/ *PREGNANCY, PROLONGED/ PRENATAL DIAGNOSIS/ TIME FACTORS
1353. France JT, Downey JA: A study of arylsulfatase activity in children born of pregnancies affected with placental sulfatase deficiency.
Biochem Med 10:167-74, Jun 74
ADOLESCENCE/ ADULT/ BLOOD/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ GENETICS, BIOCHEMICAL/ HUMAN/ INFANT, NEWBORN/ LEUKOCYTES, enzymology/ MALE/ MIDDLE AGE/ PEDIGREE/ PHENOLS/ *PLACENTA, enzymology/ PLACENTA DISORDERS, blood/ *PLACENTA DISORDERS, enzymology/ PLACENTA DISORDERS, familial & genetic/ PREGNANCY/ *SULFATASES, blood/ UMBILICAL CORD
1354. Franchimont P, Becker H, Ernould C, et al: The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Clin Endocrinol (Oxf) 3:27-39, Jan 74
COMPARATIVE STUDY/ CONTRACEPTIVES, ORAL/ FEMALE/ *FSH, blood/ FSH, secretion/ HUMAN/ HYPOTHALAMUS, secretion/ *LH, blood/ LH, secretion/ *LH-FSH RELEASING HORMONE, physiology/ LH-FSH RELEASING HORMONE, secretion/ MALE/ MENOPAUSE/ MENSTRUATION/ NEUROPHYSINS, blood/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, physiology/ SOMATOTROPIN, blood/ THYROTROPIN, blood/ TIME FACTORS
1355. Franchimont P, Becker H, Ernould C, et al: The effect of hypothalamic luteinizing hormone releasing hormone (LH-RH) on plasma gonadotrophin levels in normal subjects. Clin Endocrinol (Oxf) 3:27-39, Jan 74
CONTRACEPTIVES, ORAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ *FSH, blood/ HUMAN/ *LH, blood/ LH-FSH RELEASING HORMONE, administration & dosage/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ MALE/ MENSTRUATION/ PUBERTY/ SEX FACTORS/ TIME FACTORS
1356. François B: Trente et une semaines sous régime désodé et salidiurétique. Illustration de quelques effets

AUTHOR SECTION

- secondaires indésirables.
Nouv Presse Med 3:661-4, 16 Mar 74 (Fre)
ALDOSTERONE, blood/
*BENZOTHIADIAZINES, adverse effects/
CLINICAL RESEARCH/ *DIET, SALT-FREE,
adverse effects/ *DIURETICS, adverse effects/
DRUG COMBINATIONS/ HUMAN/ MALE/
POTASSIUM, urine/ RENIN, blood/ SODIUM,
urine/ *SPIRONOLACTONE, adverse effects
1357. François J, De Laey JJ: The therapy of diabetic retinopathy.
Ann Ophthalmol 6:547-50 passim, Jun 74
CAPILLARY RESISTANCE/
DEXAMETHASONE, therapeutic use/
DIABETIC RETINOPATHY, pathology/
DIABETIC RETINOPATHY, surgery/
*DIABETIC RETINOPATHY, therapy/ DIET
THERAPY/ DIETARY FATS, metabolism/
HORMONES, therapeutic use/ HUMAN/
HYPOPHYSECTOMY/ LIGHT COAGULATION/
POSTOPERATIVE COMPLICATIONS, etiology/
PROGNOSIS/ RETINA, blood supply/
RETINAL VESSELS, pathology
1358. François R, Picaud JJ, Ruitton-Ugliengo A, et al: The newborn of diabetic mothers. Observations on 154 cases, 1958-1972. Biol Neonate 24:1-31, 1974
ABNORMALITIES, occurrence/ ADRENAL
GLANDS, secretion/ BLOOD PROTEIN
DISORDERS, occurrence/ CHILD,
PRESCHOOL/ DELIVERY/ FEMALE/
FOLLOW-UP STUDIES/ GESTATIONAL AGE/
GROWTH/ HUMAN/ HYALINE MEMBRANE
DISEASE, mortality/ HYDROCORTISONE,
secretion/ HYPERBILIRUBINEMIA,
occurrence/ HYPERINSULINISM, occurrence/
HYPERKALEMIA, occurrence/
HYPOCALCEMIA, occurrence/
HYPOGLYCEMIA, occurrence/ INFANT/
INFANT MORTALITY/ INFANT, NEWBORN/
INFANT, NEWBORN, DISEASES, mortality/
*INFANT, NEWBORN, DISEASES, occurrence/
INSULIN, blood/ INSULIN, therapeutic use/
INSULIN ANTIBODIES, analysis/
PREGNANCY/ *PREGNANCY IN DIABETES/
RENAL VEINS/ RESPIRATORY DISTRESS
SYNDROME, occurrence/ SUBARACHNOID
HEMORRHAGE, occurrence/
THROMBOPHLEBITIS, occurrence
1359. Frank LH, Meyer ME: Behavioral thermoregulation in hypophysectomized and sham-operated rainbow trout, Salmo gairdneri. Behav Biol 11:101-8, May 74
ANIMAL EXPERIMENTS/ *BEHAVIOR,
ANIMAL/ *BODY TEMPERATURE
REGULATION/ *CONDITIONING, OPERANT/
*FISHES, physiology/ *HYPOPHYSECTOMY/
*PITUITARY GLAND, physiology/
REINFORCEMENT (PSYCHOLOGY)/
TEMPERATURE/ TIME FACTORS/ WATER
1360. Frank RN, Bensinger RE: Proceedings: Rhodopsin and light-sensitive kinase activity of retinal outer segments. Exp Eye Res 18:271-80, Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ADENOSINE TRIPHOSPHATE,
metabolism/ ANIMAL EXPERIMENTS/ DARK
ADAPTATION/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ HISTONES,
metabolism/ IN VITRO/ LIGHT/ MAGNESIUM,
metabolism/ PHOSPHATES, metabolism/
PHOSPHORUS RADIOISOTOPES/ *PROTEIN
KINASE, metabolism/ *RETINA, enzymology/
*RETINAL PIGMENTS, metabolism
1361. Frankendal B, Junghagen F: Gastrointestinal transit time in ovarian carcinoma irradiated with 60Co. Acta Radiol [Ther] (Stockh) 13:129-40, Apr 74
ABDOMEN/ BARIUM SULFATE/ *COBALT
RADIOISOTOPES/ COMPARATIVE STUDY/
CONTRAST MEDIA/ FEMALE/
*GASTROINTESTINAL MOTILITY, radiation
effects/ HUMAN/ METHODS/ *OVARIAN
NEOPLASMS, radiotherapy/ OVARIAN
NEOPLASMS, surgery/ *RADIATION
EFFECTS/ RADIOISOTOPE THERAPY/
RADIOTHERAPY DOSAGE/ RADIOTHERAPY,
HIGH ENERGY/ TIME FACTORS
1362. Franklin LM: Thyrotoxicosis developing during lithium treatment: case report. NZ Med J 79:782, 27 Mar 74
CASE REPORT/ DEPRESSION, drug therapy/
FEMALE/ GOITER, complications/ HUMAN/
*HYPERTHYROIDISM, chemically induced/
*LITHIUM, adverse effects/ LITHIUM,
therapeutic use/ MIDDLE AGE
1363. Franklin W: Treatment of severe asthma. N Engl J Med 290:1469-72, 27 Jun 74
ADRENAL CORTEX HORMONES,
administration & dosage/ ADRENAL CORTEX
HORMONES, therapeutic use/ ADRENERGIC
BETA RECEPTOR AGONISTS, administration
& dosage/ ADRENERGIC BETA RECEPTOR
AGONISTS, therapeutic use/ ADULT/
AEROSOLS/ ALBUTEROL, administration &
dosage/ ALBUTEROL, therapeutic use/
AMINOPHYLLINE, administration & dosage/
AMINOPHYLLINE, therapeutic use/ ASTHMA,
diagnosis/ *ASTHMA, drug therapy/ ASTHMA,
physiopathology/ ASTHMA, therapy/
BRONCHODILATOR AGENTS, administration
& dosage/ BRONCHODILATOR AGENTS,
therapeutic use/ EPINEPHRINE,
administration & dosage/ EPINEPHRINE,
therapeutic use/ HUMAN/ IODIDES,
therapeutic use/ ISOPROTERENOL,
administration & dosage/ ISOPROTERENOL,
therapeutic use/ OXYGEN INHALATION
THERAPY/ RESPIRATION/ RESPIRATORY
FUNCTION TESTS/ REVIEW
1364. Frantz AG: Catecholamines and the control of prolactin secretion in humans. Prog Brain Res 39:311-22, 1973
*CATECHOLAMINES, physiology/ DOPA,
pharmacodynamics/ HUMAN/
PHENOTHIAZINES, metabolism/ PROLACTIN,
antagonists & inhibitors/ *PROLACTIN,
secretion
1365. Fransen G: Plasma free fatty acids, serum cortisol and circulatory response to insulin in acute schizophrenic men. Psychiatr Clin (Basel) 5:201-8, 1972
ACUTE DISEASE/ BLOOD PRESSURE, drug
effects/ BLOOD SUGAR, analysis/ *FATTY
ACIDS, NONESTERIFIED, blood/ HUMAN/
*HYDROCORTISONE, blood/ *INSULIN,
pharmacodynamics/ MALE/
PITUITARY-ADRENAL SYSTEM, drug effects/
PULSE, drug effects/ *SCHIZOPHRENIA,
blood/ SCHIZOPHRENIA, physiopathology/
TIME FACTORS
1366. Fraser HM, Gunn A: Proceedings: Effects of antiserum to luteinizing hormone releasing hormone during the oestrous cycle of the rat. J Endocrinol 61:xxi, Apr 74
ANIMAL EXPERIMENTS/ *ESTRUS, drug
effects/ FEMALE/ *IMMUNE SERUMS,
pharmacodynamics/ LH, blood/ *LH-FSH
RELEASING HORMONE/ OVULATION, drug
effects/ RATS
1367. Fraser IS, Gray C: Letter: Prostaglandin F2alpha and electroencephalogram changes. Lancet 2:49-50, 6 Jul 74
ABORTION, INDUCED/ BRAIN, drug effects/
COMPARATIVE STUDY/
*ELECTROENCEPHALOGRAPHY/ EPILEPSY/
FEMALE/ HUMAN/ PREGNANCY
COMPLICATIONS/ PROSTAGLANDINS,
adverse effects/ *PROSTAGLANDINS,
pharmacodynamics
1368. Frasier SD: A preview of growth hormone stimulation tests in children. Pediatrics 53:929-37, Jun 74
ARGININE, diagnostic use/ CORTICOTROPIN,
diagnostic use/ DIETHYLSTILBESTROL,
diagnostic use/ DOPA, diagnostic use/
ENDOTOXINS/ EXERTION/ FEMALE/
GLUCAGON, diagnostic use/
GLUCOCORTICOIDS, pharmacodynamics/
GLUCOSE, diagnostic use/ HUMAN/
HYPOGLYCEMIA, complications/
HYPOTHYROIDISM, complications/ INSULIN,
diagnostic use/ MALE/ OBESITY,
complications/ *PITUITARY GLAND
FUNCTION TESTS/ PSEUDOMONAS,
metabolism/ PUBERTY/ SEX HORMONES,
pharmacodynamics/ SLEEP/ SOMATOTROPIN,

AUTHOR SECTION

- blood/ *SOMATOTROPIN, secretion/
VASOPRESSIN, diagnostic use
1369. Frati L, Bilstad J, Edelhoch H, et al: Biosynthesis of the 27 S thyroid iodoprotein.
Arch Biochem Biophys 162:126-34, May 74
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CYCLOHEXIMIDE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ IODINE, analysis/ IODINE RADIOISOTOPES/ LEUCINE, metabolism/ MALE/ RATS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *THYROGLOBULIN, biosynthesis/ THYROGLOBULIN, metabolism/ THYROID GLAND, drug effects/ TIME FACTORS/ TRITIUM/ ULTRACENTRIFUGATION
1370. Frazier WA, Boyd LF, Szutowicz A, et al: Specific binding sites for 125I-nerve growth factor in peripheral tissues and brain.
Biochem Biophys Res Commun 57:1096-103, 23 Apr 74
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ BRAIN, drug effects/ *BRAIN, metabolism/ CHICK EMBRYO/ CHICK EMBRYO, growth & development/ COMPARATIVE STUDY/ ERYTHROCYTES, metabolism/ GANGLIA, AUTONOMIC, metabolism/ GUANETHIDINE, pharmacodynamics/ IODINE RADIOISOTOPES/ LIVER, metabolism/ MYOCARDIUM, metabolism/ *NERVE GROWTH FACTOR, metabolism/ ORGAN SPECIFICITY/ PROTEIN BINDING/ RATS/ *RECEPTORS, DRUG, drug effects/ SPECIES SPECIFICITY/ TIME FACTORS
1371. Frazier WA, Ohlendorf CE, Boyd LF, et al: Mechanism of action of nerve growth factor and cyclic AMP on neurite outgrowth in embryonic chick sensory ganglia: demonstration of independent pathways of stimulation.
Proc Natl Acad Sci USA 70:2448-52, Aug 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ *AXONS, drug effects/ BUTYRATES, pharmacodynamics/ GANGLIA, AUTONOMIC, drug effects/ GANGLIA, SPINAL, analysis/ GANGLIA, SPINAL, cytology/ *GANGLIA, SPINAL, drug effects/ GANGLIA, SPINAL, embryology/ GANGLIA, SPINAL, enzymology/ HYDROGEN-ION CONCENTRATION/ *NERVE GROWTH FACTOR, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics
1372. Frederick WC, Howard RG, Spatola S: Spontaneous rupture of the liver in patient using contraceptive pills. Arch Surg 108:93-5, Jan 74
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HEMORRHAGE, chemically induced/ HEPATECTOMY/ HEPATIC VEIN THROMBOSIS, chemically induced/ HEPATIC VEIN THROMBOSIS, complications/ HEPATIC VEIN THROMBOSIS, pathology/ HUMAN/ *LIVER DISEASES, chemically induced/ LIVER DISEASES, etiology/ LIVER DISEASES, surgery/ *RUPTURE, SPONTANEOUS, chemically induced/ RUPTURE, SPONTANEOUS, etiology/ RUPTURE, SPONTANEOUS, surgery
1373. Fredriksson T: Nytt steroidpreparat vid behandling av psoriasis och eksem.
Läkartidningen 29:2967-8, 29 Aug 73 (Swe)
ADOLESCENCE/ ADULT/ AGED/ BETAMETHASONE, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ *DERMATITIS, CONTACT, drug therapy/ *ECZEMA, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ *GLUCOCORTICOIDS, TOPICAL, therapeutic use/ HUMAN/ HYDROCARBONS, CHLORINATED, therapeutic use/ HYDROCARBONS, FLUORINATED, therapeutic use/ MALE/ MIDDLE AGE/ OINTMENTS/ *PSORIASIS, drug therapy/ VEHICLES
1374. Free CA, Paik VS, Shada JD: Inhibition by phenothiazines of adenylate cyclase in adrenal and brain tissue.
Adv Biochem Psychopharmacol 9:739-48, 1974
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, antagonists & inhibitors/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ *ADENYL CYCLASE, antagonists & inhibitors/ *ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CELLS, CULTURED/ CHLORPROMAZINE, pharmacodynamics/ CORTICOSTERONE, antagonists & inhibitors/ CORTICOTROPIN, antagonists & inhibitors/ CORTICOTROPIN, biosynthesis/ ENZYME ACTIVATION, drug effects/ EPINEPHRINE, pharmacodynamics/ HIPPOCAMPUS, metabolism/ HISTAMINE, pharmacodynamics/ IMIPRAMINE, pharmacodynamics/ IN VITRO/ PHENOTHIAZINES, antagonists & inhibitors/ *PHENOTHIAZINES, pharmacodynamics/ PHOSPHORUS RADIOISOTOPES/ TRITIUM
1375. Freeman MV, Williams DW, Schimke RN, et al: The Roberts syndrome. Clin Genet 5:1-16, Jan 74
ABNORMALITIES, MULTIPLE, familial & genetic/ BIRTH WEIGHT/ CHROMOSOME ABNORMALITIES, familial & genetic/ *CLEFT LIP, familial & genetic/ *CLEFT PALATE, familial & genetic/ CONSANGUINITY/ CRANIOFACIAL DYSOSTOSIS, familial & genetic/ CRYPTORCHISM, familial & genetic/ *ECTROMELIA, familial & genetic/ FEMALE/ GROWTH DISORDERS, familial & genetic/ HUMAN/ LYMPHOCYTES, cytology/ MALE/ MITOSIS/ PEDIGREE/ *PENIS, abnormalities/ SYNDACTYLIA, familial & genetic/ SYNDROME
1376. Fregnan GB: Inhibition of platelet aggregation by anti-5-hydroxytryptaminic and alpha-adrenergic blocking agents.
Acta Univ Carol [Med Monogr] (Praha) 53:263-8, 1972
ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, administration & dosage/ *ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/ ANIMAL EXPERIMENTS/ COLLAGEN, antagonists & inhibitors/ COMPARATIVE STUDY/ DENSITOMETRY/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ EPINEPHRINE, antagonists & inhibitors/ ERGOLINES, administration & dosage/ IN VITRO/ INJECTIONS, INTRAVENOUS/ METHYSERGIDE, administration & dosage/ NICOTINIC ACID, administration & dosage/ PHENTOLAMINE, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, antagonists & inhibitors/ TEMPERATURE/ THROMBIN, antagonists & inhibitors/ TIME FACTORS
1377. French LR, Casida LE: Effect of actinomycin D on luteal regression induced by intrauterine devices.
J Anim Sci 39:83-6, Jul 74
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, anatomy & histology/ *CORPUS LUTEUM, drug effects/ CORPUS LUTEUM, physiology/ DACTINOMYCIN, administration & dosage/ *DACTINOMYCIN, pharmacodynamics/ FEMALE/ INJECTIONS/ *INTRAUTERINE DEVICES/ *SHEEP, physiology/ UTERUS
1378. French RS, Ziter FA, Spruance SL, et al: Chronic meningitis caused by Propionibacterium acnes. A potentially important clinical entity.
Neurology (Minneapolis) 24:624-8, Jul 74
ANTIBODIES, analysis/ BACTERIAL INFECTIONS, cerebrospinal fluid/ BACTERIAL INFECTIONS, diagnosis/ BACTERIAL INFECTIONS, drug therapy/ BACTERIAL INFECTIONS, immunology/ BRAIN, microbiology/ CEREBROSPINAL FLUID, microbiology/ CHRONIC DISEASE/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ MALE/ MENINGES, microbiology/ MENINGITIS, blood/ MENINGITIS,

AUTHOR SECTION

- cerebrospinal fluid/ MENINGITIS, diagnosis/ MENINGITIS, drug therapy/ *MENINGITIS, etiology/ MENINGITIS, immunology/ MENINGITIS, microbiology/ PENICILLIN, therapeutic use/ PREDNISON, therapeutic use/ PROPIONIBACTERIUM, isolation & purification/ *PROPIONIBACTERIUM, pathogenicity/ SEPTICEMIA, microbiology/ TETRACYCLINE, therapeutic use
1379. Frenning B, Johansson H, Ohlin PG: Parathyroid hormone and gastric mucosal surface ultrastructure. *Ups J Med Sci* 79:90-3, 1974
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ *EPITHELIAL CELLS, drug effects/ EPITHELIUM, drug effects/ EPITHELIUM, pathology/ *GASTRIC MUCOSA, drug effects/ GASTRIC MUCOSA, pathology/ MALE/ MICROSCOPY, ELECTRON, SCANNING/ *PARATHYROID HORMONE, pharmacodynamics
1380. Frénoy JP, Ménard J, Pesquière P, et al: Purification of neurophysins by affinity chromatography. *Eur J Biochem* 43:371-5, 1 Apr 74
AMINO ACIDS, analysis/ CHROMATOGRAPHY, AFFINITY/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ EVALUATION STUDIES/ GEL FILTRATION/ IODINE RADIOISOTOPES/ LYSINE/ METHODS/ MOLECULAR WEIGHT/ *NEUROPHYSINS, isolation & purification/ PITUITARY GLAND, POSTERIOR/ RABBITS, immunology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SWINE/ VASOPRESSIN
1381. Frey H: Medikamentell behandling av akutt hyperkalsemi. *Tidsskr Nor Lægeforen* 94:847-8, 10 May 74 (Nor)
ACUTE DISEASE/ CALCITONIN, administration & dosage/ *CALCITONIN, therapeutic use/ CORTISONE, administration & dosage/ *CORTISONE, therapeutic use/ FEMALE/ HUMAN/ *HYPERCALCEMIA, drug therapy/ PHOSPHATES, therapeutic use
1382. Freychet P, Brandenburg D, Wollmer A: Receptor-binding assay of chemically modified insulins. Comparison with in vitro and in vivo bioassays. *Diabetologia* 10:1-5, Feb 74
ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL ASSAY/ CELL MEMBRANE, metabolism/ CHEMISTRY, ORGANIC/ CIRCULAR DICHROISM/ COMPARATIVE STUDY/ CROSS REACTIONS/ IN VITRO/ *INSULIN, metabolism/ IODINE RADIOISOTOPES/ LIVER, metabolism/ PROINSULIN, metabolism/ *PROTEIN BINDING/ *RECEPTORS, HORMONE/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE
1383. Frick J: Improved plasma testosterone assay by competitive protein binding and clinical availability. *Invest Urol* 12:27-9, Jul 74
AGE FACTORS/ BINDING, COMPETITIVE/ CHROMATOGRAPHY, THIN LAYER/ ESTRADIOL, blood/ ETHINYL ESTRADIOL, therapeutic use/ FEMALE/ HEXESTROL, therapeutic use/ HUMAN/ KLINEFELTER'S SYNDROME, blood/ MALE/ METHODS/ PROSTATIC NEOPLASMS, blood/ PROSTATIC NEOPLASMS, drug therapy/ *PROTEIN BINDING/ PUBERTY/ SEX FACTORS/ TESTIS, blood supply/ TESTIS, surgery/ *TESTOSTERONE, blood/ TRITIUM/ VARICOCELE, blood/ VEINS
1384. Friedel T: Endocrine control of vitellogenesis in the harlequin bug, *Dindymus versicolor*. *J Insect Physiol* 20:717-33, Apr 74
ANIMAL EXPERIMENTS/ FEMALE/ *INSECTS, physiology/ *NEUROSECRETORY SYSTEMS, physiology/ OVUM, growth & development/ *OVUM, physiology
1385. Frieden E, Yoshizato K: Thyromimetic activity of methylthyronines in the bullfrog tadpole. *Endocrinology* 95:188-94, Jul 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ METHYLATION/ RANA CATESBEIANA/ *TAIL, drug effects/ *THYRONINE, pharmacodynamics/ THYROXINE, pharmacodynamics/ *UREA, metabolism
1386. Friedman HA, Bianchi CF, Weiss SJ: Structural aspects of the effect of ethyl aminobenzoates on caffeine contracture. *J Pharmacol Exp Ther* 189:423-33, May 74
ACTION POTENTIALS, drug effects/ AMINO BENZOIC ACID, metabolism/ *AMINO BENZOIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CAFFEINE, pharmacodynamics/ CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ DEPRESSION, CHEMICAL/ FROGS/ ISOMERISM/ MODELS, STRUCTURAL/ *MUSCLE CONTRACTION, drug effects/ MUSCLES, metabolism/ STIMULATION, CHEMICAL/ STRUCTURE-ACTIVITY RELATIONSHIP
1387. Friedmann G, Schmücker K, Bützler HO: Zur Angiographie der retroperitonealen Organe im Kindesalter. *Monatsschr Kinderheilkd* 122:160-3, Apr 74 (Ger)
ABDOMINAL INJURIES, radiography/ AGE FACTORS/ *ANGIOGRAPHY/ ANGIOGRAPHY, adverse effects/ AORTOGRAPHY/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ KIDNEY, blood supply/ KIDNEY, injuries/ KIDNEY DISEASES, radiography/ KIDNEY NEOPLASMS, radiography/ MALE/ METHODS/ NEUROBLASTOMA, radiography/ PHEOCHROMOCYTOMA, radiography/ REGIONAL BLOOD FLOW/ RETROPERITONEAL NEOPLASMS, radiography/ *RETROPERITONEAL SPACE, radiography
1388. Friedrich F, Breitenacker G, Salzer H, et al: The progesterone content of the fluid and the activity of the steroid-3 β -ol-dehydrogenase within the wall of the ovarian follicles. *Acta Endocrinol (Kbh)* 76:343-52, Jun 74
ADOLESCENCE/ ADULT/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ CORPUS LUTEUM, enzymology/ CORPUS LUTEUM, metabolism/ CORPUS LUTEUM CYST, metabolism/ FEMALE/ GRAAFIAN FOLLICLE, enzymology/ *GRAAFIAN FOLLICLE, metabolism/ GRAAFIAN FOLLICLE, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYDROXYSTEROID DEHYDROGENASES, analysis/ MENSTRUATION/ MIDDLE AGE/ OVULATION/ OVUM/ PROGESTERONE, blood/ *PROGESTERONE, metabolism/ TIME FACTORS
1389. Friedrichs D, Schoner W: Regulation of gluconeogenesis by alanine. *Biochim Biophys Acta* 343:341-55, 22 Apr 74
ALANINE, metabolism/ *ALANINE, pharmacodynamics/ AMINOISOBUTYRIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, pharmacodynamics/ *GLUCONEOGENESIS, drug effects/ GLYCOLYSIS, drug effects/ KIDNEY TUBULES, drug effects/ KIDNEY TUBULES, metabolism/ LACTATES, metabolism/ LIVER, drug effects/ LIVER, metabolism/ MALE/ ORGAN SPECIFICITY/ PARATHYROID HORMONE, pharmacodynamics/ PHOSPHORUS RADIOISOTOPES/ STARVATION
1390. Friend DG: Aspirin: the unique drug. *Arch Surg* 108:765-9, Jun 74 (27 ref.)
ASPIRIN, adverse effects/ *ASPIRIN, therapeutic use/ BLOOD PLATELETS, drug effects/ DRUG INTERACTIONS/ DRUG SYNERGISM/ HEMORRHAGE, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/

AUTHOR SECTION

- HUMAN/ INFLAMMATION, drug therapy/
PLATELET ADHESIVENESS, drug effects/
PROSTAGLANDINS, physiology/ REVIEW/
THROMBOSIS, prevention & control
1391. (Friesen HG): Citation for the Eli Lilly Lecturer of The Endocrine Society for 1974 to Henry G. Friesen, M.D. Endocrinology 95:333-4, Jul 74
*AWARDS AND PRIZES/ CANADA/
CURRENT BIOG-OBIT/ *ENDOCRINOLOGY/
UNITED STATES
1392. Frindt G, Burg MB: Effect of vasopressin on sodium transport in renal cortical collecting tubules. Kidney Int 1:224-31, Apr 72
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT, ACTIVE, drug effects/ CELL
MEMBRANE PERMEABILITY, drug effects/
CHLOROBUTANOL, pharmacodynamics/ DIET/
FEMALE/ IODINE RADIOISOTOPES/ KIDNEY
CORTEX, drug effects/ *KIDNEY CORTEX,
metabolism/ KIDNEY TUBULES, drug effects/
*KIDNEY TUBULES, metabolism/ MEMBRANE
POTENTIALS, drug effects/ POTASSIUM,
pharmacodynamics/ RADIOISOTOPES/
*SODIUM, metabolism/ SODIUM,
pharmacodynamics/ SODIUM ISOTOPES/ TIME
FACTORS/ *VASOPRESSIN, pharmacodynamics
1393. Frink RJ, Merrick B: The sheep heart: coronary and conduction system anatomy with special reference to the presence of an os cordis. Anat Rec 179:189-200, Jun 74
ANIMAL EXPERIMENTS/ BARIUM SULFATE/
BONE AND BONES, radiography/
*CORONARY VESSELS, anatomy & histology/
CORONARY VESSELS, radiography/ HEART
ATRIUM, radiography/ HEART CONDUCTION
SYSTEM, anatomy & histology/ *HEART
CONDUCTION SYSTEM, blood supply/ HEART
SEPTUM, anatomy & histology/ PURKINJE
CELLS/ *SHEEP, anatomy & histology/
SINO-ATRIAL NODE, blood supply
1394. Frisell WR, Randolph VM: N-methyl oxidation in liver mitochondria of triiodothyronine-treated and thyroidectomized rats. Biochim Biophys Acta 347:145-50, 22 May 74
ADENOSINE DIPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CARBON RADIOISOTOPES/ CHOLINE,
metabolism/ COMPARATIVE STUDY/
ELECTRON TRANSPORT/ FORMALDEHYDE/
GLYCEROPHOSPHATES, metabolism/
MITOCHONDRIA, LIVER, drug effects/
*MITOCHONDRIA, LIVER, enzymology/
OXIDATIVE PHOSPHORYLATION, drug
effects/ *OXIDOREDUCTASES,
N-DEMETHYLATING, metabolism/ OXYGEN
CONSUMPTION, drug effects/ SARCOSINE,
metabolism/ SERINE/ SUCCINATES,
metabolism/ *THYROID GLAND, physiology/
THYROIDECTOMY/ TIME FACTORS/
*TRIIODOTHYRONINE, pharmacodynamics
1395. Frith DA, Snart RS: Proceedings: Effect of prostaglandins on water transport across the isolated toad bladder. J Physiol (Lond) 238:43P-44P, Apr 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT, ACTIVE, drug effects/
*BLADDER, metabolism/ BUFO MARINUS/ IN
VITRO/ *PROSTAGLANDINS,
pharmacodynamics/ THEOPHYLLINE,
pharmacodynamics/ *WATER-ELECTROLYTE
BALANCE, drug effects
1396. Fröhlich H, Breitenacker G, Gruber W: Die Genitaltuberkulose der Frau. Wien Med Wochenschr 124:335-7, 1 Jun 74 (Ger)
ADNEXA UTERI/ ADOLESCENCE/ ADULT/
AGE FACTORS/ AGED/ CURETTAGE/
ENDOMETRIUM/ FALLOPIAN TUBES/
FEMALE/ HUMAN/ MIDDLE AGE/ OVARIAN
DISEASES, diagnosis/ TUBERCULOSIS,
FEMALE GENITAL, complications/
*TUBERCULOSIS, FEMALE GENITAL,
diagnosis/ TUBERCULOSIS, FEMALE
GENITAL, surgery/ UTERINE NEOPLASMS,
complications
1397. Fryberg M, Oehlschlager AC, Unrau AM: Sterol biosynthesis in antibiotic-resistant yeast: nystatin. Arch Biochem Biophys 180:83-9, Jan 74
CARBON RADIOISOTOPES/ CELL DIVISION/
CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ *DRUG RESISTANCE,
MICROBIAL/ ERGOSTEROL, biosynthesis/
LANOSTEROL, biosynthesis/ MUTATION/
NUCLEAR MAGNETIC RESONANCE/
*NYSTATIN, pharmacodynamics/
*PHYTOSTEROLS, biosynthesis/
SACCHAROMYCES CEREVISIAE, drug effects/
*SACCHAROMYCES CEREVISIAE, metabolism/
SPECIES SPECIFICITY/ SPECTRUM
ANALYSIS, MASS
1398. Frydman M, Hertz M, Goodman RM: The genetic entity of hypochondroplasia. Clin Genet 5:223-9, 1974
ACHONDROPLASIA, diagnosis/
ACHONDROPLASIA, radiography/ BODY
HEIGHT/ COMPARATIVE STUDY/
DIAGNOSIS, DIFFERENTIAL/ DWARFISM,
complications/ DWARFISM, diagnosis/
*DWARFISM, familial & genetic/ DWARFISM,
radiography/ FEMALE/ FINGERS, radiography/
HUMAN/ LEG, radiography/ LORDOSIS,
etiology/ MALE
1399. Frydman RB, Tomaro ML, Wanschelbaum A, et al: Porphobilinogen oxygenase: isolation and properties. Enzyme 16:160-71, 1973
ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, DEAE-CELLULOSE/
CHROMATOGRAPHY, ION EXCHANGE/
CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ DEOXYCHOLIC
ACID/ DIGITONIN/ ENZYME INDUCTION/
FEMALE/ GEL FILTRATION/ KINETICS/
MICROSOMES, LIVER, drug effects/
*MICROSOMES, LIVER, enzymology/
NUCLEAR MAGNETIC RESONANCE/
*OXYGENASES, isolation & purification/
OXYGENASES, metabolism/ PHENOBARBITAL,
pharmacodynamics/ PORPHOBILINOGEN/
PORPHOBILINOGEN, pharmacodynamics/
PREGNENOLONE, pharmacodynamics/
PROGESTERONE, pharmacodynamics/ RATS/
SPECTROPHOTOMETRY/
SPECTROPHOTOMETRY, ULTRAVIOLET/
TIME FACTORS
1400. Fuchs AR, Mok E, Sundaram K: Luteolytic effects of prostaglandins in rat pregnancy, and reversal by luteinizing hormone. Acta Endocrinol (Kbh) 76:583-96, Jul 74
ANIMAL EXPERIMENTS/ *CORPUS LUTEUM,
drug effects/ DEPRESSION, CHEMICAL/
DOSE-RESPONSE RELATIONSHIP, DRUG/
FEMALE/ *LH, pharmacodynamics/
*PREGNANCY, ANIMAL/ *PROGESTERONE,
blood/ PROLACTIN, pharmacodynamics/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics/
RADIOIMMUNOASSAY/ STIMULATION,
CHEMICAL/ TIME FACTORS
1401. Fuentes Aguilar R: El bocio en México. Salud Publica Mex 15:513-82, Jul-Aug 73 (Spa)
ADOLESCENCE/ ADULT/ ANIMAL
EXPERIMENTS/ CHILD/ CHILD,
PRESCHOOL/ FEMALE/ *GOITER, ENDEMIC,
occurrence/ HUMAN/ MALE/ MEXICO/
MIDDLE AGE/ RATS/ THYROID
NEOPLASMS, classification/ *THYROID
NEOPLASMS, occurrence
1402. Fuge H: The arrangement of microtubules and the attachment of chromosomes to the spindle during anaphase in tipulid spermatocytes. Chromosoma 45:245-60, 9 Apr 74
ANIMAL EXPERIMENTS/ *CHROMOSOMES/
*DIPTERA/ ENDOPLASMIC RETICULUM/ IN
VITRO/ MALE/ *MEIOSIS/ MICROSCOPY,
ELECTRON/ *MICROTUBULES/ *ORGANOIDS/
SEX CHROMOSOMES/ *SPERMATOZOA,
cytology
1403. Fujihira E, Oshima T, Takahashi M, et al: Bile acid

AUTHOR SECTION

- composition in the fistula bile from fasted, cholesterol-fed or thyroid powder-fed rats. Chem Pharm Bull (Tokyo) 22:196-200, Jan 74
- ANIMAL EXPERIMENTS/ *BILE, analysis/ *BILE ACIDS AND SALTS, analysis/ BILIARY FISTULA/ *CHOLESTEROL, DIETARY/ FASTING/ RATS/ SULFUR RADIOISOTOPES/ *THYROID HORMONES, pharmacodynamics
1404. Fujii T, Kato J: Proceedings: Effects of L-DOPA, disulfiram and haloperidol on reappearance of cyclicity in androgen-sterilized rats (ASR). Jap J Pharmacol 24:Suppl:127, 1974
- ANDROGENS/ ANIMAL EXPERIMENTS/ *DISULFIRAM, pharmacodynamics/ *DOPA, pharmacodynamics/ *ESTRUS, drug effects/ FEMALE/ *HALOPERIDOL, pharmacodynamics/ STERILITY, FEMALE, chemically induced
1405. Fujino M, Yamazaki I, Kobayashi S, et al: Some analogs of luteinizing hormone releasing hormone (LH-RH) having intense ovulation-inducing activity. Blochem Biophys Res Commun 57:1248-56, 23 Apr 74
- AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ ESTRUS, drug effects/ FEMALE/ FSH, blood/ LH, blood/ *LH-FSH RELEASING HORMONE, chem synthesis/ LH-FSH RELEASING HORMONE, pharmacodynamics/ OPTICAL ROTATION/ *OVULATION, drug effects/ RATS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRUCTURE-ACTIVITY RELATIONSHIP
1406. Fujita H, Murakami T: Scanning electron microscopy on the distribution of the minute blood vessels in the thyroid gland of the dog, rat and rhesus monkey. Arch Histol Jap 36:181-8, Jan 74
- ANIMAL EXPERIMENTS/ *CAPILLARIES, cytology/ DOGS/ MACACA/ MALE/ METHYLMETHACRYLATE, diagnostic use/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ MONKEYS/ RATS/ *THYROID GLAND, blood supply
1407. Fujita T: [Hyperparathyroidism] Clin Endocrinol (Tokyo) 22:34-5, Jan 74 (Jap)
- HUMAN/ *HYPERPARATHYROIDISM, therapy/ HYPERPARATHYROIDISM, SECONDARY, therapy
1408. Fujita T, Okano K, Orimo H, et al: Release of immunoreactive parathyroid hormone from rat parathyroid gland in organ culture. Endocrinology 95:30-7, Jul 74
- ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CARBON RADIOISOTOPES/ GEL FILTRATION/ GUINEA PIGS, immunology/ IMMUNE SERUMS/ IODINE RADIOISOTOPES/ MAGNESIUM, pharmacodynamics/ MALE/ ORGAN CULTURE/ PARATHYROID GLANDS, drug effects/ *PARATHYROID GLANDS, secretion/ *PARATHYROID HORMONE, secretion/ RADIOIMMUNOASSAY/ TIME FACTORS
1409. Fujita Y, Iwama M, Inoue T: Neurally evoked changes of regional oxygen tension and their relationship to regional electrical activities and blood flow in rabbit cerebellum. Brain Res 74:185-99, 12 Jul 74
- ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CEREBELLUM, metabolism/ *CEREBELLUM, physiology/ CEREBRAL ARTERIES, innervation/ *CEREBROVASCULAR CIRCULATION/ ELECTRIC STIMULATION/ *EVOKED POTENTIALS/ HYPOTHALAMUS, physiology/ *OXYGEN, blood/ OXYGEN CONSUMPTION/ PARTIAL PRESSURE/ PURKINJE CELLS, physiology/ SCIATIC NERVE, physiology/ VAGUS NERVE, physiology/ VASOMOTOR SYSTEM, physiology/ VERTEBRAL ARTERY, innervation/ VERTEBRAL ARTERY, physiology
1410. Fukuda N, Saji Y, Nagawa Y: Neuropharmacological studies of effect of new central depressant, 8-chloro-6-phenyl-4H-s-triazolo (4,3-a) (1,4) benzodiazepine (D-40TA) on EEG and central sympathetic activating mechanism in cats. Jap J Pharmacol 24:75-88, Feb 74
- ANIMAL EXPERIMENTS/ AROUSAL/ *BENZAZEPINES, pharmacodynamics/ *BRAIN, drug effects/ DIAZEPAM, pharmacodynamics/ *ELECTROENCEPHALOGRAPHY/ FEMALE/ HYPOTHALAMUS, drug effects/ MALE/ NITRAZEPAM, pharmacodynamics/ RETICULAR FORMATION, drug effects/ SCIATIC NERVE, drug effects/ *SYMPATHETIC NERVOUS SYSTEM, drug effects/ THALAMUS, drug effects/ TRIAZOLES, pharmacodynamics
1411. Füllgraff G, Brandenbusch G: Comparison of the effects of the prostaglandins A₁, E₂, and F₂α on kidney function in dogs. Pfluegers Arch 349:9-17, 24 May 74
- ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CALCIUM, metabolism/ CHLORIDES, metabolism/ DIURESIS, drug effects/ FEMALE/ GLOMERULAR FILTRATION RATE, drug effects/ KIDNEY, blood supply/ *KIDNEY, physiology/ MALE/ NATRIURESIS, drug effects/ POTASSIUM, urine/ *PROSTAGLANDINS, pharmacodynamics/ REGIONAL BLOOD FLOW, drug effects/ URINE, drug effects/ WATER, metabolism
1412. Fuller CA, Horowitz JM, Horowitz BA: Central regulation of temperature in cold environments. II. A dynamic model with three temperature inputs. Comput Biomed Res 7:164-82, Apr 74
- ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION/ CENTRAL NERVOUS SYSTEM, physiology/ *COLD/ COMPUTERS, DIGITAL/ FEEDBACK/ FEVER, physiopathology/ HYPOTHALAMUS, physiology/ *MODELS, BIOLOGICAL/ NEURAL INTERCONNECTIONS/ SPINAL CORD, physiology/ THERMORECEPTORS, physiology
1413. Fullilove SL, Woodruff RC: Genetic, cytological, and ultrastructural characterization of a temperature-sensitive lethal in *Drosophila melanogaster*. Dev Biol 38:291-307, Jun 74
- ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CHROMOSOME MAPPING/ CROSSES, GENETIC/ CYTOPLASM/ *DROSOPHILA MELANOGASTER, embryology/ ENDOPLASMIC RETICULUM/ *GENES, LETHAL/ GENES, RECESSIVE/ GENOTYPE/ LINKAGE (GENETICS)/ MICROSCOPY, ELECTRON/ MUTATION/ OVUM, cytology/ SEX CHROMOSOMES/ *TEMPERATURE
1414. Funder JW, Duval D, Meyer P, et al: Mineralocorticoid receptors in salt-susceptible and salt-resistant rats. Endocrinology 94:1739-43, Jun 74
- *ALDOSTERONE, secretion/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ CELL NUCLEUS, metabolism/ CYTOPLASM, metabolism/ *DESOXYCORTICOSTERONE, secretion/ FEMALE/ *HYPERTENSION, metabolism/ KIDNEY, cytology/ RATS/ *RECEPTORS, HORMONE/ TRITIUM
1415. Fung WP, Karim SM, Tye CY: Effect of 15(R)15 methylprostaglandin E₂ methyl ester on healing of gastric ulcers. Controlled endoscopic study. Lancet 2:10-2, 6 Jul 74
- ADMINISTRATION, ORAL/ CLINICAL RESEARCH/ ESTERS, administration & dosage/ ESTERS, therapeutic use/ FEMALE/ GASTRIC MUCOSA, drug effects/ *GASTROSCOPY, instrumentation/ GRANULATION TISSUE, drug effects/ HUMAN/ MALE/ MUCUS, secretion/ PROSTAGLANDINS, administration & dosage/ PROSTAGLANDINS, pharmacodynamics/ *PROSTAGLANDINS, therapeutic use/ RACIAL STOCKS/ STOMACH ULCER, diagnosis/ *STOMACH ULCER, drug therapy/ WOUND HEALING, drug effects
1416. Furihata R: [Thyroid tumor] Clin Endocrinol (Tokyo) 22:20-5, Jan 74 (Jap)
- *ADENOCARCINOMA, therapy/ *ADENOCARCINOMA, PAPILLARY, therapy/

AUTHOR SECTION

*GOITER, NODULAR, therapy/ HUMAN/
*THYROID NEOPLASMS, therapy

1417. Furuhjelm M: Östrogenbehandling av kvinnor efter menopausen.

Lakartidningen 71:605-7, 13 Feb 74 (Swe)

BONE AND BONES, drug effects/
ENDOMETRIUM, drug effects/ ENGLISH
ABSTRACT/ ESTROGENIC SUBSTANCES,
CONJUGATED, administration & dosage/
*ESTROGENIC SUBSTANCES, CONJUGATED,
pharmacodynamics/ ESTROGENS,
administration & dosage/ ESTROGENS,
adverse effects/ *ESTROGENS,
pharmacodynamics/ FEMALE/ HUMAN/
*MENOPAUSE, drug effects/ NEOPLASMS,
chemically induced/ PSYCHOPHYSIOLOGIC
DISORDERS, drug effects/ SKIN, drug effects

1418. Furukawa K, Nomoto T: Proceedings:

5-hydroxytryptamine receptors in isolated rat ileum.
Jap J Pharmacol 24:Suppl:95, 1974

ANIMAL EXPERIMENTS/
*CHEMORECEPTORS/ *ILEUM, innervation/
IN VITRO/ *SEROTONIN, physiology

1419. Furusawa M, Nishimura T, Yamazumi M, et al: Injection of foreign substances into single cells by cell fusion. Nature 249:449-50, 31 May 74

AMNION/ CELL DIVISION/ *CELL FUSION/
CELL LINE/ CULTURE MEDIA/
*ERYTHROCYTES/ FLUORESCINS/
HEMOGLOBIN/ HUMAN/ *HYBRID CELLS/
METHODS/ SENDAI VIRUS/ THIOCYANATES

1420. Furuta H, Ogura Y: Proceedings: Cadmium poisoning effects on the rat dental tissues and bones. Jap J Pharmacol 24:Suppl:14, 1974

ANIMAL EXPERIMENTS/ *BONE AND
BONES, pathology/ *CADMIUM, poisoning/
*TOOTH, pathology

1421. Fuxe K, Corrodi H, Hökfelt T, et al: Ergocornine and 2-Br-alpha-ergocryptine. Evidence for prolonged dopamine receptor stimulation. Med Biol 52:121-32, Apr 74

ANIMAL EXPERIMENTS/ APOMORPHINE,
pharmacodynamics/ BEHAVIOR, ANIMAL, drug
effects/ *BRAIN, drug effects/ BROMINE,
administration & dosage/ BROMINE,
pharmacodynamics/ CEREBRAL CORTEX, drug
effects/ *CHEMORECEPTORS, drug effects/
CORPUS STRIATUM, drug effects/
DEPRESSION, CHEMICAL/ *DOPAMINE,
metabolism/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ ERGOT ALKALOIDS,
administration & dosage/ *ERGOT
ALKALOIDS, pharmacodynamics/ HINDLIMB,
drug effects/ HYPOTHALAMUS, drug effects/
LIMBIC SYSTEM, drug effects/ MALE/
METHYLTYROSINES, pharmacodynamics/
*NOREPINEPHRINE, metabolism/
OLFACTORY PATHWAYS, drug effects/
PIMOZIDE, pharmacodynamics/ REFLEX, drug
effects/ STIMULATION, CHEMICAL

1422. Fyfe WE, O'Connor JD: Characterization and quantification of a crustacean lipovitellin. Comp Biochem Physiol [B] 47:851-87, 15 Apr 74

AMINO ACIDS, analysis/ ANIMAL
EXPERIMENTS/ CAROTENOIDS, analysis/
CEPHALINS, analysis/ CHROMATOGRAPHY,
GAS/ CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ *CRAYFISH/ *EGG
PROTEINS, analysis/ ELECTROPHORESIS,
DISC/ FATTY ACIDS, analysis/ FEMALE/
GEL DIFFUSION TESTS/ HEMOLYMPH/
HYDROGEN-ION CONCENTRATION/
IMMUNOELECTROPHORESIS/ LECITHINS,
analysis/ LIPOPROTEINS, HDL, analysis/
MALE/ MATHEMATICS/ MOLECULAR
WEIGHT/ OVARY, analysis/ RABBITS,
immunology/ SPECTROPHOTOMETRY/
SPECTROPHOTOMETRY, ULTRAVIOLET

G

1423. Gabb RG, Stone GM: The uptake of radioactivity by the uterus of the rabbit following the systemic administration of (3H) estradiol-17beta and (3H)

estrone and the identification and subcellular localization of radiometabolites in the uterus. Steroids 23:879-93, Jun 74

ACETYLATION/ ANIMAL EXPERIMENTS/
CELL FRACTIONATION/ CELL NUCLEUS,
metabolism/ CHROMATOGRAPHY, THIN
LAYER/ CYTOSOL, metabolism/ ESTRADIOL,
blood/ *ESTRADIOL, metabolism/ ESTRONE,
blood/ *ESTRONE, metabolism/ FEMALE/
HYDROXYSTEROID DEHYDROGENASES,
metabolism/ INJECTIONS, SUBCUTANEOUS/
MICROSOMES, metabolism/ MITOCHONDRIA,
metabolism/ TRITIUM/ UTERUS, cytology/
*UTERUS, metabolism

1424. Gabbiani G, Badonnel MC, Mathewson SM, et al: Acute cadmium intoxication. Early selective lesions of endothelial clefts. Lab Invest 30:686-95, Jun 74

ANIMAL EXPERIMENTS/ *BLOOD VESSELS,
drug effects/ *CADMIUM, toxicity/ CELL
MEMBRANE, drug effects/ CELL NUCLEUS/
CYTOPLASM/ DILATATION/ ENDOTHELIUM,
cytology/ *ENDOTHELIUM, drug effects/
ENDOTHELIUM, pathology/ EPIDIDYMS,
blood supply/ EPIDIDYMS, drug effects/
FERRITIN, metabolism/ MALE/ MICROSCOPY,
ELECTRON/ TESTIS, blood supply/ TESTIS,
drug effects/ TRIGEMINAL NERVE, blood
supply/ TRIGEMINAL NERVE, drug effects

1425. Gabriel R, Harrison BD: Meningioma mimicking features of a pheochromocytoma. Br Med J 2:312, 11 May 74

*BRAIN NEOPLASMS, diagnosis/ CEREBRAL
ANGIOGRAPHY/ CEREBRAL ARTERIES/
DIAGNOSIS, DIFFERENTIAL/
ELECTROENCEPHALOGRAPHY/ FEMALE/
HUMAN/ HYPERTENSION, complications/
*MENINGIOMA, diagnosis/ MIDDLE AGE/
PHENTOLAMINE, therapeutic use/
*PHEOCHROMOCYTOMA, diagnosis/
VANILMANDELIC ACID, urine

1426. Gabrilove JL, Nicolls GL, Sohval AR: The testis in Cushing's syndrome. J Urol 112:95-9, Jul 74

ADRENALECTOMY/ BIOPSY/ CUSHING'S
SYNDROME, blood/ CUSHING'S SYNDROME,
complications/ CUSHING'S SYNDROME,
pathology/ *CUSHING'S SYNDROME,
physiopathology/ CUSHING'S SYNDROME,
urine/ ESTROGENS, blood/ FSH, blood/
HUMAN/ IMPOTENCE, etiology/ LH, blood/
LIBIDO/ MALE/ SEMEN, analysis/ TESTIS,
pathology/ *TESTIS, physiopathology/
TESTOSTERONE, blood/ TESTOSTERONE,
urine

1427. Gabryelewicz A, Szalaj W, Kinalska I, et al: The effect of prostaglandin E1 on exocrine pancreatic secretion (in vivo and in vitro). Pol J Pharmacol Pharm 26:263-7, Jan-Apr 74

*AMYLASE, metabolism/ ANIMAL
EXPERIMENTS/ CHOLECYSTOKININ,
pharmacodynamics/ DUODENUM/ IN VITRO/
*LIPASE, metabolism/ OXYGEN
CONSUMPTION, drug effects/ *PANCREAS,
drug effects/ PANCREAS, enzymology/
PANCREOZYMIN, pharmacodynamics/
PERFUSION/ *PROSTAGLANDINS,
pharmacodynamics

1428. Gaede P: Kvalitativ bestemmelse af choriongonadotropin (HCG) i gravide kvinders urin--en kritisk vurdering af en række immunologiske graviditetsprøver. Ugeskr Laeger 136:1244-9, 3 Jun 74 (Dan)

ENGLISH ABSTRACT/ EVALUATION
STUDIES/ FALSE NEGATIVE REACTIONS/
FALSE POSITIVE REACTIONS/ FEMALE/
*GONADOTROPINS, CHORIONIC, urine/
HUMAN/ PREGNANCY/ *PREGNANCY
TESTS, IMMUNOLOGIC/ TIME FACTORS/
VAGINAL SMEARS

1429. Gaede P, Norgaard-Pedersen B: Serum human placental lactogen hormone concentration in the second half of pregnancy determined by a simple immunoelectrophoretic technique. Acta Endocrinol (Kbh) 76:369-76, Jun 74

ANTIBODIES/ BINDING, COMPETITIVE/

AUTHOR SECTION

- CIRCADIAN RHYTHM/ FEMALE/
HALF-LIFE/ HUMAN/
IMMUNOELECTROPHORESIS/
IMMUNOGLOBULINS/ METHODS/
*PLACENTAL LACTOGEN, blood/
PREGNANCY/ *PROGESTERONE, blood/
PROTEIN BINDING/ RABBITS, immunology/
TIME FACTORS
1430. Gagne R, Vagner-Capodano AM, Devictor-Vuillet M: Intérêt de la localisation de l'hétérochromatine pour l'identification des chromosomes méiotiques à la diacinese chez l'homme. C R Acad Sci [D] (Paris) 276:769-71, 29 Jan 73 (Fre)
CYTOGENETICS/ CYTOLOGICAL TECHNIQS/
*HETEROCHROMATIN/ HUMAN/ *MEIOSIS/
METHODS/ STAINS AND STAINING/ TESTIS, cytology
1431. Gagnon R, Ogden GW, Just G, et al: Comparison of dihydrotachysterol and 5,6-trans vitamin D3 on intestinal calcium absorption in patients with chronic renal failure. Can J Physiol Pharmacol 52:272-4, Apr 74
CALCIUM, analysis/ *CALCIUM, metabolism/
CALCIUM RADIOISOTOPES/
*CHOLECALCIFEROL, pharmacodynamics/
COMPARATIVE STUDY/
*DIHYDROTACHYSTEROL, pharmacodynamics/
FECES, analysis/ FEMALE/ HEMODIALYSIS/
HUMAN/ *INTESTINAL ABSORPTION, drug effects/ ISOMERISM/ *KIDNEY FAILURE, CHRONIC, metabolism/ KIDNEY FAILURE, CHRONIC, therapy/ MALE/ NUCLEAR MAGNETIC RESONANCE/
SPECTROPHOTOMETRY, INFRARED/
SPECTROPHOTOMETRY, ULTRAVIOLET
1432. Gainer H, Wollberg Z: Specific protein metabolism in identifiable neurons of *Aplysia californica*. J Neurobiol 5:243-61, 1974
ACETYLCHOLINE, metabolism/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HORMONES, analysis/ HORMONES, biosynthesis/
ISOELECTRIC FOCUSING/ LEUCINE, metabolism/ MOLECULAR WEIGHT/ NERVE TISSUE PROTEINS, analysis/ *NERVE TISSUE PROTEINS, biosynthesis/ NEURAL TRANSMISSION/ NEUROHUMORS, metabolism/ *NEURONS, metabolism/
NEUROSECRETORY SYSTEMS, analysis/
*NEUROSECRETORY SYSTEMS, metabolism/
SUCROSE/ TIME FACTORS/ TRITIUM
1433. Gajdusek DC, Garruto RM, Dedecker R: Congenital defects of the central nervous system associated with hyperendemic goiter in a neolithic highland society of Western New Guinea. V. A note on birth weights and infantile growth rates in the Mulla population. Hum Biol 46:339-44, May 74
*BIRTH WEIGHT/ *CENTRAL NERVOUS SYSTEM, abnormalities/ CRETINISM, complications/ FEMALE/ *GOITER, ENDEMIC, complications/ *GROWTH/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ NEW GUINEA
1434. Gál EM: Cerebral tryptophan-2,3-dioxygenase (pyrrolase) and its induction in rat brain. J Neurochem 22:861-3, May 74
ANIMAL EXPERIMENTS/ ASCORBIC ACID, pharmacodynamics/ BRAIN, drug effects/
*BRAIN, enzymology/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/
DITHIOTHREITOL, pharmacodynamics/
ENZYME INDUCTION/ FEMALE/
*HYDROCORTISONE, pharmacodynamics/
LIVER, drug effects/ LIVER, enzymology/
SPECTROMETRY, FLUORESCENCE/
SPECTROPHOTOMETRY, ULTRAVIOLET/
*TRYPTOPHAN, pharmacodynamics/
*TRYPTOPHAN OXYGENASE, biosynthesis
1435. Gal I: Letter: Vitamin A, pregnancy, and oral contraceptives. Br Med J 2:560-1, 8 Jun 74
ABNORMALITIES, DRUG-INDUCED/
CONTRACEPTIVES, ORAL, adverse effects/
*CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/
*PREGNANCY/ TIME FACTORS/ VITAMIN A, adverse effects/ *VITAMIN A, blood
1436. Galaburda M, Rosman NP, Haddow JE: Thyroid storm in an 11-year-old boy managed by propranolol. Pediatrics 53:920-2, Jun 74
ADMINISTRATION, ORAL/ CASE REPORT/
CHILD/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ PROPRANOLOL, administration & dosage/ *PROPRANOLOL, therapeutic use/ PROPYLTHIOURACIL, therapeutic use/ *THYROID CRISIS, drug therapy
1437. Galaev IuV, Pimenova EI: Vliianie bakterial'noi tirozindekarkoksilazy i tiramina na aktivnost' tirozin- i alanin-aminotransferaz pecheni belykh myshej. Vopr Med Khim 20:238-43, May 74 (Rus)
*ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL EXPERIMENTS/
COMPARATIVE STUDY/
DECARBOXYLATION/ ENGLISH ABSTRACT/
ENZYME INDUCTION, drug effects/
HYDROCORTISONE, pharmacodynamics/
*LIVER, enzymology/ STREPTOCOCCUS FAECALIS, enzymology/ TIME FACTORS/
*TYRAMINE, pharmacodynamics/ *TYROSINE AMINOTRANSFERASE, metabolism/
*TYROSINE DECARBOXYLASE, pharmacodynamics
1438. Galasinska-Pomykol I, Hryszko S, Krochmalska E: Morfologiczna ocena wpływu kanamycyny na komórki neurosekrecyjne jądra nadwzrokowego. Endokrynol Pol 25:105-16, Mar-Apr 74 (Pol)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ GUINEA PIGS/
HYPOTHALAMUS, cytology/
*HYPOTHALAMUS, drug effects/
*KANAMYCIN, pharmacodynamics/ MALE/
*NEUROSECRETION, drug effects
1439. Galavina OI: Podavlenie antisyrovotkoj k denaturirovannoj DNK defektivnogo hormona rosta. Vopr Med Khim 20:319-20, May 74 (Rus)
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ DEPRESSION, CHEMICAL/
DNA, analysis/ *DNA, isolation & purification/
ENGLISH ABSTRACT/ EPIPHYSES, drug effects/ HYPOPHYSECTOMY/ *IMMUNE SERUMS, pharmacodynamics/ LIVER, immunology/ PITUITARY GLAND, physiology/
*PROTEIN DENATURATION/ RNA, analysis/
*SOMATOTROPIN, antagonists & inhibitors/
TIME FACTORS
1440. Galbraith RF: Editorial: Pseudotumor cerebri. Minn Med 57:295, Apr 74
*DEXAMETHASONE, therapeutic use/
GLYCERIN, therapeutic use/ HUMAN/
*PSEUDOTUMOR CEREBRI, drug therapy
1441. Galdieri M, Monesi V: Ribosomal RNA in mouse spermatocytes. Exp Cell Res 85:287-95, Apr 74
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ CELL FRACTIONATION/ DACTINOMYCIN, pharmacodynamics/ DEPRESSION, CHEMICAL/
KINETICS/ MALE/ MICE/ PHOSPHATES, metabolism/ PHOSPHORUS RADIOISOTOPES/
RADIATION EFFECTS/ RNA, isolation & purification/ *RNA, RIBOSOMAL, biosynthesis/
RNA, RIBOSOMAL, isolation & purification/
SPERMATOZOA, cytology/ *SPERMATOZOA, metabolism/ SPERMATOZOA, radiation effects/ SUBCELLULAR FRACTIONS, metabolism/ TESTIS, cytology/
TESTIS, radiation effects/ TRANSCRIPTION, GENETIC/ TRANSCRIPTION, GENETIC, drug effects/ TRITIUM/ URIDINE, metabolism
1442. Gallutova GI: O mekhanizme vlianiia testosterona na kanal'tsevuju sekretsilu pochek. Probl Endokrinol (Mosk) 20:78-81, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ AURANTIN, pharmacodynamics/ DRUG ANTAGONISM/
ENGLISH ABSTRACT/ FEMALE/
INJECTIONS, SUBCUTANEOUS/ KIDNEY TUBULES, drug effects/ *KIDNEY TUBULES,

AUTHOR SECTION

- physiology/ MALE/ RATS/ SEX FACTORS/
TESTOSTERONE, administration & dosage/
*TESTOSTERONE, pharmacodynamics
1443. Gallant S, Kauffman FC, Brownie AC: Cyclic nucleotide phosphodiesterase activity in rat adrenal gland zones. *Life Sci* 14:937-44, 1 Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
*ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ CORTICOSTERONE, blood/ FEMALE/ ISOENZYMES, metabolism/ KINETICS/
*PHOSPHODIESTERASES, metabolism/ RATS/ SPECTROMETRY, FLUORESCENCE/ TRITIUM
1444. Gallardo MR de, Freire F, Hogan L, et al: The organ of Zuckerlandl of the golden hamster (*Mesocricetus auratus*). *Gen Comp Endocrinol* 22:507-18, Apr 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
*CHROMAFFIN SYSTEM, cytology/
CHROMAFFIN SYSTEM, enzymology/
CHROMAFFIN SYSTEM, metabolism/
DOPAMINE, metabolism/ EPINEPHRINE, metabolism/ FEMALE/ *HAMSTERS, anatomy & histology/ MALE/
METHYLTRANSFERASES, metabolism/
MICROSCOPY, ELECTRON/
NOREPINEPHRINE, metabolism/
PHENETHYLAMINES
1445. Gallien CL, Aymar C: Progeny of isogenic males and females obtained by nuclear graft in Pleurodeles. *J Hered* 65:78-80, Mar-Apr 74
ANIMAL EXPERIMENTS/ *CELL NUCLEUS, transplantation/ ESTRADIOL, pharmacodynamics/ FEMALE/ *GENOTYPE/ HOMOZYGOTE/ LARVA, drug effects/ MALE/ PHENOTYPE/ *SALAMANDERS/ SALAMANDERS, embryology/ SEX/ TRANSPLANTATION, HOMOLOGOUS
1446. Gallimore LB, Biddulph DM: Early effects of parathyroidectomy on renal retention and serum concentration of calcium in the hamster. *N Engl J Med* 291:303-4, 11 Jun 74
ANIMAL EXPERIMENTS/ CALCIUM, blood/
*CALCIUM, metabolism/ CALCIUM, urine/
*KIDNEY, metabolism/ MALE/
*PARATHYROID GLANDS, physiology/ TIME FACTORS
1447. Galloway DG, Pelletier J: Influence of age on the pituitary response of male lambs to synthetic lh-rh injection. *Horm Metab Res* 6:240-1, May 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
INJECTIONS, INTRAVENOUS/ LH, blood/ LH, secretion/ LH-FSH RELEASING HORMONE, pharmacodynamics/ LH-FSH RELEASING HORMONE, physiology/ MALE/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, secretion/ RADIOIMMUNOASSAY/ SHEEP
1448. Gambarini AG, Lara FJ: Under-replication of ribosomal cistrons in polytene chromosomes of *Rhynchosciara*. *J Cell Biol* 62:215-22, Jul 74
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ *CHROMOSOMES, metabolism/
*DNA REPLICATION/ FEMALE/ GENES/ INSECTS, cytology/ INSECTS, metabolism/
LARVA/ MALE/ METAMORPHOSIS, BIOLOGICAL/ NUCLEIC ACID HYBRIDIZATION/ ORGAN SPECIFICITY/ OROTIC ACID, metabolism/ OVARY, cytology/ OVARY, metabolism/ *RNA, RIBOSOMAL, biosynthesis/ SALIVARY GLANDS, cytology/ SALIVARY GLANDS, metabolism/ SPECIES SPECIFICITY/ TIME FACTORS/ TRITIUM/ URIDINE, metabolism
1449. Gan EK, Lockett MF: Some factors affecting the intrarenal secretion of renin in cats. *Arch Int Physiol Biochim* 81:881-900, Dec 73
AMILORIDE, pharmacodynamics/
AMINOHIPPURIC ACID, metabolism/
ANGIOTENSIN II, pharmacodynamics/
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CATS/ CREATININE, metabolism/
FUROSEMIDE, pharmacodynamics/
GLOMERULAR FILTRATION RATE/ HEART RATE/ HYDROGEN-ION CONCENTRATION/ ISOPROTERENOL, pharmacodynamics/
KIDNEY, drug effects/ *KIDNEY, secretion/ LYMPH, secretion/ NEPHRECTOMY/
NOREPINEPHRINE, pharmacodynamics/
POTASSIUM, metabolism/ POTASSIUM CHLORIDE, pharmacodynamics/ *RENIN, secretion/ SODIUM, metabolism/ TIME FACTORS
1450. Gandsz AS: Iodirovannyi khleb v profilaktike endemicheskogo zoba u detei. *Pediatrics* 53:77-8, Apr 74 (Rus)
*BREAD/ ENGLISH ABSTRACT/ FEMALE/
*GOITER, ENDEMIC, prevention & control/
HUMAN/ *IODINE/ MALE/ USSR
1451. Ganeval D, Marche C, Drücke T: Perfusion of an isolated jejunal loop in uremic rats: Effect of sodium deoxycholate. *Kidney Int* 3:222-9, Apr 73
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CREATININE, metabolism/
*DEOXYCHOLIC ACID, pharmacodynamics/
FEMALE/ INTESTINAL MUCOSA, metabolism/
INTESTINAL MUCOSA, pathology/ JEJUNUM, drug effects/ *JEJUNUM, metabolism/
JEJUNUM, pathology/ MATHEMATICS/
*PERFUSION/ PERMEABILITY/
PHOSPHORUS, metabolism/ POTASSIUM, metabolism/ SODIUM, metabolism/ UREA, metabolism/ *UREMIA, metabolism/ URIC ACID, metabolism
1452. Gant NF, Chand S, Whalley PJ, et al: The nature of pressor responsiveness to angiotensin II in human pregnancy. *Obstet Gynecol* 43:854, Jun 74
ANGIOTENSIN II, administration & dosage/
*ANGIOTENSIN II, pharmacodynamics/
*BLOOD PRESSURE, drug effects/ BLOOD SPECIMEN COLLECTION/ COMPARATIVE STUDY/ DEXTRAN, administration & dosage/
DEXTRAN, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
FEMALE/ HEMATOCRIT/ HUMAN/
HYPERTENSION, etiology/ HYPERTENSION, physiopathology/ INFUSIONS, PARENTERAL/
INJECTIONS, INTRAVENOUS/ MODELS, BIOLOGICAL/ *PLASMA VOLUME, drug effects/ *PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, physiopathology/ *RENIN, blood/ SODIUM CHLORIDE, administration & dosage/
*VASCULAR RESISTANCE, drug effects
1453. Garaci E, Calò R, Djaczenko W: Effect of influenza virus PR8 infection on thymus in intact and adrenalectomized mice. *Experientia* 30:358-60, 15 Apr 74
*ADRENAL GLANDS, physiopathology/
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
COMPARATIVE STUDY/ CYTOPLASM/
EPITHELIAL CELLS/ *INFLUENZA, pathology/ INFLUENZA VIRUSES, pathogenicity/ MICE, INBRED BALB C/
MITOSIS/ ORGAN WEIGHT/ *THYMUS GLAND, pathology/ TIME FACTORS
1454. Garavagno A, Posada J, Barros C, et al: Some characteristics of the zona pellucida antigen in the hamster. *J Exp Zool* 189:37-50, Jul 74
ANIMAL EXPERIMENTS/ *ANTIGENS/
CULTURE MEDIA/ ESTRUS/ FEMALE/
FERTILIZATION/ FREUND'S ADJUVANT, administration & dosage/ GONADOTROPINS, CHORIONIC, pharmacodynamics/
GONADOTROPINS, EQUINE, pharmacodynamics/ *HAMSTERS, immunology/
IN VITRO/ OVARY, immunology/
OVULATION, drug effects/ OVUM, drug effects/ *OVUM, immunology/ RABBITS, immunology/ SPECIES SPECIFICITY/ SPERM CAPACITATION/ TRYPSIN, pharmacodynamics
1455. Garcia JD, Yang MG, Belo PS, et al: Carbon-mercury bond breakage in milk, cerebrum, liver, and kidney of rats fed methyl mercuric chloride. *Proc Soc Exp Biol Med* 146:190-3, May 74
ANIMAL EXPERIMENTS/
BIOTRANSFORMATION/ *BRAIN, metabolism/

AUTHOR SECTION

- CARBON RADIOISOTOPES/ CASEIN/
FEMALE/ *KIDNEY, metabolism/
LACTATION/ LIPIDS/ *LIVER, metabolism/
MERCURY ISOTOPES/ *MERCURY
POISONING, metabolism/ *METHYL
MERCURY COMPOUNDS, metabolism/ *MILK,
analysis/ RADIOISOTOPES/ RATS
1456. Gardey-Levassort C, Lechat P: Dose-dependent
potentiation or inhibition by Ro4-4602 of 5-HTP
hyperthermia in rabbits.
J Pharm Pharmacol 26:278-9, Apr 74
ANIMAL EXPERIMENTS/ BODY
TEMPERATURE, drug effects/ *BODY
TEMPERATURE REGULATION, drug effects/
CEREBRAL VENTRICLES, drug effects/
DEPRESSION, CHEMICAL/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ DRUG SYNERGISM/
*HYDRAZINES, pharmacodynamics/
*HYDROXYTRYPTOPHAN, pharmacodynamics/
HYPOTHALAMUS, drug effects/ RABBITS/
SERYLTRIHYDROXY BENZYLHYDRAZINE,
administration & dosage/ SERYLTRIHYDROXY
BENZYLHYDRAZINE, pharmacodynamics
1457. Gärding S, Gösta Henriksson K, Larsson JE:
Klorokinneuropati.
Lakartidningen 71:1923-4, 8 May 74 (Swe)
ADMINISTRATION, ORAL/ CHLOROQUINE,
administration & dosage/ *CHLOROQUINE,
adverse effects/ DRUG COMBINATIONS/
DRUG THERAPY, COMBINATION/
ELECTROMYOGRAPHY/ FEMALE/ HUMAN/
LEG, pathology/ MIDDLE AGE/ *MYOTONIA
ATROPHICA, chemically induced/ MYOTONIA
ATROPHICA, pathology/ PREDNISOLONE,
administration & dosage/ QUINACRINE,
administration & dosage/ TIME FACTORS
1458. Garel JM, Barlet JP: The effects of calcitonin and
parathormone on plasma magnesium levels before and
after birth in the rat. J Endocrinol 61:1-13, Apr 74
ANIMAL EXPERIMENTS/ *ANIMALS,
NEWBORN, metabolism/ *CALCITONIN,
pharmacodynamics/ CALCIUM, blood/
FEMALE/ *FETUS, metabolism/
GESTATIONAL AGE/ *MAGNESIUM, blood/
*PARATHYROID HORMONE,
pharmacodynamics/ PHOSPHATES, blood/
PREGNANCY/ RADIOISOTOPES/ RATS/
SALMON
1459. Garg LC: The effect of sex hormones on rat liver
carbonic anhydrase.
J Pharmacol Exp Ther 189:557-62, May 74
ACETAZOLAMIDE, pharmacodynamics/
ANIMAL EXPERIMENTS/ *CARBONIC
ANHYDRASE, metabolism/ CASTRATION/
CHROMATOGRAPHY, ION EXCHANGE/
ERYTHROCYTES, enzymology/ FEMALE/
*ISOENZYMES, metabolism/ *LIVER,
enzymology/ MALE/ MOLECULAR WEIGHT/
RATS/ *TESTOSTERONE, pharmacodynamics
1460. Garrido M, Macías A, Silverio C, et al: Calcitonina y
fosfatos en la osteoporosis: bases experimentales.
Rev Iber Endocrinol 21:113-25, Mar-Apr 74 (Spa)
ANIMAL EXPERIMENTS/ CALCITONIN,
metabolism/ *CALCITONIN, pharmacodynamics/
CALCIUM, blood/ *CALCIUM, metabolism/
EDTA, pharmacodynamics/ ENGLISH
ABSTRACT/ FEMALE/ OSTEOPOROSIS, drug
therapy/ *OSTEOPOROSIS, metabolism/
PHOSPHATES, blood/ PHOSPHATES,
metabolism/ *PHOSPHATES,
pharmacodynamics/ RATS
1461. Garrido-Russo M, Tremblay RR, Simard SJ, et al:
Valeur diagnostique de la calcitonine et des
catécholamines plasmatiques dans le syndrome de
Sipple.
Union Med Can 102:2098-103, Oct 73 (Fre)
*CALCITONIN, blood/ *CATECHOLAMINES,
blood/ ENGLISH ABSTRACT/ FEMALE/
HUMAN/ HYPERTENSION, etiology/ MALE/
PARATHYROID NEOPLASMS, blood/
*PARATHYROID NEOPLASMS, diagnosis/
PARATHYROID NEOPLASMS, familial &
genetic/ PARATHYROID NEOPLASMS,
surgery/ PEDIGREE/ PHEOCHROMOCYTOMA,
blood/ *PHEOCHROMOCYTOMA, diagnosis/
PHEOCHROMOCYTOMA, familial & genetic/
PHEOCHROMOCYTOMA, surgery/
PREGNANCY COMPLICATIONS, surgery/
SYNDROME/ THYROID NEOPLASMS, blood/
*THYROID NEOPLASMS, diagnosis/ THYROID
NEOPLASMS, familial & genetic/ THYROID
NEOPLASMS, surgery
1462. Garrison BM, Bo WJ, Krueger WA, et al: The influence
of ovarian sonication on fetal development in the rat.
J Clin Ultrasound 1:316-9, Dec 73
*ABNORMALITIES, etiology/ ANIMAL
EXPERIMENTS/ FEMALE/ *FETAL DEATH/
*NIDATION/ *OVARY, injuries/
ULTRASONICS, adverse effects
1463. Garruto RM, Gajdusek DC, Brink J ten: Congenital
defects of the central nervous system associated with
hyperendemic goiter in a neolithic highland society of
western New Guinea. 3. Serum and urinary iodine
levels in goitrous and adjacent non-goitrous
populations. Hum Biol 46:311-29, May 74
*CENTRAL NERVOUS SYSTEM, abnormalities/
FEMALE/ *GOITER, ENDEMIC, complications/
GOITER, ENDEMIC, metabolism/ HUMAN/
IODINE, blood/ *IODINE, metabolism/
IODINE, urine/ MALE/ NEW GUINEA/
PROTEIN-BOUND IODINE TEST
1464. Gartler SM, Liskay RM, Campbell BK, et al: Evidence
for two functional X chromosomes in human oocytes.
Cell Differ 1:215-8, Oct 72
ALLELES/ ELECTROPHORESIS/ FEMALE/
GLUCOSEPHOSPHATE DEHYDROGENASE,
analysis/ HETEROZYGOSE/ HUMAN/ *OVUM,
cytology/ OVUM, enzymology/ *SEX
CHROMOSOMES/ VARIATION (GENETICS)
1465. Gascon G, Trudel J, Rabbat A, et al: Plaquettes, ADP,
AMP(c) et drogues antiplaquettaires.
Union Med Can 103:1077-82, Jun 74 (Fre)
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, physiology/ *ADENOSINE
DIPHOSPHATE, physiology/
*ANTICOAGULANTS, pharmacodynamics/
*BLOOD PLATELETS, physiology/ COLLAGEN,
physiology/ ENGLISH ABSTRACT/ HUMAN/
PLATELET ADHESIVENESS/ THROMBIN,
physiology/ THROMBOSIS, physiopathology
1466. Gasíńska T: Zdolność korygowania prowokowanej
hiperkalcemii u osób starszych z uwzględnieniem
stanu ich kości.
Endokrynol Pol 25:141-6, Mar-Apr 74 (Pol)
AGE FACTORS/ AGED/ *CALCIUM, blood/
CALCIUM, urine/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/
*OSTEOPOROSIS, blood/ OSTEOPOROSIS,
urine
1467. Gasser DL, Silvers WK: Genetic determinants of
immunological responsiveness.
Adv Immunol 18:1-66, 1974 (334 ref.)
ANIMAL EXPERIMENTS/ *ANTIBODY
FORMATION/ ANTIBODY SPECIFICITY/
ANTIGEN-ANTIBODY REACTIONS/
ANTIGENS/ ANTIGENS, NEOPLASM/
AUTOIMMUNE DISEASES, familial & genetic/
AUTOIMMUNE DISEASES, immunology/
DIPHTHERIA TOXIN/ *GENES/ GUINEA
PIGS/ HAPTENS/ HISTOCOMPATIBILITY
ANTIGENS/ HUMAN/ IMMUNITY,
CELLULAR/ ISOANTIGENS/ LEUKOCYTE
CULTURE TEST, MIXED/ LYMPHOCYTE
TRANSFORMATION/ MICE/ PEPTIDES/
RABBITS/ REVIEW/ SERUM ALBUMIN,
BOVINE/ SEX CHROMOSOMES/ SPECIES
SPECIFICITY/ TETANUS TOXOID
1468. Gassner M, Grob PJ:
Alpha-1-Fetoprotein-diagnostische Bedeutung.
Bestimmung mittels Radioimmunoassay und
Überwanderungsmunnelektrophorese.
Schweiz Med Wochenschr 104:557-64, 20 Apr 74 (Ger)
BLOOD DONORS/ BLOOD GROUP
INCOMPATIBILITY, diagnosis/ ENGLISH
ABSTRACT/ FEMALE/ *FETAL GLOBULINS,
analysis/ HEPATITIS, diagnosis/ HUMAN/
HYDATIDIFORM MOLE, diagnosis/

AUTHOR SECTION

- HYDRAMNIOS, diagnosis/
IMMUNOELECTROPHORESIS/ LIVER
CIRRHOSIS, diagnosis/ LIVER DISEASES,
diagnosis/ LIVER NEOPLASMS, diagnosis/
NEOPLASMS, diagnosis/
RADIOIMMUNOASSAY/ RH FACTORS/
TERATOID TUMOR, diagnosis/ TIME
FACTORS
1469. Gattiereau A, Davignon J, Verdy M, et al: Halofenate versus clofibrate in the management of true diabetes insipidus. *Can Med Assoc J* 110:1275-77, 8 Jun 74
CLOFIBRATE, administration & dosage/
CLOFIBRATE, pharmacodynamics/
*CLOFIBRATE, therapeutic use/ *DIABETES
INSIPIDUS, drug therapy/ DIABETES
INSIPIDUS, urine/ DIURESIS, drug effects/
FEMALE/ HALOFENATE, administration &
dosage/ HALOFENATE, pharmacodynamics/
HALOFENATE, therapeutic use/ HUMAN
1470. Gatti RA, Seligmann M: The primary immunodeficiency diseases: classification, pathogenesis and treatment.
Turk J Pediatr 15:195-215, Oct 73 (93 ref.)
AGAMMAGLOBULINEMIA, classification/
AGAMMAGLOBULINEMIA, familial & genetic/
AGAMMAGLOBULINEMIA, immunology/
ALDRICH SYNDROME, immunology/ ATAXIA
TELANGIECTASIA, immunology/ BLOOD
TRANSFUSION/ BONE MARROW CELLS,
transplantation/ COMPLEMENT/
CYTOTOXICITY TESTS, IMMUNOLOGIC/
HUMAN/ IGA/ IGG/ IGM/ IMMUNE
ADHERENCE REACTION/ *IMMUNOLOGIC
DEFICIENCY SYNDROMES/ IMMUNOLOGIC
DEFICIENCY SYNDROMES, classification/
IMMUNOLOGIC DEFICIENCY SYNDROMES,
familial & genetic/ IMMUNOLOGIC
DEFICIENCY SYNDROMES, immunology/
IMMUNOLOGIC DEFICIENCY SYNDROMES,
therapy/ LYMPHOCYTE TRANSFORMATION/
PARATHYROID GLANDS, abnormalities/
REVIEW/ SEX CHROMOSOMES/ THYMUS
GLAND, abnormalities/ TRANSPLANTATION,
HOMOLOGOUS/ VITILIGO, immunology
1471. Gaudin D, Guthrie L, Yielding KL: DNA repair inhibition: a new mechanism of action of steroids with possible implications for tumor therapy.
Proc Soc Exp Biol Med 146:401-5, Jun 74
CONTRACEPTIVES, ORAL, pharmacodynamics/
DIETHYLSTILBESTROL, pharmacodynamics/
DNA, biosynthesis/ *DNA REPAIR, drug
effects/ ESTRADIOL, pharmacodynamics/
ETHINYL ESTRADIOL, pharmacodynamics/
FEMALE/ HUMAN/ LYMPHOCYTES, drug
effects/ MEDROXYPROGESTERONE,
pharmacodynamics/ NEOPLASMS,
drug therapy/ NORETHINDRONE,
pharmacodynamics/ NORETHYNODREL,
pharmacodynamics/ PROGESTERONE,
pharmacodynamics/ *SEX HORMONES,
pharmacodynamics/ SEX HORMONES,
therapeutic use/ STANOLONE,
pharmacodynamics/ TESTOSTERONE,
pharmacodynamics/ THYMIDINE, metabolism/
TRITIUM
1472. Gautier M: Etiologie des cardiopathies congénitales malformatives.
Rev Prat 23:4491-502 passim, 11 Nov 73 (Fre)
ABNORMALITIES, DRUG-INDUCED/
ABORTION, familial & genetic/
CHROMOSOME ABERRATIONS/ DIABETES
MELLITUS, complications/ HEART DEFECTS,
CONGENITAL, etiology/ HUMAN/
METORRHAGIA, complications/ RUBELLA,
complications/ SEX FACTORS/ SPECIAL LIST
FOREIGN/ TURNER'S SYNDROME,
complications
1473. Gavallér I: Morbus Basedowban szenvedő kórái terhes kezelésére radiojóddal. *Orv Hetil* 115:1169-71, 19 May 74 (Hun)
ADULT/ FEMALE/ GESTATIONAL AGE/
*GOITER, EXOPHTHALMIC, radiotherapy/
HUMAN/ *IODINE RADIOISOTOPES,
therapeutic use/ PREGNANCY/ *PREGNANCY
- COMPLICATIONS, radiotherapy/
RADIOTHERAPY DOSAGE
1474. Gavras H, Brunner HR, Laragh JH: Renin and aldosterone and the pathogenesis of hypertensive vascular damage.
Prog Cardiovasc Dis 17:39-49, Jul-Aug 74 (65 ref.)
*ALDOSTERONE, secretion/ ANGIOTENSIN,
adverse effects/ ANGIOTENSIN, blood/
ANGIOTENSIN II, adverse effects/ ANIMAL
EXPERIMENTS/ ARTERIES, drug effects/
BLOOD VOLUME, drug effects/
CATECHOLAMINES, adverse effects/
DESOXYCORTICOSTERONE, adverse effects/
ENDOTHELIUM, drug effects/ HOMEOSTASIS,
drug effects/ HUMAN/ HYPERTENSION,
chemically induced/ HYPERTENSION,
complications/ *HYPERTENSION, etiology/
HYPERTENSION, RENAL, etiology/ *KIDNEY,
physiopathology/ KINETICS/
MINERALOCORTICOIDS, adverse effects/
MODELS, BIOLOGICAL/ NATRIURESIS/
RENIN, adverse effects/ RENIN, blood/
*RENIN, secretion/ REVIEW/ SODIUM, blood/
SODIUM CHLORIDE, adverse effects/
*VASCULAR DISEASES, chemically induced/
VASOCONSTRICTOR AGENTS,
adverse effects/ WATER, metabolism/
WATER-ELECTROLYTE BALANCE
1475. Gavrilă I, Negomireanu T, Suciu O, et al: Aspecte actuale în parotidită epidemică.
Bacteriol Virusol Parazitol Epidemiol (Bucur)
19:171-8, Mar-Apr 74 (Rum)
ENGLISH ABSTRACT/ FEMALE/ HEPATITIS,
etiology/ HUMAN/ MALE/ MENINGITIS,
etiology/ ORCHITIS, etiology/ OVARIAN
DISEASES, etiology/ PANCREATITIS, etiology/
PAROTITIS, complications/ *PAROTITIS,
occurrence/ RUMANIA
1476. Gazaniga MS, Szer IS, Crane AM: Modification of drinking behavior in the adipic rat.
Exp Neurol 42:483-9, Mar 74
ANIMAL EXPERIMENTS/ *BRAIN MAPPING/
*DRINKING BEHAVIOR/ FEEDING
BEHAVIOR/ *HYPOTHALAMUS, physiology/
IMMOBILIZATION/ MALE/ *MOTIVATION/
RATS/ WATER DEPRIVATION
1477. Gburek Z, Gasińska T, Radecki L: Osteomalacja przyczyną protruzji acetabuli.
Wlad Lek 27:177-81, 15 Jan 74 (Pol)
*ACETABULUM/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ *OSTEOMALACIA,
complications/ PELVIC BONES, radiography/
SYNDROME
1478. Gear AR: Rhodamine 6G. A potent inhibitor of mitochondrial oxidative phosphorylation.
J Biol Chem 249:3628-37, 10 Jun 74
ADENINE NUCLEOTIDES, metabolism/
ADENOSINE TRIPHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ BENZOATES,
pharmacodynamics/ BIOLOGICAL TRANSPORT,
ACTIVE, drug effects/ CALCIUM, metabolism/
CARBON RADIOISOTOPES/
DINITROPHENOLS, pharmacodynamics/ *DYES,
pharmacodynamics/ HYDROGEN-ION
CONCENTRATION/ IMINES,
pharmacodynamics/ LIVER, cytology/
MAGNESIUM/ MITOCHONDRIA, LIVER, drug
effects/ MITOCHONDRIA, LIVER, enzymology/
*MITOCHONDRIA, LIVER, metabolism/
NUCLEOTIDYLTRANSFERASES, antagonists &
inhibitors/ OXIDATION-REDUCTION/
*OXIDATIVE PHOSPHORYLATION, drug
effects/ OXYGEN CONSUMPTION/
PHOSPHATES, metabolism/ RATS/
SUCCINATE'S, metabolism/ *XANTHENES,
pharmacodynamics
1479. Geary CG: Blood and neoplastic diseases. Acquired aplastic anaemia. *Br Med J* 2:432-5, 25 May 74
ADRENAL CORTEX HORMONES, therapeutic
use/ AGRANULOCYTOSIS, therapy/
ANDROGENS, therapeutic use/ *ANEMIA,
APLASTIC/ ANEMIA, APLASTIC, chemically
induced/ ANEMIA, APLASTIC, classification/
ANEMIA, APLASTIC, complications/ ANEMIA,

AUTHOR SECTION

- APLASTIC, diagnosis/ ANEMIA, APLASTIC, physiopathology/ ANEMIA, APLASTIC, therapy/ ANTIBODY FORMATION/ BLOOD TRANSFUSION/ BONE MARROW CELLS, transplantation/ CHLORAMPHENICOL, adverse effects/ CURETTAGE/ HEMATOPOIETIC STEM CELLS, drug effects/ HUMAN/ HYDANTOINS, adverse effects/ NEUTROPHILS/ SPLENECTOMY/ SULFONAMIDES, adverse effects/ SULFONYLUREA COMPOUNDS, adverse effects/ THROMBOPENIA, therapy
1480. Gedda L, Brencl G: Chronogenetics. Its foundations, scope, and impact. *Acta Genet Med Gemellol (Roma)* 22:3-17, 1973
AGING/ ANGIOKERATOMA CORPORIS DIFFUSUM, familial & genetic/ ANIMAL EXPERIMENTS/ *BIOLOGICAL CLOCKS/ CATARACT, familial & genetic/ CIRCADIAN RHYTHM/ COLONIC NEOPLASMS, familial & genetic/ DISEASES IN TWINS/ DNA, biosynthesis/ DNA REPAIR/ FEMALE/ *GENES/ GENETIC CODE/ *GENETICS, HUMAN/ GENOTYPE/ HUMAN/ INTESTINAL POLYPS, familial & genetic/ MALE/ MODELS, BIOLOGICAL/ PEDIGREE/ PHENOTYPE/ PLANTS/ PROBABILITY/ SEX CHROMOSOMES/ UTERINE NEOPLASMS, familial & genetic
1481. Gee BR, Gutellus JR: Aldosterone secretion following experimental surgical trauma. *Surg Forum* 23:56-7, 1972
*ALDOSTERONE, secretion/ ANIMAL EXPERIMENTS/ INFUSIONS, PARENTERAL/ RENIN, blood/ SODIUM CHLORIDE, administration & dosage/ *SURGERY, OPERATIVE
1482. Geelhoed GW, Myers GH Jr: Nocardiosis of the testis. *J Urol* 111:791-3, Jun 74
ADENOCARCINOMA, etiology/ AGED/ ANTIBODY FORMATION/ ASPIRATION/ DIATHESIS/ HUMAN/ IGG/ IMMUNITY/ IMMUNITY, CELLULAR/ LUNG, microbiology/ LUNG NEOPLASMS, etiology/ LYMPHATIC DISEASES, complications/ MACROGLOBULINEMIA, complications/ MACROGLOBULINEMIA, immunology/ MALE/ NEOPLASM METASTASIS/ *NOCARDIA ASTEROIDES, isolation & purification/ NOCARDIA INFECTIONS, immunology/ *NOCARDIA INFECTIONS, pathology/ *TESTICULAR DISEASES, etiology/ TESTICULAR DISEASES, immunology/ TESTICULAR DISEASES, pathology
1483. Geier A, Horn H, Lichtshtein E, et al: The uptake and metabolism of (4-14C)testosterone in human breast cancer growth in organ culture. *Acta Endocrinol (Kbh)* 75:195-204, Jan 74
*ADENOCARCINOMA, metabolism/ ADENOCARCINOMA, therapy/ ADENOFIBROMA, metabolism/ ADULT/ AGED/ ANDROSTENEDIONE, metabolism/ ANDROSTERONE, metabolism/ *BREAST NEOPLASMS, metabolism/ BREAST NEOPLASMS, therapy/ CARBON RADIOISOTOPES/ *CARCINOMA, metabolism/ CARCINOMA, therapy/ *CARCINOMA, SCIRRHOUS, metabolism/ CARCINOMA, SCIRRHOUS, therapy/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ IN VITRO/ MASTECTOMY/ MIDDLE AGE/ ORGAN CULTURE/ *TESTOSTERONE, metabolism/ TRITIUM
1484. Geller AN: Sochetannoe lechenie nekotorykh nespetsificheskikh zabolevanií svlazochno-sustavnogo apparata. *Klin Khir* 10:51-4, Oct 73 (Rus)
ADULT/ AGED/ DRUG THERAPY, COMBINATION/ EXERCISE THERAPY/ FEMALE/ HUMAN/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, therapeutic use/ INJECTIONS, INTRA-ARTICULAR/ *LIGAMENTS, ARTICULAR/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, administration & dosage/ *PEPTIDE HYDROLASES, therapeutic use/ PERIARTHRITIS, drug therapy/ *PERIARTHRITIS, therapy/ *SHOULDER JOINT/ SYNOVITIS, drug therapy/ *SYNOVITIS, therapy/ TENDINITIS, drug therapy/ *TENDINITIS, therapy
1485. Geller J, McCoy K: Biologic and biochemical effects of anti-androgens on rat ventral prostate. *Acta Endocrinol (Kbh)* 75:385-97, Feb 74
*ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ CELL NUCLEUS, metabolism/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ *CYPROTERONE, pharmacodynamics/ CYTOSOL, metabolism/ DEPRESSION, CHEMICAL/ DIOXOLES, pharmacodynamics/ GEL FILTRATION/ KETOSTEROIDS, pharmacodynamics/ MALE/ ORGAN WEIGHT/ *PREGNENES, pharmacodynamics/ PROSTATE, drug effects/ PROTEIN BINDING, drug effects/ RATS/ SUBCELLULAR FRACTIONS, metabolism/ *TESTOSTERONE, metabolism/ TRITIUM/ VEHICLES
1486. Geller S, Scholler R: Hyperandrogénie ovarienne et "hyperovariame". Rapports respectifs. *Nouv Presse Med* 3:809-10, 30 Mar 74 (Fre)
*ANDROGENS, secretion/ ANDROSTERONE, blood/ *CLOMIPHENE, diagnostic use/ CORPUS LUTEUM, physiopathology/ *DEXAMETHASONE, diagnostic use/ DRUG INTERACTIONS/ FEMALE/ HUMAN/ LH, blood/ *OVARY, physiopathology/ OVARY, secretion/ PITUITARY GLAND, physiopathology/ PYROGENS, blood
1487. Gelman MI: Cauda equina compression in acromegaly. *Radiology* 112:357-60, Aug 74
*ACROMEGALY, complications/ ACROMEGALY, radiography/ DIAGNOSTIC ERRORS/ HUMAN/ INTERVERTEBRAL DISK DISPLACEMENT, diagnosis/ MALE/ MYELOGRAPHY/ *SPINAL CORD COMPRESSION, etiology/ SPINAL CORD COMPRESSION, radiography
1488. Gemert W van: Oestrussynchronisatie door het gelijktijdig spenen van de biggen en het belang hiervan voor de K.L.-organisatie. *Tijdschr Diergeneeskd* 97:253-65, 15 Feb 72 (Dut)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ESTRUS/ FEMALE/ *INSEMINATION, ARTIFICIAL, veterinary/ LACTATION/ MALE/ SWINE/ *WEANING
1489. Genazzani AR, Hürlimann J, Fioretti P, et al: In vitro synthesis of an ACTH-like hormone and human chorionic somatomammotropin by placental and amniotic cells. *Experientia* 30:430-2, 15 Apr 74
*AMNION, metabolism/ CELLS, analysis/ CELLS, metabolism/ *CORTICOTROPIN, biosynthesis/ CULTURE MEDIA/ *GONADOTROPINS, CHORIONIC, biosynthesis/ HUMAN/ IN VITRO/ PEPTIDES, biosynthesis/ *PITUITARY HORMONES, ANTERIOR, biosynthesis/ *PLACENTA, cytology/ RADIOIMMUNOASSAY/ TIME FACTORS/ TISSUE CULTURE
1490. Gentleman S, Mansour TE: Adenylate cyclase in a sea anemone. Implication for chemoreception. *Biochim Biophys Acta* 343:469-79, 24 May 74
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ *CHEMORECEPTORS/ COELENTERATA, cytology/ *COELENTERATA, enzymology/ COMPARATIVE STUDY/ DETERGENTS/ ENZYME ACTIVATION/ FLUORIDES, pharmacodynamics/ GLUTATHIONE, pharmacodynamics/ KINETICS/ MERCAPTOETHANOL, pharmacodynamics/ OXIDATION-REDUCTION/ PHOSPHODIESTERASES, metabolism/ *RECEPTORS, DRUG/ SUBCELLULAR

AUTHOR SECTION

FRACTIONS, enzymology/ TRITIUM/
ULTRACENTRIFUGATION

1491. Genton E, Welly HS, Steele PP: Platelets, thrombosis and coronary artery disease. Adv Cardiol 9:29-39, 1973 (25 ref.)
ARTERIOSCLEROSIS, complications/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ BLOOD PROTEIN DISORDERS, complications/ CELL SURVIVAL/ CORONARY DISEASE, blood/ *CORONARY DISEASE, etiology/ ENDOTHELIUM, metabolism/ FIBRIN, metabolism/ HUMAN/ LIPIDS, metabolism/ LIPOPROTEINS, blood/ PHAGOCYTOSIS/ PLATELET ADHESIVENESS/ PROSTAGLANDINS, pharmacodynamics/ PYRAZOLES, pharmacodynamics/ PYRIMIDINES, pharmacodynamics/ REVIEW/ *THROMBOSIS, complications/ THROMBOSIS, etiology
1492. Georg J: Beklometason. Ugeskr Laeger 136:1211-2, 27 May 74 (Dan)
AEROSOLS/ *ASTHMA, drug therapy/ BECLOMETHASONE, therapeutic use/ *GLUCOCORTICIDS, therapeutic use/ HAY FEVER, drug therapy/ HUMAN/ INHALATION THERAPY/ *METHYLPREDNISOLONE, therapeutic use
1493. George DT, Rayfield EJ, Wannemacher RW Jr: Altered glucoregulatory hormones during acute pneumococcal sepsis in the rhesus monkey. Diabetes 23:544-9, Jun 74
ALANINE, blood/ AMINO ACIDS, blood/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD SUGAR, analysis/ CYSTEINE, blood/ DIPLOCOCCUS PNEUMONIAE/ FASTING/ *GLUCAGON, blood/ *GLUCOSE, metabolism/ GLUCOSE TOLERANCE TEST/ HYDROCORTISONE, blood/ INJECTIONS, INTRAVENOUS/ *INSULIN, blood/ MACACA/ MALE/ METHODS/ PNEUMOCOCCAL INFECTIONS, blood/ PNEUMOCOCCAL INFECTIONS, metabolism/ *PNEUMOCOCCAL INFECTIONS, physiopathology/ SOMATOTROPIN, blood
1494. George R: Effects of narcotic analgesics on hypothalamo-pituitary-thyroid function. Prog Brain Res 39:339-45, 1973
ANIMAL EXPERIMENTS/ *HYPOTHALAMUS, physiology/ *MORPHINE, pharmacodynamics/ *PITUITARY GLAND, physiology/ RATS/ *THYROID GLAND, physiology
1495. Georgescu V, Popescu N, Mihaly Z, et al: Aspecte radioclinice și dificultăți de diagnostic în unele forme de cancer bronhopulmonar primitiv. Med Interna (Bucur) 25:1507-18, Dec 73 (Rum)
ADENOCARCINOMA, diagnosis/ *BRONCHIAL NEOPLASMS, diagnosis/ BRONCHIAL NEOPLASMS, etiology/ BRONCHIAL NEOPLASMS, radiography/ BRONCHOSCOPY/ CARCINOMA, BRONCHOGENIC, diagnosis/ CARCINOMA, OAT CELL, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ECHINOCOCCOSIS, PULMONARY, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LUNG ABSCESS, diagnosis/ LUNG DISEASES, diagnosis/ *LUNG NEOPLASMS, diagnosis/ LUNG NEOPLASMS, etiology/ LUNG NEOPLASMS, radiography/ MALE/ SMOKING, complications/ THORACIC RADIOGRAPHY/ TUBERCULOSIS, PULMONARY, complications
1496. Georgiev S, Konstantinov P, Radoslavov V, et al: Proučvane dinamikata na obshitla beltuk i beltuchnite fraktali v krvnilla serum na ovtsa i kozii v period na estrus, bremennost i seld razhdane. Vet Med Nauki 10:53-8, 1973 (Bul)
ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, analysis/ ENGLISH ABSTRACT/ *ESTRUS/ FEMALE/ *GOATS/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ PREGNANCY/ PREGNANCY, ANIMAL/ PUERPERIUM/ *SHEEP
1497. Georgieva M, Dashev G: Eksperimentalen ednostranen kriptorkhizum u plukhove. Eksp Med Morfol 13:62-8, 1974 (Bul)
ANIMAL EXPERIMENTS/ CRYPTORCHISM, pathology/ *CRYPTORCHISM, surgery/ HUMAN/ MALE/ SEMINAL VESICLES, pathology/ TESTIS, pathology/ TESTIS, physiology
1498. Gerald PS, Brown JA: Proceedings: Report of the Committee on the Genetic Constitution of the X Chromosome. Cytogenet Cell Genet 13:29-34, 1974
CHROMOSOME ABERRATIONS/ *CHROMOSOME MAPPING/ FEMALE/ HUMAN/ HYBRID CELLS/ MALE/ SEX CHROMOSOME ABNORMALITIES, familial & genetic/ *SEX CHROMOSOMES
1499. Gerasimenko PP, Uranova EV, Il'enko TI, et al: Sindrom total'nogo giperkortizizma u bol'noi feokhromoblastomoi. Probl Endokrinol (Mosk) 20:38-41, Mar-Apr 74 (Rus)
ADRENAL CORTEX HORMONES, metabolism/ ADRENAL GLAND HYPERFUNCTION, complications/ *ADRENAL GLAND HYPERFUNCTION, metabolism/ *ADRENAL GLAND NEOPLASMS, complications/ ADRENAL MEDULLA, metabolism/ ADULT/ CORTICOTROPIN, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, metabolism/ RENIN, metabolism/ SYNDROME
1500. Gerasimova EN, Perova NV, Bavina MV, et al: Steroidnye gormony u bol'nykh aterosklerozom s raznymi tipami giperlipoproteidemi. Kardiologiya 15:14-9, 1974 (Rus)
ANDROSTERONE, urine/ ARTERIOSCLEROSIS, complications/ *ARTERIOSCLEROSIS, metabolism/ ARTERIOSCLEROSIS, urine/ BLOOD PROTEIN ELECTROPHORESIS/ CHROMATOGRAPHY, THIN LAYER/ CORONARY DISEASE, blood/ CORONARY DISEASE, complications/ *CORONARY DISEASE, metabolism/ CORONARY DISEASE, urine/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ HUMAN/ HYDROCORTISONE, urine/ *17-HYDROXYCORTICOSTEROIDS, urine/ *HYPERLIPEMIA, complications/ *17-KETOSTEROIDS, urine/ *LIPOPROTEINS, blood/ MALE
1501. Gerber AM, Mullan S: Intracranial hypertension. Postgrad Med 55:83-8, Jun 74
ADRENAL CORTEX HORMONES, therapeutic use/ BLINDNESS, etiology/ BLOOD VOLUME/ BRAIN, pathology/ BRAIN NEOPLASMS, complications/ CEREBRAL VENTRICLES, surgery/ CEREBROSPINAL FLUID/ DIPLOPIA, etiology/ DRAINAGE/ HEADACHE, etiology/ HUMAN/ HYPERTONIC SOLUTIONS/ OPTIC NERVE, physiopathology/ PAPILLEDEMA, etiology/ PSEUDOTUMOR CEREBRI, complications/ *PSEUDOTUMOR CEREBRI, diagnosis/ PSEUDOTUMOR CEREBRI, drug therapy/ PSEUDOTUMOR CEREBRI, etiology/ PSEUDOTUMOR CEREBRI, physiopathology/ PSEUDOTUMOR CEREBRI, radiography/ PSEUDOTUMOR CEREBRI, surgery/ RETINA, physiopathology/ SPINAL PUNCTURE/ VISION DISORDERS, etiology/ VOMITING, etiology
1502. Gerisch G, Hess B: Cyclic-AMP-controlled oscillations in suspended Dictyostelium cells: their relation to morphogenetic cell interactions. Proc Natl Acad Sci USA 71:2118-22, May 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *CELL AGGREGATION, drug effects/ *CYTOCHROMES, metabolism/ *MYXOMYCETES, drug effects/ MYXOMYCETES, enzymology
1503. Gerlach Z, Gerlach A: 114 przypadków wola operowanych w szpitalu Al-Attaf (Algieria). Wlad Lek 27:923-5, 15 May 74 (Pol)
ALGERIA/ EVALUATION STUDIES/ FEMALE/ *GOITER, surgery/ HUMAN/

AUTHOR SECTION

- MALE/ PREOPERATIVE CARE/ THYROID
NEOPLASMS, surgery
1504. German DC, Bowden DM: Catecholamine systems as the neural substrate for intracranial self-stimulation: a hypothesis. *Brain Res* 73:381-419, 28 Jun 74 (211 ref.)
AMYGDALOID BODY, physiology/ ANIMAL
EXPERIMENTS/ BRAIN, physiology/ BRAIN
MAPPING/ CATECHOLAMINES, physiology/
CAUDATE NUCLEUS, physiology/
CEREBELLAR NUCLEI, physiology/
CEREBELLUM, physiology/ CEREBRAL
CORTEX, physiology/ CEREBRAL
VENTRICLES, physiology/ CORPUS
STRIATUM, physiology/ DOPAMINE,
physiology/ GANGLIA, BASAL, physiology/
HUMAN/ HYPOTHALAMUS, physiology/
LIMBIC SYSTEM, physiology/ NEURAL
INTERCONNECTIONS/ NEURAL
TRANSMISSION/ NEUROHUMORS, physiology/
NOREPINEPHRINE, physiology/ OLFACTORY
BULB, physiology/ RED NUCLEUS,
physiology/ REVIEW/ *SELF STIMULATION
1505. Germaniuk IaL, Sidorenko DS: Vliianie mnogokratnykh in'ektsii gidrokortizona (odnogo i v sochetanii s ribonukleotom natriia) na vkluchenie aminokislot v belki subkletonnykh fraktsii pecheni belykh krya. *Probl Endokrinol (Mosk)* 20:71-4, Mar-Apr 74 (Rus)
*ALANINE, metabolism/ ANIMAL
EXPERIMENTS/ CARBON RADIOISOTOPES/
ENGLISH ABSTRACT/ HYDROCORTISONE,
administration & dosage/ *HYDROCORTISONE,
pharmacodynamics/ LIVER, cytology/ *LIVER,
metabolism/ MALE/ *METHIONINE,
metabolism/ *PROTEINS, biosynthesis/ RATS/
RNA, pharmacodynamics/ SODIUM,
pharmacodynamics/ *SUBCELLULAR
FRACTIONS, metabolism/ SULFUR
RADIOISOTOPES
1506. Gerrard JW, Renpenning HJ: Letter: Sex-linked mental retardation. *Lancet* 1:1346, 29 Jun 74
FEMALE/ HUMAN/ MALE/ *MENTAL
RETARDATION, familial & genetic/ *SEX
CHROMOSOMES
1507. Gersch M, Bräuer R: In-vitro-Stimulation der Prothoracaldrüsen von Insekten als Testsystem (Prothoracaldrüsentest). *J Insect Physiol* 20:735-41, Apr 74 (Ger)
ANIMAL EXPERIMENTS/ COCKROACHES,
metabolism/ *COCKROACHES, physiology/
*ENDOCRINE GLANDS, metabolism/ ENGLISH
ABSTRACT/ *RNA, biosynthesis/ TISSUE
CULTURE/ TRITIUM/ URIDINE, metabolism
1508. Gershey EL, Kaplan I: A method for the preparation of desialylated human chorionic gonadotropin and its sub-units. *Biochim Biophys Acta* 342:322-32, 11 Apr 74
AMINO ACIDS, analysis/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ CLOSTRIDIUM
PERFRINGENS, enzymology/ COMPARATIVE
STUDY/ ERYTHROCYTES, immunology/
EVALUATION STUDIES/ FEMALE/ GEL
DIFFUSION TESTS/ GEL FILTRATION/
*GONADOTROPINS, CHORIONIC, isolation &
purification/ GONADOTROPINS, CHORIONIC,
urine/ HUMAN/ HYDROGEN-ION
CONCENTRATION/ ISOELECTRIC FOCUSING/
MACROMOLECULAR SYSTEMS/ NEURAMINIC
ACIDS/ NEURAMINIDASE/ PREGNANCY/
RABBITS, immunology/
SPECTROPHOTOMETRY/
SPECTROPHOTOMETRY, ULTRAVIOLET/
UREA
1509. Gessa GL, Biggio G, Fadda F, et al: Effect of the oral administration of tryptophan-free amino acid mixtures on serum tryptophan, brain tryptophan and serotonin metabolism. *J Neurochem* 22:869-70, May 74
ADMINISTRATION, ORAL/ AMINO ACIDS,
administration & dosage/ AMINO ACIDS,
metabolism/ ANIMAL EXPERIMENTS/ BRAIN,
drug effects/ *BRAIN, metabolism/
COMPARATIVE STUDY/ DIET/
HYDROXYINDOLEACETIC ACID, metabolism/
MALE/ SEROTONIN, blood/ *SEROTONIN,
metabolism/ TRYPTOPHAN, blood/
*TRYPTOPHAN, metabolism/ TRYPTOPHAN,
pharmacodynamics
1510. Gharbo SA, Gosser LA: A stable and sensitive colorimetric method for the determination of ergocalciferol (vitamin D2) by using trifluoroacetic acid. *Analyst* 99:222-4, Apr 74
CHEMISTRY/ COLORIMETRY/
*ERGOCALCIFEROL, analysis/
*FLUOROACETATES/ METHODS
1511. Gharib H, Munoz JM: Endocrine manifestations of diphenylhydantoin therapy. *Metabolism* 23:515-24, Jun 74
ADRENAL GLANDS, drug effects/ ALKALINE
PHOSPHATASE, blood/ BLOOD SUGAR,
metabolism/ *DIPHENYLHYDANTOIN, adverse
effects/ DIPHENYLHYDANTOIN, therapeutic
use/ *ENDOCRINE DISEASES, chemically
induced/ HUMAN/ HYDROCORTISONE, blood/
17-HYDROXYCORTICOSTEROIDS, urine/
HYDROXYLATION/ HYPERGLYCEMIA,
chemically induced/ HYPOTHALAMUS, drug
effects/ 17-KETOSTEROIDS, urine/ KINETICS/
*METABOLIC DISEASES, chemically induced/
PARATHYROID HORMONE, metabolism/
PROTEIN-BOUND IODINE TEST/ THYROID
GLAND, drug effects/ THYROTROPIN, blood/
TRIIODOTHYRONINE, blood
1512. Ghazarian JG, DeLuca HF: 25-Hydroxycholecalciferol-1-hydroxylase: a specific requirement for NADPH and a hemoprotein component in chick kidney mitochondria. *Arch Biochem Biophys* 160:63-72, Jan 74
ANIMAL EXPERIMENTS/
ANTIMETABOLITES, pharmacodynamics/
CARBON MONOXIDE, pharmacodynamics/
CHICKENS/ CHROMATOGRAPHY, ION
EXCHANGE/ ELECTRON TRANSPORT/
*HEMOPROTEINS, metabolism/
HYDROXYCHOLECALCIFEROL/ ISOCITRATE
DEHYDROGENASE, metabolism/
ISOCITRATES, metabolism/ KIDNEY, cytology/
*KIDNEY, enzymology/ KINETICS/
MAGNESIUM, pharmacodynamics/ MALATES,
metabolism/ MALE/ MITOCHONDRIA, drug
effects/ *MITOCHONDRIA, enzymology/
MITOCHONDRIAL SWELLING, drug effects/
NAD, pharmacodynamics/ NADP,
pharmacodynamics/ OXIDATION-REDUCTION/
*STEROID HYDROXYLASES, metabolism/
SUCCINATES, metabolism/ TRITIUM
1513. Ghazarian JG, Jefcoate CR, Knutson JC, et al: Mitochondrial cytochrome p450. A component of chick kidney 25-hydrocholecalciferol-1-alpha-hydroxylase. *J Clin Invest* 53:3026-33, Jun 74
ADRENAL GLANDS, enzymology/
AMINOGLUTETHIMIDE, pharmacodynamics/
ANIMAL EXPERIMENTS/ ANTIMYCIN A,
metabolism/ BINDING, COMPETITIVE/
CARBON MONOXIDE/ CATTLE/ CHICKENS/
CYTOCHROME OXIDASE, metabolism/
*CYTOCHROME P-450, metabolism/
FERREDOXINS, metabolism/
HYDROXYCHOLECALCIFEROL/ KIDNEY,
cytology/ *KIDNEY, metabolism/ KINETICS/
MALE/ METYRAPONE, pharmacodynamics/
MICROSOMES, metabolism/ *MITOCHONDRIA,
metabolism/ NADH, NADPH
OXIDOREDUCTASES, metabolism/
OXIDATION-REDUCTION/
SPECTROPHOTOMETRY/ STEROID
HYDROXYLASES, antagonists & inhibitors/
*STEROID HYDROXYLASES, metabolism/
TRITIUM
1514. Ghosh ML, Harris-Jones JN: Coombs-negative autoimmune hemolytic anemia and immunoglobulin deficiency. *Am J Clin Pathol* 62:40-6, Jul 74
ANEMIA, HEMOLYTIC, AUTOIMMUNE,
complications/ *ANEMIA, HEMOLYTIC,
AUTOIMMUNE, diagnosis/ AUTOANTIBODIES,
analysis/ *COOMBS' TEST/ ERYTHROCYTES,
immunology/ FALSE NEGATIVE REACTIONS/
FEMALE/ HUMAN/ IGA, analysis/ IGG,
analysis/ IGM, analysis/ *IMMUNOLOGIC

AUTHOR SECTION

DEFICIENCY SYNDROMES, complications/
IMMUNOLOGIC DEFICIENCY SYNDROMES,
drug therapy/ IMMUNOLOGIC DEFICIENCY
SYNDROMES, pathology/ MACROPHAGES/
PHAGOCYTOSIS/ PREDNISOLONE, therapeutic
use

1515. Ghosh ML, Sayeed A: Unusual cases of myelomatosis.
Scand J Haematol 12:147-54, 1974

AGED/ AUTOPSY/ BIOPSY/ BONE MARROW
CELLS, cytology/ CYCLOPHOSPHAMIDE,
therapeutic use/ FEMALE/ *HEART
NEOPLASMS, complications/ HUMAN/
*KIDNEY NEOPLASMS, complications/
KIDNEY NEOPLASMS, pathology/
*LEUKEMIA, LYMPHOBLASTIC, complications/
LYMPHOCYTES, cytology/ MALE/
MELPHALAN, therapeutic use/ MIDDLE AGE/
MULTIPLE MYELOMA, blood/ *MULTIPLE
MYELOMA, complications/ MULTIPLE
MYELOMA, drug therapy/ MULTIPLE
MYELOMA, pathology/ NASAL POLYPS,
pathology/ NOSE NEOPLASMS, pathology/
OSTEITIS DEFORMANS, complications/
*PLASMACYTOMA, complications/
PLASMACYTOMA, pathology/ PLEURAL
EFFUSION, radiography/ PREDNISOLONE,
therapeutic use

1516. Ghosh NK, Cox RP, Winkler RJ: Characterization of
monosaccharides in human placental alkaline
phosphatase by gas-liquid chromatography.
Biochim Biophys Acta 343:638-40, 24 May 74

*ALKALINE PHOSPHATASE, isolation &
purification/ CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, ION EXCHANGE/
FEMALE/ FUCOSE, analysis/ GALACTOSE,
analysis/ GEL FILTRATION/ GLUCOSE,
analysis/ *GLYCOPROTEINS/ HUMAN/
MANNONE, analysis/ *PLACENTA, enzymology

1517. Ghosh NK, Rukenstein A, Labowsky C, et al: Human
placental alkaline phosphatase, an inhibitor of
hemagglutination by PR8-influenza A virus.
Experientia 30:333-5, 15 Apr 74

ALKALINE PHOSPHATASE, analysis/
*ALKALINE PHOSPHATASE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
ANTIGEN-ANTIBODY REACTIONS/
CHICKENS/ ERYTHROCYTES, immunology/
FEMALE/ HEMAGGLUTINATION,
drug effects/ HEMAGGLUTINATION
INHIBITION TESTS/ HUMAN/ IN VITRO/
*INFLUENZA VIRUSES, drug effects/
INFLUENZA VIRUSES, immunology/
MOLECULAR WEIGHT/ NEURAMINIC ACIDS/
NEURAMINIDASE, analysis/
NEURAMINIDASE, pharmacodynamics/
*PLACENTA, enzymology/ VIBRIO COMMA,
enzymology

1518. Ghouri MA, Sama SK, Das Gupta LR, et al: A new
anthelmintic for the treatment of hookworm disease.
J Assoc Physicians India 21:291-3, Mar 73

ANTHELMINTICS, adverse effects/
*ANTHELMINTICS, therapeutic use/ FEMALE/
*HOOKWORM INFECTIONS, drug therapy/
HUMAN/ MALE/ THIOCYANATES, adverse
effects/ *THIOCYANATES, therapeutic use

1519. Ghosian D, Amor B, Delbarre F: L. Dopa et métastases
osseuses des cancers du sein.
Nouv Presse Med 3:678, 16 Mar 74 (Fre)

*BONE NEOPLASMS, drug therapy/ *BREAST
NEOPLASMS, drug therapy/ CLINICAL
RESEARCH/ *DOPA, therapeutic use/ DRUG
COMBINATIONS/ ESTROGENS, therapeutic
use/ FEMALE/ HUMAN/ *NEOPLASM
METASTASIS/ PROLACTIN, therapeutic use

1520. Giannattasio M, Mandato E, Macchia V: Content of 3',5'
cyclic AMP and cyclic AMP phosphodiesterase in
dormant and activated tissues of Jerusalem artichoke
tubers.
Biochem Biophys Res Commun 57:365-71, 25 Mar 74

*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/
CHROMATOGRAPHY, ION EXCHANGE/
CHROMATOGRAPHY, THIN LAYER/
KINETICS/ LEUCINE/

*PHOSPHODIESTERASES, metabolism/ PLANT
PROTEINS, biosynthesis/ PLANTS,
enzymology/ *PLANTS, metabolism/ PLANTS,
physiology/ RADIOIMMUNOASSAY/ RNA,
biosynthesis/ SEASONS/ TIME FACTORS/
TRITIUM/ URACIL NUCLEOTIDES

1521. Giannopoulos G: Uptake and metabolism of cortisone
and cortisol by the fetal rabbit lung.
Steroids 23:845-53, Jun 74

ANIMAL EXPERIMENTS/ CELL NUCLEUS,
metabolism/ CHROMATOGRAPHY, PAPER/
*CORTISONE, metabolism/ FETUS,
metabolism/ *HYDROCORTISONE, metabolism/
INJECTIONS, INTRAMUSCULAR/ *LUNG,
metabolism/ PROTEIN BINDING/ TRITIUM

1522. Giard A, Pons D, Agache P: Symptomatologie et
corticothérapie locale.
Thérapeutique 49:689-92, Dec 73 (Fre)

*ADRENAL CORTEX HORMONES, therapeutic
use/ *ANTI-INFLAMMATORY AGENTS,
TOPICAL, therapeutic use/ ECZEMA, drug
therapy/ HUMAN/ PSORIASIS, drug therapy/
*SKIN DISEASES, drug therapy/ SKIN
MANIFESTATIONS

1523. Gibberd M, McMillan M, Staffurth JS: Letter:
Thyrotrophin (T.S.H.) after iodine-131 therapy.
Lancet 1:1048, 25 May 74

HUMAN/ *HYPERTHYROIDISM, drug therapy/
*HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, diagnosis/
HYPOTHYROIDISM, etiology/ *IODINE
RADIOISOTOPES, adverse effects/ IODINE
RADIOISOTOPES, therapeutic use/
PROTEIN-BOUND IODINE TEST/
*RADIOTHERAPY, adverse effects/
*THYROTROPIN, blood

1524. Gibbs P: Letter: Pseudotumours of the orbit.
Br Med J 2:445-6, 25 May 74

ADRENAL CORTEX HORMONES, therapeutic
use/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/
ORBITAL NEOPLASMS, diagnosis/ *ORBITAL
NEOPLASMS, etiology/ *TEMPORAL
ARTERITIS, complications/ TEMPORAL
ARTERITIS, diagnosis/ TEMPORAL
ARTERITIS, drug therapy

1525. Gibbs WP: Letter: Acne and ovral.

Arch Dermatol 109:912, Jun 74
*ACNE, chemically induced/ ACNE, drug
therapy/ ADOLESCENCE/ ADULT/
*CONTRACEPTIVES, ORAL, adverse effects/
FEMALE/ HUMAN/ TETRACYCLINE,
therapeutic use

1526. Gibson DG: Pharmacodynamic properties of
beta-adrenergic receptor blocking drugs in man.
Drugs 7:8-38, 1974 (170 ref.)

*ADRENERGIC BETA RECEPTOR
BLOCKADERS, pharmacodynamics/
ALPRENOLOL, pharmacodynamics/ BLOOD
PRESSURE, drug effects/ CARDIAC OUTPUT,
drug effects/ CATECHOLAMINES, antagonists
& inhibitors/ EXERTION/ GLYCOLYSIS, drug
effects/ HEART, drug effects/ HEART
CONDUCTION SYSTEM, drug effects/ HEART
RATE, drug effects/ *HEMODYNAMICS, drug
effects/ HUMAN/ LIPIDS, metabolism/
OXPRENOLOL, pharmacodynamics/ OXYGEN
CONSUMPTION, drug effects/ PINDOLOL,
pharmacodynamics/ PRACTOLOL,
pharmacodynamics/ PROPRANOLOL,
pharmacodynamics/ QUINIDINE,
pharmacodynamics/ RECEPTORS,
ADRENERGIC, drug effects/ REGIONAL
BLOOD FLOW, drug effects/ RENIN, blood/
REVIEW/ STRUCTURE-ACTIVITY
RELATIONSHIP/ VASOMOTOR SYSTEM, drug
effects

1527. Gibson R, Hirschowitz BI, Hutchison G: Actions of
metiamide, an H2-histamine receptor antagonist, on
gastric H+ and pepsin secretion in dogs.
Gastroenterology 67:93-9, Jul 74

ANIMAL EXPERIMENTS/ ANTIHISTAMINICS,
administration & dosage/ *ANTIHISTAMINICS,
pharmacodynamics/ BETHANECHOL

AUTHOR SECTION

- COMPOUNDS, pharmacodynamics/ *GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, drug effects/ GASTRIC MUCOSA, secretion/ GLUCOSE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IMIDAZOLES, pharmacodynamics/ PENTAGASTRIN, pharmacodynamics/ *PEPSIN, secretion/ RECEPTORS, DRUG/ SULFIDES, pharmacodynamics/ *THIOUREA, pharmacodynamics
1528. Gierak A, Samochowiec E, Fraioli F, et al: Zachowanie się LH w moczu i w surowicy krwi kobiet chorych na jaskrę prostą.
Ginekol Pol 45:581-5, May 74 (Pol)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ GLAUCOMA, blood/ *GLAUCOMA, metabolism/ GLAUCOMA, urine/ HUMAN/ LH, blood/ *LH, metabolism/ LH, urine/ MIDDLE AGE
1529. Gikavyi VI, Ershova IN, Zavetnala GL: Vlianie étrona i ego kombinatsii s geksonem i pentaminom na sistemnuu gemodinamiku.
Farmatsia 22:696-9, Nov-Dec 73 (Rus)
ANIMAL EXPERIMENTS/ *AZAMETHONIUM COMPOUNDS, pharmacodynamics/ CATS/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ *HEMODYNAMICS, drug effects/ *HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ *HYPNOTICS AND SEDATIVES, pharmacodynamics/ *THIOUREA, pharmacodynamics
1530. Gilbert CH, Galton DJ: The effect of catecholamines and fasting on cyclic-AMP and release of glycerol from human adipose tissue.
Horm Metab Res 6:229-33, May 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADIPOSE TISSUE, analysis/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ *CATECHOLAMINES, pharmacodynamics/ COMPARATIVE STUDY/ *FASTING/ FATTY ACIDS, analysis/ GLYCERIN, analysis/ *GLYCERIN, metabolism/ HUMAN/ INSULIN, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ LIPIDS, metabolism/ NOREPINEPHRINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics
1531. Gilbert HG, Phillips GH, English AF, et al: The progestational and anti-estrogenic activities of some novel 11beta-substituted steroids.
Steroids 23:585-602, Apr 74
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ CASTRATION/ COMPARATIVE STUDY/ ESTRADIOL, pharmacodynamics/ ESTROGENS, administration & dosage/ *ESTROGENS, antagonists & inhibitors/ ESTROGENS, pharmacodynamics/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ MICE/ OVARY, physiology/ PROGESTATIONAL HORMONES, administration & dosage/ *PROGESTATIONAL HORMONES, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ RABBITS/ RATS/ SPECIES SPECIFICITY/ STEROIDS, CHLORINATED, administration & dosage/ STEROIDS, CHLORINATED, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP
1532. Gillard-Baruh JH: Le strontium 90 dans les os humains en Belgique, de 1967 à 1969.
J Belge Radiol 57:137-43, Mar-Apr 74 (Fre)
AGE FACTORS/ BELGIUM/ *BONE AND BONES, analysis/ DIET/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IN VITRO/ MALE/ SPINE, analysis/ *STRONTIUM RADIOISOTOPES, analysis
1533. Gimmel'reikh NG, Koval' ZA: Vplyv modyfikatsii sul'fidryl'nykh hrup sarkolemy na aktyvnist' Ca2+-ta Mg2+-zaleznykh ATF-az.
Ukr Biokhim Zh 45:587-94, Sep-Oct 73 (Ukr)
*ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BENZOATES, pharmacodynamics/ *CALCIUM, metabolism/
- CATIONS, DIVALENT/ DISULFIDES, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYME REPRESSION, drug effects/ ETHYLMALIMIDE, pharmacodynamics/ INDICATORS AND REAGENTS/ MAGNESIUM, metabolism/ NITRO COMPOUNDS, pharmacodynamics/ RABBITS/ *SARCOLEMA, drug effects/ SARCOLEMA, enzymology/ SPECTROPHOTOMETRY/ *SULFHYDRYL COMPOUNDS, metabolism/ *SULFHYDRYL REAGENTS, pharmacodynamics
1534. Ginsburg E, Salomon D, Sreevalsan T, et al: Growth inhibition and morphological changes caused by lipophilic acids in mammalian cells.
Proc Natl Acad Sci USA 70:2457-61, Aug 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BUTYRATES, pharmacodynamics/ *CELL DIVISION, drug effects/ CELL LINE/ *CELLS, CULTURED, drug effects/ DINITROPHENOLS, pharmacodynamics/ *FATTY ACIDS, pharmacodynamics/ FEMALE/ *FOOD ADDITIVES, pharmacodynamics/ HELA CELLS/ HUMAN/ INTESTINES, embryology/ LIVER/ LUNG, embryology/ PARABENS, pharmacodynamics/ PROPIONATES, pharmacodynamics/ SARCOMA, EXPERIMENTAL
1535. Ginsburg M, Greenstein BD, MacLusky NJ, et al: Proceedings: Dihydrotestosterone binding in brain and pituitary cytosol of rats.
J Endocrinol 61:xxiv, Apr 74
AMYGDALOID BODY, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ *BRAIN, metabolism/ CASTRATION/ CEREBRAL CORTEX, analysis/ CYTOSOL, metabolism/ FEMALE/ HYPOTHALAMUS, analysis/ *PITUITARY GLAND, analysis/ PROSTATE, analysis/ RATS/ *STANOLONE, metabolism/ TRITIUM
1536. Ginsburg M, Greenstein BD, MacLusky NJ, et al: An improved method for the study of high-affinity steroid binding: oestradiol binding in brain and pituitary.
Steroids 23:773-92, Jun 74
AMYGDALOID BODY, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ *BRAIN, metabolism/ CEREBRAL CORTEX, metabolism/ CYTOSOL, metabolism/ DIETHYLSTILBESTROL/ *ESTRADIOL, analysis/ FEMALE/ GEL FILTRATION/ HYPOTHALAMUS, metabolism/ METHODS/ *PITUITARY GLAND, metabolism/ PROGESTERONE, analysis/ STANOLONE, analysis/ TESTOSTERONE, analysis/ TRIMODALITIES/ TIME FACTORS/ TRITIUM/ UTERUS, metabolism
1537. Ginsburg M, Greenstein BD, MacLusky NJ, et al: Proceedings: Specificity of oestradiol high-affinity binding in cytosol from the brain and pituitary of the rat.
J Endocrinol 61:23-4, Apr 74
AMYGDALOID BODY, metabolism/ ANDROSTENOLS, metabolism/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BINDING SITES/ *BRAIN, metabolism/ CEREBRAL CORTEX, metabolism/ CYTOSOL, metabolism/ DIETHYLSTILBESTROL, metabolism/ *ESTRADIOL, metabolism/ ESTRONE, metabolism/ *PITUITARY GLAND, metabolism/ RATS/ TRITIUM/ UTERUS, metabolism
1538. Gintler OJ, Nutt L, Wentworth BC, et al: Progesterone concentration in milk and blood during pregnancy in cows.
Proc Soc Exp Biol Med 146:354-7, Jun 74
ANIMAL EXPERIMENTS/ *CATTLE/ CHROMATOGRAPHY/ FEMALE/ GESTATIONAL AGE/ *MILK, analysis/ *PREGNANCY, ANIMAL/ PROGESTERONE, analysis/ *PROGESTERONE, blood/ RADIOIMMUNOASSAY/ SHEEP, immunology/ TRITIUM
1539. Gintzler AR, Musacchio JM: Interaction between serotonin and morphine in the guinea-pig ileum.
J Pharmacol Exp Ther 189:484-92, May 74
ANALGESIA/ ANIMAL EXPERIMENTS/

AUTHOR SECTION

- DOSE-RESPONSE RELATIONSHIP, DRUG/
DRUG INTERACTIONS/ DRUG SYNERGISM/
ELECTRIC STIMULATION/ GUINEA PIGS/
*ILEUM, drug effects/ IN VITRO/ LYSERGIC
ACID DIETHYLAMIDE, pharmacodynamics/
*MORPHINE, pharmacodynamics/ MUSCLE,
SMOOTH, drug effects/ NOREPINEPHRINE,
pharmacodynamics/ SEROTONIN,
administration & dosage/ SEROTONIN,
antagonists & inhibitors/ *SEROTONIN,
pharmacodynamics
1540. Giordano G, Fopplani E, Minuto F, et al: Effetto del 5-idrossitriptofano sulla secrezione dell'ormone somatotropo nell'uomo. Arch E Maragliano Patol Clin 29:1-5, Jan 73 (Ita)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
*HYDROXYTRYPTOPHAN, pharmacodynamics/
MALE/ PITUITARY GLAND, drug effects/
PITUITARY GLAND, physiology/
*SOMATOTROPIN, secretion
1541. Giordano G, Fopplani E, Minuto F, et al: Il ritmo sonno-veglia della secrezione somatotropica nell'uomo sotto l'influenza dell'alpha-metildopa e del disulfiram. Arch E Maragliano Patol Clin 29:7-14, Jan 73 (Ita)
*CIRCADIAN RHYTHM/ *DISULFIRAM,
pharmacodynamics/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ HYPOTHALAMUS,
physiology/ MALE/ *METHYLDOPA,
pharmacodynamics/ PITUITARY HORMONE
RELEASING HORMONES, physiology/ SLEEP/
*SOMATOTROPIN, secretion/ WAKEFULNESS
1542. Giorgi EP, Moses T, Grant JK: Proceedings: Androgen dynamics in vitro in the prostate gland. J Endocrinol 61:17-8, Apr 74
*ANDROGENS, metabolism/ ANIMAL
EXPERIMENTS/ CYPROTERONE,
pharmacodynamics/ DOGS/ ESTRADIOL,
pharmacodynamics/ HUMAN/ *PROSTATE,
metabolism/ PROSTATIC NEOPLASMS,
metabolism/ STANOLONE, metabolism/
TESTOSTERONE, metabolism/ TRITIUM
1543. Giovannucci Uzielli ML, Torricelli F, Borselli L, et al: Studio clinico e carlogico di un soggetto portatore di doppio errore cromosomico. Minerva Pediatr 26:196-202, 11 Feb 74 (Ita)
CHILD, PRESCHOOL/ CHROMOSOME
ABERRATIONS/ *CHROMOSOME
ABNORMALITIES, diagnosis/ ENGLISH
ABSTRACT/ HUMAN/ KARYOTYPING/
MALE/ PHENOTYPE/ SEX CHROMOSOMES
1544. Gjp L, Karltorp N: The rapidity of the effect of different types of topical corticosteroids: a double-blind comparison between Diproderm ointment 0.05 percent and Calmurl-Hydrocortisone 1 percent. Curr Ther Res 16:300-5, Apr 74
*BETAMETHASONE, therapeutic use/
CLINICAL RESEARCH/ COMPARATIVE
STUDY/ *DERMATITIS, CONTACT, drug
therapy/ HUMAN/ *HYDROCORTISONE,
TOPICAL, therapeutic use/ *LACTATES,
therapeutic use/ OINTMENTS/ STATISTICS/
*UREA, therapeutic use
1545. Girgis M: Histochemical localization of acetylcholinesterase enzyme in the 'limbic system' of the brain of the squirrel monkey (Saimiri sciureus). Acta Anat (Basel) 87:321-33, 1974
*ACETYLCHOLINESTERASE, metabolism/
AMYGDALOID BODY, enzymology/ ANIMAL
EXPERIMENTS/ BRAIN STEM, enzymology/
CEREBRAL CORTEX, enzymology/ FEMALE/
GANGLIA, BASAL, enzymology/ GYRUS
CINGULI, enzymology/ HIPPOCAMPUS,
enzymology/ HYPOTHALAMUS, enzymology/
*LIMBIC SYSTEM, enzymology/ MALE/
MONKEYS/ SEPTAL NUCLEI, enzymology/
SEPTUM PELLUCIDUM, enzymology/
THALAMIC NUCLEI, enzymology
1546. Girndt J, Kramer P, Scheler F: Schwere Hypertonie mit Herzinsuffizienz und Nephrosklerose nach Einnahme oraler Antikonceptiva. Dtsch Med Wochenschr 99:404-7, 1 Mar 74 (Ger)
ADULT/ ANTIHYPERTENSIVE AGENTS,
therapeutic use/ *CONTRACEPTIVES, ORAL,
adverse effects/ DIGOXIN, therapeutic use/
DYSYPNEA, chemically induced/
ELECTROCARDIOGRAPHY/ ENGLISH
ABSTRACT/ *ETHINYL ESTRADIOL, adverse
effects/ FEMALE/ HEART
CATHETERIZATION/ *HEART FAILURE,
CONGESTIVE, chemically induced/ HUMAN/
*HYPERTENSION, chemically induced/
HYPERTENSION, complications/
HYPERTENSION, drug therapy/ INULIN,
diagnostic use/ KIDNEY FUNCTION TESTS/
LIVER, metabolism/ *LYNESTRENOL, adverse
effects/ *NEPHROSCLEROSIS, chemically
induced/ RENIN, secretion/ RESERPINE,
therapeutic use/ THIRST, drug effects
1547. Giroud JP, Velo JP, Timsit J, et al: The distribution of prostaglandins in inflammatory exudates. Pol J Pharmacol Pharm 26:39, Jan-Apr 74
*EXUDATES AND TRANSUDATES, analysis/
*INFLAMMATION, metabolism/
MACROPHAGES, analysis/
PROSTAGLANDINS, analysis
1548. Gjesdal K: Platelet factor 4 (PF-4). A study on methodology and physiology. Scand J Haematol 12:51-9, 1974
ADULT/ BLOOD CELL COUNT/ *BLOOD
COAGULATION, drug effects/ *BLOOD
COAGULATION FACTORS, metabolism/
BLOOD PLATELETS, drug effects/ *BLOOD
PLATELETS, metabolism/ *CALCIUM, blood/
CATTLE/ DIETARY FATS, administration &
dosage/ ETHINYL ESTRADIOL,
pharmacodynamics/ EXERTION/ FASTING/
FEMALE/ FIBRINOGEN, metabolism/
HEPARIN, blood/ HUMAN/ HYDROGEN-ION
CONCENTRATION/ INDICATOR DILUTION
TECHNICS/ MALE/ METHODS/
NORGESTREL, pharmacodynamics/
PREGNANCY/ SURFACE-ACTIVE AGENTS,
pharmacodynamics/ TEMPERATURE/
ULTRACENTRIFUGATION
1549. Gjonnaess H, Fagerhol MK: Studies on plasma coagulation and fibrinolysis during oral contraception of various types with special reference to cold activation of factor VII. Scand J Haematol 12:232-40, 1974
BLOOD CELL COUNT/ *BLOOD
COAGULATION, drug effects/ BLOOD
COAGULATION TESTS/ BLOOD PLATELETS,
drug effects/ COLD/ COMPARATIVE STUDY/
*CONTRACEPTIVES, ORAL,
pharmacodynamics/ DRUG COMBINATIONS/
*ETHINYL ESTRADIOL, pharmacodynamics/
*FACTOR VII, metabolism/ FACTOR VIII,
metabolism/ FACTOR IX, metabolism/
FEMALE/ FIBRINOGEN, metabolism/
*FIBRINOLYSIS, drug effects/ HEMATOCRIT/
HUMAN/ *MEDROXYPROGESTERONE,
pharmacodynamics/ *MESTRANOL,
pharmacodynamics/ PLASMINOGEN, blood/
*PROGESTERONE, pharmacodynamics
1550. Glanville H de: Letter: Oral contraception and sex ratio at birth. Lancet 1:935-6, 11 May 74
*CONTRACEPTIVES, ORAL,
pharmacodynamics/ FEMALE/ HUMAN/
HUNGARY/ INFANT, NEWBORN/ MALE/
*SEX RATIO
1551. Glanzmann C, Piroth HD, Magdeburg W, et al: Therapie der Hyperthyreose mit Jod 125. Radiol Clin Biol 43:344-7, 1974 (Ger)
ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/
HUMAN/ *HYPERTHYROIDISM, radiotherapy/
IODINE RADIOISOTOPES, administration &
dosage/ *IODINE RADIOISOTOPES,
therapeutic use/ RADIOTHERAPY DOSAGE
1552. Glebov BF, Roshcheniuk VN: Vyznachennia adrenokortykotropnoho hormonu i 17-oksykortykosteroidiv u khvorykh na rak tila matky, a takozh pry iho retsydyvakh i metastazakh. Pediatr Akush Ginek 3:57-60, 1973 (Ukr)
AGED/ *CORTICOTROPIN, blood/ FEMALE/
HUMAN/ *17-HYDROXYCORTICOSTEROIDS,
blood/ 17-HYDROXYCORTICOSTEROIDS,

AUTHOR SECTION

- urine/ MIDDLE AGE/ *NEOPLASM
METASTASIS, blood/ NEOPLASM
RECURRENCE, LOCAL, blood/ *UTERINE
NEOPLASMS, blood/ VAGINAL NEOPLASMS,
blood
1553. Głębowski H, Kosmala U, Płamieniak Z, et al: Anomalia
pogranicza czaszkowo-kregowego z gonadotropinowa
niewydolno ściaprzysadki (gonadotropinowa
niewydolność przysadki.
Endokrynol Pol 25:153-8, Mar-Apr 74 (Pol)
ADULT/ *CERVICAL VERTEBRAE,
abnormalities/ ENGLISH ABSTRACT/
GLUCOSE TOLERANCE TEST/
*GONADOTROPINS, PITUITARY, urine/
HUMAN/ *HYPOGONADISM, etiology/
*HYPOPITUITARISM, etiology/ MALE/
*OCCIPITAL BONE, abnormalities
1554. Gleispach H: The use of different silylating agents for
structure analyses of steroids.
J Chromatogr 91:407-12, 24 Apr 74
ACETAMIDES/ ACETATES/ CHEMISTRY/
CHROMATOGRAPHY, GAS/
*HYDROXYSTERIODS, analysis/ INDICATORS
AND REAGENTS/ METHODS/ METHYL
ETHERS/ SILICON/ SOLVENTS/ SPECTRUM
ANALYSIS, MASS/ TEMPERATURE
1555. Gless KH, Hanka M, Vecsel P, et al: Hypercorticism in
rabbits immunized against corticosteroids.
Acta Endocrinol (Kbh) 75:342-9, Feb 74
*ADRENAL GLAND HYPERFUNCTION/
ADRENAL GLANDS, drug effects/
*ALDOSTERONE, blood/ ANIMAL
EXPERIMENTS/ ANTIBODIES, analysis/
ANTIBODY FORMATION/ CARBON
RADIOISOTOPES/ CHROMATOGRAPHY,
PAPER/ *CORTICOSTERONE, blood/
CORTICOTROPIN, pharmacodynamics/
*DESOXYCORTICOSTERONE, blood/
*HYDROCORTISONE, blood/ IMMUNE
SERUMS/ IMMUNIZATION/ RABBITS/
RADIOIMMUNOASSAY/ STIMULATION,
CHEMICAL/ TIME FACTORS/ TRITIUM
1556. Glick SD, Greenstein S, Waters DH: Ventromedial
hypothalamic lesions and brain catecholamines.
Pharmacol Biochem Behav 1:591-2, Sep-Oct 73
ANIMAL EXPERIMENTS/ APPETITE
DISORDERS, etiology/ *BRAIN, metabolism/
*CATECHOLAMINES, metabolism/ CORPUS
STRIATUM, metabolism/ DOPAMINE,
metabolism/ FEMALE/ FLUOROMETRY/
*HYPOTHALAMUS, physiology/
NOREPINEPHRINE, analysis/ RATS
1557. Glorieux FH, Scriver CR: Letter: Parathyroid hormone
secretion in X-linked hypophosphatemia.
N Engl J Med 290:1329-30, 6 Jun 74
CALCIUM, metabolism/ HUMAN/
HYPOPHOSPHATEMIA, FAMILIAL, familial &
genetic/ HYPOPHOSPHATEMIA, FAMILIAL,
metabolism/ *HYPOPHOSPHATEMIA,
FAMILIAL, physiology/ PARATHYROID
HORMONE, blood/ *PARATHYROID
HORMONE, secretion/ PHOSPHATES,
metabolism/ SEX CHROMOSOMES
1558. Glossmann H, Baukal A, Catt KJ: Cation dependence of
high-affinity angiotensin II binding to adrenal cortex
receptors. Science 185:281-3, 19 Jul 74
*ADRENAL GLANDS, metabolism/
*ANGIOTENSIN II, metabolism/ ANIMAL
EXPERIMENTS/ BINDING SITES/ IN VITRO/
IODINE RADIOISOTOPES/ *POTASSIUM,
pharmacodynamics/ *RECEPTORS, DRUG/
RECEPTORS, DRUG, drug effects/ *SODIUM,
pharmacodynamics/ STIMULATION,
CHEMICAL
1559. Glusa E, Barthel W, Markwardt F: The influence of
benzamidine derivatives on human platelet function.
Thromb Diath Haemorrh 31:172-8, 15 Mar 74
ADENOSINE, metabolism/ ADENOSINE
DIPHOSPHATE, pharmacodynamics/
*AMIDINES, pharmacodynamics/
AMINOBENZOIC ACID, pharmacodynamics/
ANILIDES, pharmacodynamics/ BLOOD
COAGULATION, drug effects/ BLOOD
- COAGULATION TESTS/ CLOT RETRACTION/
COLLAGEN, pharmacodynamics/ FIBRINOGEN/
HUMAN/ METHYL ETHERS,
pharmacodynamics/ NITRO COMPOUNDS,
pharmacodynamics/ PHOSPHODIESTERASES,
metabolism/ *PLATELET ADHESIVENESS,
drug effects/ SEROTONIN, metabolism/
THROMBIN, pharmacodynamics
1560. Glusa E, Markwardt F, Hoffmann A: Influence of
benzamidine derivatives on platelet function.
Acta Univ Carol [Med Monogr] (Praha) 53:215-9, 1972
ADENOSINE DIPHOSPHATE, antagonists &
inhibitors/ ADENOSINE DIPHOSPHATE,
pharmacodynamics/ *AMIDINES,
pharmacodynamics/ *ANTICOAGULANTS,
pharmacodynamics/ BENZENE DERIVATIVES,
pharmacodynamics/ BENZOATES,
pharmacodynamics/ BINDING, COMPETITIVE/
BLOOD PLATELETS, metabolism/ CALCIUM,
pharmacodynamics/ CLOT RETRACTION/
COLLAGEN, antagonists & inhibitors/
COLLAGEN, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
ESTERS/ GUANIDINES, pharmacodynamics/
HUMAN/ IN VITRO/ METHODS/
PARASYMPATHOLYTICS, pharmacodynamics/
*PLATELET ADHESIVENESS, drug effects/
SEROTONIN, metabolism/
STRUCTURE-ACTIVITY RELATIONSHIP/
THROMBIN, antagonists & inhibitors/
THROMBIN, pharmacodynamics/ TIME
FACTORS
1561. Göbel D: Intestinale Lipodystrophie (M. Whipple) mit
bedrohlicher Verlaufsform.
Leber Magen Darm 4:117-21, May 74 (Ger)
BIOPSY/ CASE REPORT/ DRUG
RESISTANCE, MICROBIAL/ ENGLISH
ABSTRACT/ GAMMA GLOBULIN, therapeutic
use/ GRAM NEGATIVE BACTERIA, drug
effects/ GRAM POSITIVE BACTERIA, drug
effects/ HUMAN/ *LIPODYSTROPHY,
INTESTINAL, diagnosis/ LIPODYSTROPHY,
INTESTINAL, drug therapy/
LIPODYSTROPHY, INTESTINAL, pathology/
LIPODYSTROPHY, INTESTINAL, therapy/
MALE/ MICROSCOPY, ELECTRON/
PROGNOSIS/ TETRACYCLINE,
pharmacodynamics/ TETRACYCLINE,
therapeutic use/ TRIAMCINOLONE,
pharmacodynamics/ TRIAMCINOLONE,
therapeutic use
1562. Godard C: Review: The endocrine glands in infantile
malnutrition.
Helv Paediatr Acta 29:5-26, Apr 74 (113 ref.)
ADRENAL CORTEX HORMONES, physiology/
ADRENAL GLANDS, physiology/ PATHOLOGY/
ALDOSTERONE, physiology/ DIURESIS/
*ENDOCRINE GLANDS, physiology/ PATHOLOGY/
HOMEOSTASIS/ HUMAN/ *INFANT
NUTRITION DISORDERS, physiology/ PATHOLOGY/
INSULIN, physiology/ KWASHIORKOR,
physiology/ PANCREAS, physiology/ PATHOLOGY/
PROTEIN-CALORIE MALNUTRITION,
physiology/ REVIEW/ SOMATOTROPIN,
physiology/ THYROID GLAND,
physiology/ PATHOLOGY/ THYROID GLAND
FUNCTION TESTS/ VASOPRESSIN,
physiology/ WATER-ELECTROLYTE BALANCE
1563. Godfrey S, Hambleton G, König P: Letter: Steroid
aerosols and candidiasis. Br Med J 2:387, 18 May 74
AEROSOLS, adverse effects/ ASTHMA, drug
therapy/ BECLOMETHASONE, adverse effects/
BECLOMETHASONE, therapeutic use/
FEMALE/ *GLUCOCORTICOIDS, TOPICAL,
adverse effects/ HUMAN/ MALE/
*METHYLPREDNISOLONE, adverse effects/
*MONILIASIS, etiology
1564. Goding JR: The demonstration that PGF₂alpha is the
uterine luteolysin in the ewe.
J Reprod Fertil 38:261-71, Jun 74 (54 ref.)
ANIMAL EXPERIMENTS/ *CORPUS LUTEUM,
physiology/ FEMALE/ FSH, blood/
HYPOPHYSECTOMY/ LH, blood/ OVARY,
physiology/ PITUITARY GLAND, physiology/
PROLACTIN, blood/ *PROSTAGLANDINS,

AUTHOR SECTION

physiology/ REVIEW/ *SHEEP, physiology/
*UTERUS, physiology

analysis/ OVARY, drug effects/ OVULATION,
drug effects/ STIMULATION, CHEMICAL

1565. Godowicz B: Genetic differences in the content of acid phosphatase and lactate dehydrogenase in mouse testes.

Folia Histochem Cytochem (Krakow) 12:11-9, 1974
*ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ GENETICS, BIOCHEMICAL/ GENOTYPE/ GERM CELLS, enzymology/ HISTOCYTOCHEMISTRY/ HYBRIDIZATION/ *LACTATE DEHYDROGENASE, metabolism/ LACTATE DEHYDROGENASE ISOENZYMES, metabolism/ MALE/ MICE/ MICE, INBRED CBA/ MICE, INBRED STRAINS/ *TESTIS, enzymology

1566. Goebel KM, Schneider J, Goebel FD, et al: Glykolyse und Pentosephosphat-Shunt in menschlichen Erythrocyten bei Hyperthyreose und Stoffwechselkrankheiten.

Verh Dtsch Ges Inn Med 79:1301-4, 1973 (Ger)
DIABETES MELLITUS, metabolism/ *GLYCOLYSIS/ HUMAN/ HYPERLIPIDEMIA, metabolism/ *HYPERTHYROIDISM, metabolism/ HYPOGLYCEMIA, metabolism/ *METABOLIC DISEASES, metabolism/ *PENTOSEPHOSPHATES, metabolism

1567. Goel KM, Rawson SP: Proceedings: Long-term radiological assessment of juvenile rheumatoid arthritis. Arch Dis Child 49:412, May 74
ARTHRITIS, JUVENILE RHEUMATOID, physiopathology/ *ARTHRITIS, JUVENILE RHEUMATOID, radiography/ BETA GLOBULIN, analysis/ BONE AND BONES, radiography/ FOLLOW-UP STUDIES/ HUMAN/ SEX FACTORS

1568. Goel KM, Rawson SP, Shanks RA: Radiological assessment of fifty patients with juvenile rheumatoid arthritis: correlation with clinical and laboratory abnormalities. Pediatr Radiol 2:51-9, 5 Apr 74
AGE FACTORS/ ARTHRITIS, JUVENILE RHEUMATOID, classification/ ARTHRITIS, JUVENILE RHEUMATOID, complications/ ARTHRITIS, JUVENILE RHEUMATOID, drug therapy/ ARTHRITIS, JUVENILE RHEUMATOID, immunology/ ARTHRITIS, JUVENILE RHEUMATOID, metabolism/ ARTHRITIS, JUVENILE RHEUMATOID, physiopathology/ *ARTHRITIS, JUVENILE RHEUMATOID, radiography/ BONE AND BONES, radiography/ CHILD/ DERMATITIS, etiology/ DERMATITIS, radiography/ FEMALE/ FOLLOW-UP STUDIES/ HAND, radiography/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNOGLOBULINS, analysis/ LYMPHATIC DISEASES, etiology/ LYMPHATIC DISEASES, radiography/ MALE/ SEX FACTORS/ SPLENOMEGALY, etiology/ SPLENOMEGALY, radiography/ STEROIDS, therapeutic use

1569. Goetz CG, Klawans HL: Letter: Myoclonus, methysergide, and serotonin. Lancet 1:1284-5, 22 Jun 74
ANIMAL EXPERIMENTS/ DOPA, pharmacodynamics/ DOPA, therapeutic use/ DRUG ANTAGONISM/ HUMAN/ HYDROXYTRYPTOPHAN, adverse effects/ *METHYSERGIDE, pharmacodynamics/ METHYSERGIDE, therapeutic use/ MYOCLONUS, chemically induced/ *MYOCLONUS, drug therapy/ PARKINSONISM, drug therapy/ RECEPTORS, ADRENERGIC, drug effects/ *SEROTONIN, antagonists & inhibitors

1570. Goff AK, Major PW: Proceedings: Effect of human chorionic gonadotropin on in-vivo levels of cyclic AMP in rabbit ovaries. N Engl J Med 291:xxivlxxv, 11 Jun 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ FEMALE/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ *OVARY,

1571. Goffman G, Treger A, Bauman K, et al: Aktivnost' i indutsiruemost' fenazongidrokisilaz, amidopirin-N i kodein-o-demitilaz platsenty krysa v razlichnye periody ee delatel'nosti.

Farmakol Toksikol 26:457-60, Jul-Aug 73 (Rus)
*AMINOPYRINE N-DEMETHYLASE, metabolism/ ANIMAL EXPERIMENTS/ CODEINE/ ENGLISH ABSTRACT/ ENZYME INDUCTION, drug effects/ FEMALE/ *HYDROXYLASES, metabolism/ *OXIDOREDUCTASES, metabolism/ PHENAZINES/ *PHENOBARBITAL, pharmacodynamics/ *PLACENTA, enzymology/ PREGNANCY/ RATS

1572. Golberg L, Abraham R, Coulston F: Letter: When is glutamate neurotoxic?

N Engl J Med 290:1326-7, 6 Jun 74
ANIMAL EXPERIMENTS/ *GLUTAMATES, toxicity/ *HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, pathology/ MICROSCOPY, ELECTRON/ MONKEYS

1573. Goldberg LM, Skolst LB, Morrow JW: Congenital absence of testes: anorchism and monorchism. J Urol 111:840-5, Jun 74

ABNORMALITIES, drug therapy/ ABNORMALITIES, etiology/ ABNORMALITIES, occurrence/ ABNORMALITIES, radiography/ ABNORMALITIES, surgery/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FETAL DISEASES, complications/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ MALE/ PREGNANCY/ PROSTHESIS/ PSYCHOLOGY/ *TESTIS, abnormalities/ TESTIS, embryology/ TESTOSTERONE, blood/ UNITED STATES

1574. Golden GS: Prenatal development of the biogenic amine systems of the mouse brain. Dev Biol 33:300-11, Aug 73

ANIMAL EXPERIMENTS/ AXONS/ *BIOGENIC AMINES/ *BRAIN, embryology/ BRAIN CHEMISTRY/ CATECHOLAMINES/ CEREBRAL VENTRICLES, embryology/ FEMALE/ GESTATIONAL AGE/ HYPOTHALAMUS, embryology/ *MICE, embryology/ MICROSCOPY, FLUORESCENCE/ PREGNANCY/ SEROTONIN/ SUBSTANTIA NIGRA, embryology/ TEGMENTUM MESENCEPHALI, embryology

1575. Goldman AS, Klingele DA: Feminine patterns of androgen metabolism and presence of delta5, 3beta-hydroxysteroid oxidoreductases in target organs of genetic rat male pseudohermaphrodites. Proc Soc Exp Biol Med 146:539-45, Jun 74

*ANDROGENS, metabolism/ ANDROSTENEDIONE, metabolism/ ANIMAL EXPERIMENTS/ DEHYDROEPIANDROSTERONE, metabolism/ FEMALE/ *HYDROXYSTEROID DEHYDROGENASES, metabolism/ MALE/ *PENIS, embryology/ PSEUDOHERMAPHRODITISM, familial & genetic/ *PSEUDOHERMAPHRODITISM, metabolism/ *SEBACEOUS GLANDS, embryology/ SEX FACTORS/ SKIN, embryology/ TESTOSTERONE, metabolism

1576. Goldman BD, Sheridan PJ: The ovulatory surge of gonadotropin and sexual receptivity in the female golden hamster. Physiol Behav 12:991-5, Jun 74

ANIMAL EXPERIMENTS/ ESTRADIOL, pharmacodynamics/ FEMALE/ FSH, pharmacodynamics/ *GONADOTROPINS, PITUITARY, secretion/ HAMSTERS/ IMMUNE SERUMS, pharmacodynamics/ LH, pharmacodynamics/ *OVULATION/ OVULATION, drug effects/ *PITUITARY GLAND, secretion/ PROGESTERONE, pharmacodynamics/ *SEX BEHAVIOR, ANIMAL/ SEX BEHAVIOR, ANIMAL, drug effects/ SHEEP, immunology

1577. Goldman MB: Immunogenetic factors in the survival of ovarian transplants. Transplantation 17:518-23, May 74

AUTHOR SECTION

- ANIMAL EXPERIMENTS/ FEMALE/
*HISTOCOMPATIBILITY/ IMMUNE SERUMS/
IMMUNITY, PASSIVE/ LYMPH NODES,
cytology/ LYMPHOCYTES, immunology/
LYMPHOID TISSUE, immunology/ MICE/
OVARY, pathology/ *OVARY, transplantation/
SKIN, transplantation/ SPLEEN, cytology/
THYMUS GLAND, cytology/
TRANSPLANTATION, HOMOLOGOUS/
*TRANSPLANTATION IMMUNOLOGY/
VAGINAL SMEARS
1578. Goldstein MA: Nuclear pores in ventricular muscle cells from adult hypertrophied hearts.
J Mol Cell Cardiol 6:227-35, Jun 74
ANIMAL EXPERIMENTS/ AORTIC VALVE STENOSIS, pathology/ *CELL NUCLEUS/ COMPARATIVE STUDY/ HEART, drug effects/ MICROSCOPY, ELECTRON/ MYOCARDIAL DISEASES, PRIMARY, chemically induced/ *MYOCARDIAL DISEASES, PRIMARY, pathology/ MYOCARDIUM, cytology/ *MYOCARDIUM, pathology/ SPECIES SPECIFICITY/ THYROXINE, pharmacodynamics
1579. Goldzimer EL, Konopka RG, Moser KM: Reversal of the perfusion defect in experimental canine lobar pneumococcal pneumonia.
J Appl Physiol 37:85-91, Jul 74
ANIMAL EXPERIMENTS/ CONSTRICTION/ *DIPLOCOCCUS PNEUMONIAE/ ISOPROTERENOL, pharmacodynamics/ *PNEUMOCOCCAL INFECTIONS, physiopathology/ *PNEUMONIA, LOBAR, physiopathology/ PROSTAGLANDINS, pharmacodynamics/ *PULMONARY CIRCULATION/ REGIONAL BLOOD FLOW
1580. Goluboff LG, Sisson JC, Hamburger JI: Hyperthyroidism associated with pregnancy.
Obstet Gynecol 44:107-16, Jul 74
DRUG THERAPY, COMBINATION/ FEMALE/ FETAL DISEASES, chemically induced/ GOITER, chemically induced/ HUMAN/ *HYPERTHYROIDISM/ HYPERTHYROIDISM, diagnosis/ HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, surgery/ INFANT, NEWBORN, DISEASES, chemically induced/ MATERNAL-FETAL EXCHANGE/ *PREGNANCY COMPLICATIONS/ PROPYLTHIOURACIL, therapeutic use/ PROTEIN-BOUND IODINE TEST/ THYROID ANTAGONISTS, administration & dosage/ THYROID ANTAGONISTS, adverse effects/ THYROID ANTAGONISTS, therapeutic use/ TRIIODOTHYRONINE, therapeutic use
1581. Goluda M: Histochemiczne badania reakcji endometrium na stosowane w różnych jego stanach estrogen-progestageny.
Wlad Lek 27:869-71, 15 May 74 (Pol)
COMPARATIVE STUDY/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ENDOMETRIUM, drug effects/ *ENDOMETRIUM, enzymology/ FEMALE/ *GLUTAMYL TRANSPEPTIDASE, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ MENSTRUATION/ *PHOSPHATASES, metabolism/ *SUCCINATE DEHYDROGENASE, metabolism
1582. Golutvina MM, Kononykina NN: O nekotorykh svoystvakh kostnogo minerala.
Biol Nauki 5:43-7, 1974 (Rus)
*APATITES, analysis/ BARBITURATES/ *BONE AND BONES, analysis/ BONE AND BONES, metabolism/ BUFFERS/ CENTRIFUGATION/ CRYSTALLIZATION/ HUMAN/ HYDROLYSIS/ KINETICS/ SOLUBILITY/ STRONTIUM RADIOISOTOPES/ SUSPENSIONS/ ULTRAFILTRATION
1583. Goncharenko EN, Kudriashov IuB, Zhat'kova GS, et al: Rol' endogennykh veshchestv v sozdani fona povyshennof radiorezistentnosti. Soobshchenie 5. O mekhanizmkh izmeneniya urovnya lipidnykh produktov oksleniya pri radioprofilakticheskom effekte.
Radiobiologiya 14:210-4, Mar-Apr 74 (Rus)
AET, pharmacodynamics/ ANIMAL EXPERIMENTS/ CYSTAMINE, pharmacodynamics/ ENGLISH ABSTRACT/ INTESTINE, SMALL, metabolism/ *LIPIDS, metabolism/ LIVER, metabolism/ MALE/ MERCAPTOETHYLAMINES, pharmacodynamics/ OXYGEN/ *RADIATION-PROTECTIVE AGENTS, pharmacodynamics/ RATS/ SERINE, pharmacodynamics/ SEROTONIN, pharmacodynamics/ SPLEEN, metabolism/ TESTIS, metabolism/ TRYPTAMINES, pharmacodynamics
1584. Gonick HC, Drinkard JP, Hertoghe J, et al: A calcium kinetic approach to the problem of renal osteodystrophy. *Clin Orthop* 100:315-36, May 74
BIOLOGICAL TRANSPORT/ BONE RESORPTION, metabolism/ CALCINOSIS, radiography/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ CALCIUM RADIOISOTOPES/ CHRONIC DISEASE/ COMPARATIVE STUDY/ FECES, analysis/ GLOMERULONEPHRITIS, metabolism/ HIP, radiography/ HUMAN/ HYPERPARATHYROIDISM, SECONDARY, metabolism/ INTESTINAL ABSORPTION/ *KIDNEY DISEASES, metabolism/ KIDNEY, POLYCYSTIC, metabolism/ KINETICS/ MALE/ MODELS, BIOLOGICAL/ OSTEITIS FIBROSA CYSTICA, radiography/ PYELONEPHRITIS, metabolism/ *RENAL OSTEODYSTROPHY, metabolism/ SKULL, metabolism/ SKULL, radiography
1585. Gonzalez-Barcena D, Kastin AJ, Coy DH, et al: Unaltered plasma GH levels in acromegals and normal men and women after administration of (Pyro)Glu-Ser-Gly-NH₂, a proposed GH-releasing hormone. *J Clin Endocrinol Metab* 38:1134-6, Jun 74
*ACROMEGALY, blood/ ADULT/ FEMALE/ FSH, blood/ HUMAN/ LH, blood/ MALE/ MIDDLE AGE/ *PEPTIDES, pharmacodynamics/ *SOMATOTROPIN, blood/ THYROTROPIN, blood/ TIME FACTORS
1586. González-Barón S, Jiménez-Vargas J, Hernández F: Factores reflejos que modifican el efecto de la reserpina sobre la ovulación.
Rev Esp Fisiol 29:279-88, Dec 73 (Spa)
AMPHETAMINE, administration & dosage/ AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ ESTRUS/ FEMALE/ INJECTIONS, INTRAPERITONEAL/ LH, secretion/ OVARY, drug effects/ *OVULATION, drug effects/ PHYSICAL STIMULATION/ RATS/ *REFLEX, drug effects/ RESERPINE, administration & dosage/ *RESERPINE, pharmacodynamics/ TIME FACTORS
1587. González-Barón S, Jiménez-Vargas J, Hernández F: Efectos de la reserpina en la ovulación.
Rev Esp Fisiol 29:189-95, Sept 73 (Spa)
ANIMAL EXPERIMENTS/ CATECHOLAMINES, metabolism/ ENGLISH ABSTRACT/ ESTRUS/ FEMALE/ HYPOTHALAMUS, metabolism/ INJECTIONS, INTRAPERITONEAL/ LH, secretion/ OVARY, drug effects/ *OVULATION, drug effects/ PROLACTIN, secretion/ RATS/ RESERPINE, administration & dosage/ *RESERPINE, pharmacodynamics/ TIME FACTORS
1588. González Gutiérrez JT: Aspectos tendientes a mejorar el índice inducción de ovulación-embarazo.
Ginecol Obstet Mex 35:207-10, Feb 74 (Spa)
ADULT/ ENDOMETRIAL HYPERPLASIA, complications/ *ENDOMETRIAL HYPERPLASIA, therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ METHODS/ *OVULATION/ *PREGNANCY/ *STERILITY, FEMALE, therapy
1589. Goodbody RA, Gamlen TR: Cerebellar haemangioblastoma and genitourinary tumours.
J Neurol Neurosurg Psychiatr 37:606-9, May 74
*ANGIOSARCOMA, complications/ ANGIOSARCOMA, familial & genetic/ ANGIOSARCOMA, pathology/ *CARCINOMA, pathology/ *CEREBELLAR NEOPLASMS, complications/ CEREBELLAR NEOPLASMS,

AUTHOR SECTION

- familial & genetic/ CEREBELLAR
NEOPLASMS, pathology/ CEREBELLUM,
pathology/ *CYSTADENOMA, PAPILLARY,
etiology/ CYSTADENOMA, PAPILLARY,
pathology/ EPIDIDYMI, pathology/ HUMAN/
*KIDNEY NEOPLASMS, etiology/ KIDNEY
NEOPLASMS, pathology/ LUNG NEOPLASMS,
etiology/ MALE/ NEOPLASM METASTASIS/
*NEOPLASMS, MULTIPLE PRIMARY/
PEDIGREE/ *TESTICULAR NEOPLASMS,
etiology/ TESTICULAR NEOPLASMS,
pathology
1590. Gooding LR, Edidin M: Cell surface antigens of a mouse testicular teratoma. Identification of an antigen physically associated with H-2 antigens on tumor cells. *J Exp Med* 140:61-78, 1 Jul 74
ANIMAL EXPERIMENTS/
ANTIGEN-ANTIBODY REACTIONS/
*ANTIGENS, analysis/ ANTIGENS,
NEOPLASM/ ANTIGENS, VIRAL/ *CELL
MEMBRANE, immunology/ CELLS,
CULTURED/ FLUORESCENT ANTIBODY
TECHNIC/ *HISTOCOMPATIBILITY
ANTIGENS, analysis/ IMMUNE SERUMS/
MICE, INBRED C3H/ MICE, INBRED C57BL/
MICE, INBRED STRAINS/ NEOPLASMS,
EXPERIMENTAL, immunology/ SV40 VIRUS/
*TERATOID TUMOR, immunology/
*TESTICULAR NEOPLASMS, immunology/
TRYPSIN, pharmacodynamics
1591. Goodwin JF: Spectrum of cardiomyopathy and current classification. *Singapore Med J* 14:358-62, Sep 73 (18 ref.)
ACROMEGALY, complications/ ALCOHOL,
ETHYL, adverse effects/ AMYLOIDOSIS,
complications/ ENDOCARDIAL
FIBROELASTOSIS, familial & genetic/
ENDOCARDITIS, pathology/
ENDOMYOCARDIAL FIBROSIS, pathology/
EOSINOPHILIA, complications/
EOSINOPHILIA, pathology/ FEMALE/ HEART
ENLARGEMENT, familial & genetic/ HEART
FAILURE, CONGESTIVE, pathology/ HEART
VENTRICLE, pathology/ HEMOCHROMATOSIS,
complications/ HUMAN/ HYPERTENSION,
complications/ IDIOPATHIC HYPERTROPHIC
SUBVALVULAR STENOSIS,
familial & genetic/ *MYOCARDIAL DISEASES,
PRIMARY, classification/ MYOCARDIAL
DISEASES, PRIMARY, etiology/
MYOCARDIAL DISEASES, PRIMARY,
immunology/ PREGNANCY/ PREGNANCY
COMPLICATIONS, CARDIOVASCULAR/
PUERPERAL DISORDERS/ REVIEW/
SARCOIDOSIS, complications/ SCLEROSIS,
complications/ VIRUS DISEASES,
complications
1592. Gool J van, Schreuder J, Ladiges NC: Inhibitory effect of foetal alpha 2 globulin, an acute phase protein, on carrageenin oedema in the rat. *J Pathol* 112:245-62, Apr 74
ADRENAL CORTEX HORMONES, blood/
*ALPHA GLOBULIN, therapeutic use/
ANIMAL EXPERIMENTS/ BLOOD VOLUME/
BRADYKININ, pharmacodynamics/
C-REACTIVE PROTEIN, pharmacodynamics/
CAPILLARY PERMEABILITY, drug effects/
*CARRAGEENAN, antagonists & inhibitors/
COMPLEMENT/ EDEMA, chemically induced/
EDEMA, physiopathology/ *EDEMA, prevention
& control/ ESTERASES, antagonists &
inhibitors/ FEMALE/ *FETAL GLOBULINS,
therapeutic use/ HISTAMINE,
pharmacodynamics/ IMMUNE SERUMS/
INFLAMMATION, chemically induced/
INFLAMMATION, metabolism/
*INFLAMMATION, physiopathology/ MALE/
SNAKES/ VENOMS, pharmacodynamics
1593. Goossens N, Vandenberghe MP: The basal cells in the papillae fungiformes of the tongue of the common frog, *Rana temporaria* L. *Arch Histol Jap* 38:173-9, Jan 74
ANIMAL EXPERIMENTS/ FEMALE/ FROGS/
HISTOCYTOCHEMISTRY/ MALE/
MICROSCOPY, ELECTRON/ MICROSCOPY,
FLUORESCENCE/ RANA TEMPORARIA/
- SEROTONIN, analysis/ TASTE BUDS, analysis/
TASTE BUDS, cytology/ *TONGUE, cytology
1594. Gordin A, Saarinen P, Pelkonen R, et al: Serum thyrotrophin and the response to thyrotrophin releasing hormone in symptomless autoimmune thyroiditis and in borderline and overt hypothyroidism. *Acta Endocrinol (Kbh)* 75:274-85, Feb 74
ADOLESCENCE/ ADULT/ AGED/ BIOPSY,
NEEDLE/ FEMALE/ HUMAN/
HYPOTHYROIDISM, blood/
*HYPOTHYROIDISM, metabolism/
*HYPOTHYROIDISM, pathology/ MALE/
MIDDLE AGE/ PROTEIN-BOUND IODINE
TEST/ RADIOIMMUNOASSAY/ THYROID
GLAND FUNCTION TESTS/ THYROIDITIS,
blood/ *THYROIDITIS, metabolism/
THYROIDITIS, pathology/ *THYROTROPIN,
blood/ *THYROTROPIN RELEASING
HORMONE, diagnostic use
1595. Gorin E, Goodman HM: Protein kinase in adipose tissue: effect of hypophysectomy. *Horm Metab Res* 6:146-50, Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ADIPOSE TISSUE, drug
effects/ *ADIPOSE TISSUE, enzymology/
ANIMAL EXPERIMENTS/ COMPARATIVE
STUDY/ HISTONES/ HYPOPHYSECTOMY/
KINETICS/ PHOSPHATASES, metabolism/
PHOSPHORUS RADIOISOTOPES/ *PITUITARY
GLAND, physiology/ PROTAMINES/
*PROTEIN KINASE, metabolism/ RATS
1596. Gorin E, Rosenblum S: Effect of triamcinolone treatment, starvation and diabetes on rat liver protein kinase activity. *Biochim Biophys Acta* 343:510-8, 24 May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ADRENAL GLANDS, physiology/ ADRENAL
GLANDS, physiopathology/
ADRENALECTOMY/ *ALLOXAN DIABETES,
enzymology/ ANIMAL EXPERIMENTS/
BINDING SITES/ COMPARATIVE STUDY/
INSULIN, pharmacodynamics/ LIVER, drug
effects/ *LIVER, enzymology/ LIVER,
metabolism/ MALE/ *PROTEIN KINASE,
metabolism/ RECEPTORS, DRUG,
drug effects/ *STARVATION, enzymology/
TIME FACTORS/ *TRIAMCINOLONE,
pharmacodynamics/ TRITIUM
1597. Gorins A: Les progestagènes en cancérologie gynécologique. *Cah Med* 14:1056-63, 30 Nov 73 (Fre)
BREAST NEOPLASMS, drug therapy/
FEMALE/ *GYNECOLOGIC NEOPLASMS, drug
therapy/ GYNECOLOGIC NEOPLASMS,
prevention & control/ HUMAN/ NEOPLASM
METASTASIS/ *NORSTEROIDS, therapeutic
use/ OVARIAN NEOPLASMS, drug therapy/
PALLIATIVE TREATMENT/
*PROGESTATIONAL HORMONES, therapeutic
use/ REMISSION/ UTERINE NEOPLASMS,
drug therapy
1598. Gorkin VZ: Sovremennye dostizheniya v oblasti biokhimii katekholaminov. *Vopr Med Khim* 20:227-38, May 74 (116 ref.) (Rus)
AMINO ACIDS, metabolism/ AMINO ACIDS,
physiology/ BIOCHEMISTRY/
CARBOXY-LYASES, metabolism/
CARBOXY-LYASES, physiology/ CATECHOL
METHYLTRANSFERASE, metabolism/
CATECHOL METHYLTRANSFERASE,
physiology/ CATECHOLAMINES, biosynthesis/
*CATECHOLAMINES, metabolism/ DOPAMINE
BETA HYDROXYLASE, metabolism/
DOPAMINE BETA HYDROXYLASE,
physiology/ ENZYME ACTIVATION/ ENZYME
REPRESSION/ MOLECULAR
CONFORMATION/ MOLECULAR WEIGHT/
MONOAMINE OXIDASE, metabolism/
MONOAMINE OXIDASE, physiology/
MONOAMINE OXIDASE INHIBITORS,
metabolism/ MONOAMINE OXIDASE
INHIBITORS, physiology/

AUTHOR SECTION

- PHENETHANOLAMINE
N-METHYLTRANSFERASE, metabolism/
PHENETHANOLAMINE
N-METHYLTRANSFERASE, physiology/
REVIEW/ TYROSINE HYDROXYLASE,
metabolism/ TYROSINE HYDROXYLASE,
physiology
1599. Gorman RR: Specific PGE1 and PGE2 binding sites in platelet membranes. Prostaglandins 6:542, 25 Jun 74
ADENYL CYCLASE, metabolism/ *BINDING SITES, drug effects/ *BLOOD PLATELETS, metabolism/ CALCIUM, pharmacodynamics/ *CELL MEMBRANE, metabolism/ DEPRESSION, CHEMICAL/ HUMAN/ *PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ STIMULATION, CHEMICAL/ TRITIUM
1600. Górowski T, Obrowska D, Chomiczki OA: Porównanie wyników scyntygrafii guzków tarczycy in vivo i in vitro.
Pol Tyg Lek 29:601-4, 15 Apr 74 (Pol)
COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ FEMALE/ *GOITER, NODULAR, diagnosis/ GOITER, NODULAR, metabolism/ GOITER, NODULAR, surgery/ HUMAN/ IODINE, metabolism/ MALE/ PREOPERATIVE CARE/ *RADIOISOTOPE SCANNING/ TEMPERATURE
1601. Gorski RA: Perinatal effects of sex steroids on brain development and function.
Prog Brain Res 39:149-63, 1973
AGE FACTORS/ *ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ BRAIN, drug effects/ BRAIN, growth & development/ *BRAIN, physiology/ *ESTROGENS, physiology/ FEMALE/ LABOR/ MALE/ PREGNANCY/ PUERPERIUM/ RATS/ SEX BEHAVIOR, ANIMAL, drug effects
1602. Gorzalka BB, Whalen RE: Genetic regulation of hormone action: selective effects of progesterone and dihydroprogesterone (5alpha-pregnane-3,20-dione) on sexual receptivity in mice.
Steroids 23:499-505, Apr 74
ANIMAL EXPERIMENTS/ CASTRATION/ COMPARATIVE STUDY/ ESTRADIOL, pharmacodynamics/ FEMALE/ HYSTERECTOMY/ MALE/ MICE/ MICE, INBRED STRAINS/ OVARY, physiology/ *POSTURE/ *PREGNANEDIONES, pharmacodynamics/ *PROGESTERONE, pharmacodynamics/ *SEX BEHAVIOR, ANIMAL, drug effects/ TIME FACTORS/ UTERUS, physiology
1603. Gospodarowicz D: Localisation of a fibroblast growth factor and its effect alone and with hydrocortisone on 3T3 cell growth. Nature 249:123-7, 10 May 74
ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD/ *BRAIN CHEMISTRY/ CATTLE/ CELL DIVISION, drug effects/ CELL LINE/ CELLS, CULTURED/ CULTURE MEDIA/ DNA, biosynthesis/ DRUG SYNERGISM/ ESTROGENS, pharmacodynamics/ FIBROBLASTS, drug effects/ *FIBROBLASTS, growth & development/ FIBROBLASTS, metabolism/ GLUCOCORTICOIDES, pharmacodynamics/ GROWTH SUBSTANCES, isolation & purification/ *GROWTH SUBSTANCES, pharmacodynamics/ *HYDROCORTISONE, pharmacodynamics/ MICE/ NEOPLASMS, NERVOUS TISSUE/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ *PITUITARY GLAND, analysis/ RATS/ STIMULATION, CHEMICAL/ THYMIDINE, metabolism/ TRITIUM
1604. Goswami SV, Sundararaj BI, Donaldson EM: In vitro maturation response of oocytes of the catfish Heteropneustes fossilis (Bloch) to salmon gonadotropin in ovary-head kidney co-culture.
Can J Zool 52:745-8, Jun 74
ADRENAL CORTEX HORMONES, secretion/ ANIMAL EXPERIMENTS/ CULTURE MEDIA/ FEMALE/ *FISHES, physiology/ *GONADOTROPINS, pharmacodynamics/
- *KIDNEY, physiology/ *OVARY, physiology/ OVUM, drug effects/ *OVUM, growth & development/ SALMONIDAE, metabolism/ TISSUE CULTURE
1605. Goto I: Serum creatine phosphokinase isozymes in hypothyroidism, convulsion, myocardial infarction and other diseases. Clin Chim Acta 52:27-30, Mar 74
ADOLESCENCE/ ADULT/ AGAR/ CEREBROVASCULAR DISORDERS, enzymology/ COMPARATIVE STUDY/ *CONVULSIONS, enzymology/ *CREATINE KINASE, blood/ ELECTROPHORESIS/ FEMALE/ HUMAN/ *HYPOTHYROIDISM, enzymology/ *ISOENZYMES, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, enzymology/ SHOCK, enzymology
1606. Gotovtseva VA, Korovkina AS, Gusakova ET: Regulatsia biosinteza fermentov u kul'tury Mycobacterium globiforme, shtamm 193, transformirulushchei steroidy.
Mikrobiologiya 42:434-40, May-Jun 73 (Rus)
*ACETYLESTERASE, biosynthesis/ ANTIBIOTICS, pharmacodynamics/ CHROMATOGRAPHY, PAPER/ COLORIMETRY/ CORTISONE, metabolism/ CULTURE MEDIA/ DIETHYLSTILBESTROL, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYME INDUCTION, drug effects/ ESTRADIOL, pharmacodynamics/ *GLUCOCORTICOIDES, metabolism/ *HYDROXYSTERIODS, biosynthesis/ KETOSTEROIDS, biosynthesis/ *MYCOBACTERIUM, enzymology/ MYCOBACTERIUM, growth & development/ *OXIDOREDUCTASES, biosynthesis/ PREDNISONE, metabolism/ PROGESTERONE, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TESTOSTERONE, pharmacodynamics
1607. Gottlieb C, Skinner AM, Kornfeld S: Isolation of a clone of Chinese hamster ovary cells deficient in plant lectin-binding sites.
Proc Natl Acad Sci USA 71:1078-82, Apr 74
BINDING SITES/ *BINDING SITES, ANTIBODY/ CELL MEMBRANE, immunology/ *CLONE CELLS, immunology/ FEMALE/ HAMSTERS/ IODINE RADIOISOTOPES/ OVARY/ OVARY, metabolism/ *PLANT AGGLUTININS/ RICIN, metabolism/ RICIN, pharmacodynamics
1608. Gould VE, Benditt EP: Ultrastructural and functional relationships of some human endocrine tumors. Pathol Annu 8:205-30, 1973 (62 ref.)
*ADRENAL GLAND NEOPLASMS, pathology/ ADRENAL GLAND NEOPLASMS, physiopathology/ ADRENAL MEDULLA, pathology/ ADRENAL MEDULLA, physiopathology/ ANIMAL EXPERIMENTS/ HUMAN/ *ISLET CELL TUMOR, pathology/ MICROSCOPY, ELECTRON/ NEOPLASTIC ENDOCRINE-LIKE SYNDROMES, pathology/ *NEUROBLASTOMA, pathology/ NEUROBLASTOMA, physiopathology/ PANCREAS, pathology/ *PANCREATIC NEOPLASMS, pathology/ PANCREATIC NEOPLASMS, physiopathology/ *PHEOCHROMOCYTOMA, pathology/ PHEOCHROMOCYTOMA, physiopathology/ REVIEW/ *THYROID NEOPLASMS, pathology
1609. Govseeva NN, Vohdt VP: Antirakhticheskaja aktivnost' liumisterina-3.
Probl Actuels Endocrinol Nutr 10:328-30, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ CHICKENS/ CHOLECALCIFEROL, therapeutic use/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *RICKETS, prevention & control/ *STEROLS, therapeutic use
1610. Gozariu L, Forster K, Faulhaber JD, et al: Parathyroid hormone and calcitonin: influences upon lipolysis of human adipose tissue. Horm Metab Res 6:243-5, May 74
*ADIPOSE TISSUE, metabolism/ CALCITONIN, pharmacodynamics/ *CALCITONIN, physiology/ HUMAN/ ISOPROTERENOL,

AUTHOR SECTION

- pharmacodynamics/ *LIPIDS, metabolism/
PARATHYROID HORMONE,
pharmacodynamics/ *PARATHYROID
HORMONE, physiology
1611. Grabowska M, Michaluk J: On the role of serotonin in apomorphine-induced locomotor stimulation in rats. *Pharmacol Biochem Behav* 2:263-6, Mar-Apr 74
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ APOMORPHINE, administration & dosage/ *APOMORPHINE, pharmacodynamics/ BRAIN, metabolism/ BROMINE, pharmacodynamics/ CHLORINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *LOCOMOTION, drug effects/ LYSERGIC ACID DIETHYLAMIDE, pharmacodynamics/ MALE/ METHYLERGIDE, pharmacodynamics/ RATS/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, physiology/ STIMULATION, CHEMICAL
1612. Gradowska L, Caglar S, Rutherford E, et al: On the mechanism of the phosphaturia of extracellular fluid volume expansion in the dog. *Kidney Int* 3:230-7, Apr 73
ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ COMPARATIVE STUDY/ *EXTRACELLULAR SPACE, physiology/ FEMALE/ INFUSIONS, PARENTERAL/ ISOTONIC SOLUTIONS/ MAGNESIUM, pharmacodynamics/ NATRIURESIS, drug effects/ PARATHYROID GLANDS, physiology/ PARATHYROID HORMONE, secretion/ PHOSPHATES, physiology/ *PHOSPHATES, urine/ SODIUM, urine/ STATISTICS/ THYROIDECTOMY/ TIME FACTORS
1613. Graf L, Li CH: Action of plasmin on oxidized bovine growth hormone. *Arch Biochem Biophys* 161:891-5, 2 Apr 74
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ELECTROPHORESIS, PAPER/ *FIBRINOLYSIS/ GEL FILTRATION/ OXIDATION-REDUCTION/ PEPTIDE FRAGMENTS, analysis/ PITUITARY GLAND/ *SOMATOTROPIN/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN
1614. (Graff MM): Citation for the Ayerst Award for Distinguished Service in Endocrinology of The Endocrine Society for 1974 to G. Donald Wheden, M.D. Morris M. Graff, M.Sc. Robert Towner Hill, Ph.D., D.Sc. *Endocrinology* 95:334-8, Jul 74
*AWARDS AND PRIZES/ CURRENT BIO-OBIT/ *ENDOCRINOLOGY/ UNITED STATES
1615. Gragnoli G, Genazzani AR, Tanganelli I, et al: Comportamento dell'insulina immunoreattiva, della "big-insulin" e dell'ormone somatotropo nei cirrotici affetti da diabete mellito. *Folia Endocrinol (Roma)* 27:196-211, Apr 74 (Ita)
ADULT/ AGED/ ANTIGENS, blood/ *DIABETES MELLITUS, complications/ DIABETES MELLITUS, physiopathology/ ENGLISH ABSTRACT/ GLUCOSE, pharmacodynamics/ HUMAN/ *INSULIN, blood/ *LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, physiopathology/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PANCREAS, physiopathology/ PITUITARY GLAND, physiopathology/ *SOMATOTROPIN, blood
1616. Graham H, Daniel C: Ultrastructure of an anaplastic carcinoma of the thyroid. *Am J Clin Pathol* 61:690-6, May 74
CARCINOMA, diagnosis/ *CARCINOMA, pathology/ CELL NUCLEOLUS/ CELL NUCLEUS/ CYTOPLASM/ DIAGNOSIS, DIFFERENTIAL/ EPITHELIUM, pathology/ FEMALE/ HUMAN/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ SARCOMA, diagnosis/ THYROID NEOPLASMS, diagnosis/ *THYROID NEOPLASMS, pathology
1617. Graham JH, Banes D, Biesemeyer ME, et al: Analysis of sodium levothyroxine or sodium liothyronine in tablets. *J Pharm Sci* 63:763-6, May 74
INDICATORS AND REAGENTS/ OXIDATION-REDUCTION/ POTASSIUM IODIDE/ TABLETS/ THYROXINE, administration & dosage/ *THYROXINE, analysis/ TRIIODOTHYRONINE, administration & dosage/ *TRIIODOTHYRONINE, analysis
1618. Graham LS, Bennett LR: Use of subcutaneous silastic implants for the study of 11 beta, 17 alpha, 21-trihydroxy-4-pregnene-3,20-dione(cortisol) metabolism. *Steroids* 23:311-21, Mar 74
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ DIFFUSION/ DOGS/ FEMALE/ GLUCOCORTICOIDS, blood/ HYDROCORTISONE, administration & dosage/ HYDROCORTISONE, blood/ *HYDROCORTISONE, metabolism/ HYDROCORTISONE, urine/ METABOLIC CLEARANCE RATE/ *SILICONE ELASTOMERS/ TIME FACTORS/ TRITIUM
1619. Grandison L, Gelato M, Meltes J: Inhibition of prolactin secretion by cholinergic drug. *Proc Soc Exp Biol Med* 145:1236-9, Apr 74
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ MALE/ *PARASYMPATHOMIMETICS, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ PILOCARPINE, pharmacodynamics/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, secretion/ PROLACTIN, blood/ *PROLACTIN, secretion/ RATS
1620. Granger F, Dahlheim H, Thurau K: Enzyme activities of the single juxtaglomerular apparatus in the rat kidney. *Kidney Int* 1:78-88, Feb 72
ANGIOTENSIN, biosynthesis/ ANGIOTENSINASE, analysis/ *ANGIOTENSINASE, metabolism/ ANIMAL EXPERIMENTS/ ARTERIES, enzymology/ DIET/ DISSECTION/ EDTA, pharmacodynamics/ FEMALE/ FREEZE DRYING/ JUXTAGLOMERULAR APPARATUS, analysis/ *JUXTAGLOMERULAR APPARATUS, enzymology/ JUXTAGLOMERULAR APPARATUS, metabolism/ KIDNEY, blood supply/ KIDNEY CORTEX, enzymology/ KIDNEY MEDULLA, enzymology/ *KININASE II, metabolism/ MALE/ METHODS/ RENIN, analysis/ *RENIN, metabolism/ SILICONE ELASTOMERS/ SODIUM, administration & dosage/ SODIUM, pharmacodynamics
1621. Grant GF, Vale W: Hypothalamic control of anterior pituitary hormone secretion-characterized hypothalamic-hypophysiotropic peptides. *Curr Top Exp Endocrinol* 2:37-72, 1974
ANIMAL EXPERIMENTS/ FEEDBACK/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, physiology/ HYPOTHALAMUS, secretion/ LH-FSH RELEASING HORMONE, physiology/ MSH, secretion/ *PITUITARY GLAND, secretion/ PITUITARY HORMONE RELEASING HORMONES, pharmacodynamics/ *PITUITARY HORMONE RELEASING HORMONES, physiology/ *PITUITARY HORMONES, ANTERIOR, secretion/ PROLACTIN, secretion/ SOMATOTROPIN, secretion/ STRUCTURE-ACTIVITY RELATIONSHIP/ THYROTROPIN, secretion/ THYROTROPIN RELEASING HORMONE, physiology
1622. Grant NH, Sarantakis D, Yardley JP: Action of growth hormone release inhibitory hormone on prolactin release in rat pituitary cell cultures. *J Endocrinol* 61:163-4, Apr 74
ANIMAL EXPERIMENTS/ *PEPTIDES, pharmacodynamics/ *PITUITARY GLAND, drug effects/ *PROLACTIN, secretion/ RADIOIMMUNOASSAY/ RATS/ SECRETORY RATE, drug effects/ *SOMATOTROPIN, antagonists & inhibitors/ *SOMATOTROPIN RELEASING HORMONE, antagonists & inhibitors/ TISSUE CULTURE
1623. Grayzel EF: Postpubertal adrenogenital syndrome.

AUTHOR SECTION

- Treatable cause of infertility.
 NY State J Med 74:1038-9, Jun 74
 *ADRENOGENITAL SYNDROME, complications/ ADRENOGENITAL SYNDROME, diagnosis/ ADRENOGENITAL SYNDROME, drug therapy/ FEMALE/ HUMAN/ PREDNISON, therapeutic use/ *STERILITY, FEMALE, etiology/ VIRILISM, diagnosis
1624. Grdina DJ, Meistrich ML, Withers HR: Separation of clonogenic cells from stationary phase cultures by density gradient centrifugation.
 Exp Cell Res 85:15-22, 30 Mar 74
 CARBON RADIOISOTOPES/ CELL COUNT/ CELL DIVISION/ CELL LINE/ *CELL SEPARATION/ CELLS, CULTURED/ *CENTRIFUGATION, DENSITY GRADIENT/ CLONE CELLS/ DIATRIZOATE/ FEMALE/ HAMSTERS/ OVARY/ SERUM ALBUMIN, BOVINE/ THYMIDINE/ TIME FACTORS
1625. Grebe SF: Die Messung der schilddrüsenhormonbedingten Stoffwechsellaage mit dem T4- und T3-Test unter Berücksichtigung der Radiojod-Therapie. Radiologie 14:161-5, Apr 74 (Ger)
 DIAGNOSTIC ERRORS/ FEMALE/ HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ IN VITRO/ IODINE, metabolism/ IODINE, pharmacodynamics/ IODINE ISOTOPES, DIAGNOSTIC/ *IODINE RADIOISOTOPES, therapeutic use/ METHODS/ PROTEIN-BOUND IODINE TEST/ RADIOIMMUNOASSAY/ THYROID DISEASES, drug therapy/ *THYROID GLAND, metabolism/ *THYROID HORMONES, blood/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN/ *TRIIODOTHYRONINE, blood
1626. Grebennikov VA: Issledovanie kozhnykh prob s adrenalinom, serotoninom i atsetilkholinom u bol'nykh nefrodermitom.
 Vestn Dermatol Venerol 48:37-42, May 74 (Rus)
 ACETYLCHOLINE, diagnostic use/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EPINEPHRINE, diagnostic use/ HUMAN/ *NEURODERMATITIS, immunology/ SEROTONIN, diagnostic use/ *SKIN TESTS
1627. Green B: Proceedings: Cytoplasmic steroid hormone 'receptors' in reproductive organs.
 J Endocrinol 61:2-3, Apr 74
 ANDROGENS/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CHROMATIN/ CYTOPLASM, analysis/ ESTRADIOL/ FEMALE/ GENITALIA, analysis/ GUINEA PIGS/ HUMAN/ MALE/ PREGNANCY/ PROGESTERONE/ RATS/ *RECEPTORS, HORMONE
1628. Green DE: The electromechanochemical model for energy coupling in mitochondria.
 Biochim Biophys Acta 346:27-78, 30 Apr 74 (165 ref.)
 ADENOSINE TRIPHOSPHATE, metabolism/ BINDING SITES/ BIOLOGICAL TRANSPORT, ACTIVE/ CALCIUM, metabolism/ CYTOCHROME C, metabolism/ *ELECTRON TRANSPORT/ *ENERGY TRANSFER/ FLUORESCINS, pharmacodynamics/ HEMEPROTEINS, metabolism/ HYDROGEN-ION CONCENTRATION/ MEMBRANES, metabolism/ MITOCHONDRIA/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, metabolism/ MODELS, BIOLOGICAL/ MOLECULAR CONFORMATION/ MULTIENZYME COMPLEXES, metabolism/ NADH, NADPH OXIDOREDUCTASES, metabolism/ OXIDATIVE PHOSPHORYLATION/ POTASSIUM, metabolism/ PROTEIN BINDING/ RECEPTORS, DRUG/ REVIEW/ UNCOUPLING AGENTS, pharmacodynamics
1629. Green K, Podos SM: Antagonism of arachidonic acid-induced ocular effects by delta1-tetrahydrocannabinol.
 Invest Ophthalmol 13:422-9, Jun 74
 ADMINISTRATION, TOPICAL/ ANESTHESIA/ ANIMAL EXPERIMENTS/ AQUEOUS HUMOR, analysis/ ARACHIDONIC ACID, administration & dosage/ *ARACHIDONIC ACID, antagonists & inhibitors/ ARACHIDONIC ACID, pharmacodynamics/ *CANNABIS, pharmacodynamics/ *EYE, drug effects/ INJECTIONS, INTRAVENOUS/ INTRAOCULAR PRESSURE, drug effects/ PROSTAGLANDINS, administration & dosage/ PROSTAGLANDINS, pharmacodynamics/ PROTEINS, analysis/ RABBITS/ TETRAHYDROCANNABINOL, administration & dosage/ TETRAHYDROCANNABINOL, pharmacodynamics/ TIME FACTORS/ URETHANE
1630. Greenspan FS, Lew W, Okerlund MD, et al: Falsely positive bovine TSH radioimmunoassay responses in sera from patients with thyroid cancer.
 J Clin Endocrinol Metab 38:1121-2, Jun 74
 FALSE POSITIVE REACTIONS/ HUMAN/ IODINE RADIOISOTOPES/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ *THYROID NEOPLASMS, blood/ *THYROTROPIN, blood
1631. Greenspan G, Rees RW, Link GD, et al: 1-Beta-hydroxylation of D-norgestrel and norethisterone by Botryodiplodia malorum.
 Experientia 30:328-9, 15 Apr 74
 ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, THIN LAYER/ *FUNGI, metabolism/ HYDROXYLATION/ NORETHINDRONE, analysis/ NORETHINDRONE, metabolism/ NORGESTREL, analysis/ *NORGESTREL, metabolism/ SPECTRUM ANALYSIS, MASS/ TIME FACTORS
1632. Greenstreet RA, Fotherby K: Proceedings: Hormonal effects on enzymes and intermediates of carbohydrate metabolism in rat uterus.
 J Endocrinol 61:xlviv, Apr 74
 ADENOSINE MONOPHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ FRUCTOSEPHOSPHATES, analysis/ GLUCOSE, analysis/ GLYCOLYSIS, drug effects/ HEXOKINASE, analysis/ PHOSPHOFRUCTOKINASE, analysis/ PREGNANCY/ *PROGESTERONE, pharmacodynamics/ RATS/ UTERUS, drug effects/ *UTERUS, enzymology/ UTERUS, metabolism
1633. Greenwald GS: Modifications in ovarian and pituitary function in the hysterectomized pregnant hamster.
 J Endocrinol 61:45-51, Apr 74
 ANIMAL EXPERIMENTS/ CORPUS LUTEUM, physiology/ FEMALE/ FSH, analysis/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ HAMSTERS/ *HYSTERECTOMY/ LH, analysis/ ORGAN WEIGHT/ *OVARY, physiology/ OVULATION/ OVULATION, drug effects/ *PITUITARY GLAND, physiology/ *PREGNANCY, ANIMAL/ PROGESTERONE, blood/ PROLACTIN, pharmacodynamics/ PSEUDOPREGNANCY
1634. Greep RO: The gonadotrophins and their releasing factors. J Reprod Fertil [Suppl] 20:1-9, Dec 73 (25 ref.)
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADENYL CYCLASE, physiology/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ESTROGENS, blood/ ESTRUS/ FEEDBACK/ FEMALE/ FSH, metabolism/ *FSH, physiology/ HUMAN/ HYPOTHALAMUS, physiology/ LEYDIG CELLS, metabolism/ LH, metabolism/ *LH, physiology/ *LH-FSH RELEASING HORMONE, physiology/ MACACA/ MALE/ MENSTRUATION/ OVULATION/ PROGESTERONE, blood/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ REVIEW/ SHEEP/ TIME FACTORS
1635. Gregersen E, Pedersen FH: Abortfremkaldelse efter 12. graviditetsuge med prostaglandin F2alpha indgivet ekstra-amniot.
 Ugeskr Laeger 136:1292-5, 10 Jun 74 (Dan)
 *ABORTION, INDUCED/ AMNION/ CATHETERIZATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ OXYTOCIN, therapeutic

AUTHOR SECTION

- use/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, therapeutic use
1636. Greig WR, McDougall IR, Hainan KE: Treatment with unsealed radioisotopes.
Br Med Bull 29:63-8, Jan 73 (50 ref.)
ADULT/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ANTIBODIES/ CHILD/ FEMALE/ GONADS, radiation effects/ HALF-LIFE/ HUMAN/ HYPOTHYROIDISM, chemically induced/ IODINE RADIOISOTOPES, adverse effects/ IODINE RADIOISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ *RADIOISOTOPES, therapeutic use/ RADIOTHERAPY DOSAGE/ REVIEW/ *THYROID DISEASES, radiotherapy/ THYROID NEOPLASMS, radiotherapy/ THYROIDECTOMY
1637. Greiss KC, Moses AM, Krieger DT: Pituitary adenoma associated with inappropriate antidiuretic hormone secretion. Acta Endocrinol (Kbh) 76:59-66, May 74
*ADENOMA, CHROMOPHOBE, metabolism/ ALCOHOL, ETHYL, therapeutic use/ CORTISONE, therapeutic use/ DRINKING/ HUMAN/ 11-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYPONATREMIA, metabolism/ HYPOPITUITARISM, metabolism/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ OSMOLAR CONCENTRATION/ *PITUITARY NEOPLASMS, metabolism/ SOMATOTROPIN, blood/ URINATION/ *VASOPRESSIN, secretion/ VASOPRESSIN, urine
1638. Greven HM, Wied D de: The influence of peptides derived from corticotrophin (ACTH) on performance. Structure activity studies.
Prog Brain Res 39:429-42, 1973
ANIMAL EXPERIMENTS/ AVOIDANCE LEARNING, drug effects/ *BEHAVIOR, ANIMAL, drug effects/ CONDITIONING (PSYCHOLOGY), drug effects/ *CORTICOTROPIN, pharmacodynamics/ MALE/ MOTOR SKILLS, drug effects/ *PEPTIDES, pharmacodynamics/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP
1639. Grevsten S, Grimelius L, Thorén L: Familial hyperparathyroidism. Ups J Med Sci 79:109-15, 1974
ADENOMA, familial & genetic/ ADENOMATOSIS, FAMILIAL ENDOCRINE, familial & genetic/ AUTOPSY/ FEMALE/ HUMAN/ HYPERCALCEMIA, familial & genetic/ *HYPERPARATHYROIDISM, familial & genetic/ HYPERPARATHYROIDISM, pathology/ HYPERPLASIA, familial & genetic/ MALE/ PARATHYROID GLANDS, pathology/ PEDIGREE/ STAINS AND STAINING/ THYROID NEOPLASMS, familial & genetic/ THYROIDECTOMY
1640. Gri E, Puigdollers JM, Tresánchez JM: Coma mixedematoso.
Rev Iber Endocrinol 21:159-69, Mar-Apr 74 (Spa)
AGED/ BUTYROPHENONES, therapeutic use/ *COMA, etiology/ DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSE, therapeutic use/ HUMAN/ *HYPOTHYROIDISM, complications/ HYPOTHYROIDISM, drug therapy/ MELENA, drug therapy/ MELENA, etiology/ *MYXEDEMA, etiology/ NOREPINEPHRINE, therapeutic use/ PREDNISOLONE, therapeutic use/ TETRACYCLINE, therapeutic use/ THYRONINE, therapeutic use/ TRIIODOTHYRONINE, therapeutic use
1641. Gribnau FW: Letter: Selecting the sex of one's children. Lancet 1:1228-9, 15 Jun 74
ABORTION, INDUCED/ ATTITUDE OF HEALTH PERSONNEL/ ETHICS, MEDICAL/ FAMILY PLANNING/ FEMALE/ HUMAN/ MALE/ MORALS/ *PRENATAL DIAGNOSIS/ *SEX DETERMINATION/ SEX RATIO
1642. Griefahn B: Schallreizverarbeitung im Verlauf des Menstruationszyklus.
Eur J Appl Physiol 32:171-82, 5 Feb 74 (Ger)
- ACOUSTIC STIMULATION/ *AUTONOMIC NERVOUS SYSTEM, physiology/ ENGLISH ABSTRACT/ ESTROGENS, urine/ FEMALE/ HUMAN/ *MENSTRUATION/ NOISE/ OVULATION/ PROGESTERONE, urine/ PULSE/ RESPIRATION
1643. Griffey MA, Conaway HH, Whitney JE: Extracellular calcium and acetylcholine-stimulated insulin secretion. Diabetes 23:494-8, Jun 74
ACETYLCHOLINE, antagonists & inhibitors/ *ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CALCIUM, physiology/ *EXTRACELLULAR SPACE, metabolism/ FEMALE/ IN VITRO/ *INSULIN, secretion/ MAGNESIUM, pharmacodynamics/ MALE/ PANCREAS, drug effects/ PERFUSION/ STIMULATION, CHEMICAL/ TEMPERATURE/ TETRACAINE, pharmacodynamics/ TIME FACTORS
1644. Griffin BW, Smith SM, Peterson JA: Pseudomonas putida cytochrome P-450. Binding of a spin-labeled analog of the inhibitor metyrapone.
Arch Biochem Biophys 160:323-32, Jan 74
BINDING SITES/ *CYTOCHROME P-450/ ELECTRON SPIN RESONANCE/ KINETICS/ MATHEMATICS/ *METYRAPONE/ NICOTINIC ACID/ PIPERIDINES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *PSEUDOMONAS, enzymology/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *SPIN LABELS/ STRUCTURE-ACTIVITY RELATIONSHIP
1645. Griffith MI, Felts JH, James FM, et al: Successful control of pheochromocytoma in pregnancy.
JAMA 229:437-9, 22 Jul 74
ADMINISTRATION, ORAL/ *ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, drug therapy/ ADRENAL GLAND NEOPLASMS, surgery/ CESAREAN SECTION/ FEMALE/ HUMAN/ MATERNAL-FETAL EXCHANGE/ PARITY/ PHENOXYBENZAMINE, administration & dosage/ PHENOXYBENZAMINE, therapeutic use/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, drug therapy/ PHEOCHROMOCYTOMA, surgery/ *PREGNANCY COMPLICATIONS/ PREOPERATIVE CARE/ TIME FACTORS
1646. Grindle M: The efficacy of various mutagens and polyene antibiotics for the induction and isolation of sterol mutants of Neurospora crassa.
Mol Gen Genet 130:81-90, 9 Apr 74
ACRIDINES, pharmacodynamics/ AMPHOTERICIN B, pharmacodynamics/ *ANTIBIOTICS, pharmacodynamics/ CHROMOSOME MAPPING/ COMPARATIVE STUDY/ CULTURE MEDIA/ DRUG INTERACTIONS/ *ERGOSTEROL, biosynthesis/ GENES/ METHANESULFONATES, pharmacodynamics/ MUSTARD COMPOUNDS, pharmacodynamics/ *MUTAGENS, pharmacodynamics/ *MUTATION/ *NEUROSPORA, drug effects/ NEUROSPORA CRASSA, drug effects/ NEUROSPORA CRASSA, metabolism/ NYSTATIN, pharmacodynamics/ SPECTROPHOTOMETRY, ULTRAVIOLET/ THIOSULFATES, pharmacodynamics
1647. Grinlo LP: The significance of changes in the blood serum electrolytes in the detection of heterozygous carriers of Duchenne myopathy.
Sov Genet 7:1596-9, 1 Mar 74
ADULT/ AGE FACTORS/ CHILD/ CREATINE KINASE, blood/ FEMALE/ *HETEROZYGOTE/ HUMAN/ MALE/ MUSCULAR DYSTROPHY, blood/ MUSCULAR DYSTROPHY, enzymology/ *MUSCULAR DYSTROPHY, familial & genetic/ *POTASSIUM, blood/ SEX CHROMOSOMES/ *SODIUM, blood/ SYNDROME
1648. Gripenberg J, Härkönen M, Jansson SE: Stimulation of adenosine 3,5-monophosphate formation in mast cells by 5-hydroxytryptamine and guanethidine.

AUTHOR SECTION

- Acta Physiol Scand 90:648-50, Mar 74
 *ADENOSINE CYCLIC 3',5'
 MONOPHOSPHATE, biosynthesis/ ADENYL
 CYCLASE, metabolism/ ANIMAL
 EXPERIMENTS/ FEMALE/ *GUANETHIDINE,
 pharmacodynamics/ HISTAMINE,
 pharmacodynamics/ IN VITRO/ MALE/ *MAST
 CELLS, drug effects/ MAST CELLS,
 enzymology/ MAST CELLS, metabolism/
 PHOSPHODIESTERASES, metabolism/
 RADIOIMMUNOASSAY/ RATS/ *SEROTONIN,
 pharmacodynamics/ STIMULATION,
 CHEMICAL/ TIME FACTORS
1649. Grishchenko KM, Karmilova VO: Universal'nyi
 kal'tsinoz u dytyny p'laty rokov.
 Pediatr Akush Ginek 3:30, 1973 (Ukr)
 *CALCINOSIS, pathology/ CASE REPORT/
 CHILD, PRESCHOOL/ HUMAN/ MALE/
 VITAMIN D, adverse effects
1650. Grishchenko VI, Shikhafova VP: Aktyvnist' reninu v
 syrovatki krovi zhivotnykh pry normal'nomu perebihu
 vahitnosti i piznykh toksykozach.
 Pediatr Akush Ginek 3:33-6, 1973 (Ukr)
 ADULT/ FEMALE/ HUMAN/ LABOR/ LABOR
 COMPLICATIONS, blood/ *PREGNANCY/
 *PREGNANCY TOXEMIAS, blood/ *RENIN,
 blood/ TIME FACTORS
1651. Grodzinska L, Schrör K, Wartner U, et al: Prostaglandin
 synthetase activity in the renal medulla of normal and
 hypertensive rats.
 Pol J Pharmacol Pharm 26:229-35, Jan-Apr 74
 ANIMAL EXPERIMENTS/ AORTIC
 COARCTATION/ ARACHIDONIC ACID,
 metabolism/ BLOOD PRESSURE/ FEMALE/
 HEART VENTRICLE/ *HYDROXYLASES,
 isolation & purification/ *HYPERTENSION,
 enzymology/ INDOMETHACIN,
 pharmacodynamics/ *KIDNEY, enzymology/
 KIDNEY MEDULLA, enzymology/
 NEPHRECTOMY/ PROSTAGLANDINS/
 STOMACH, drug effects
1652. Groenendijk-Huijbers MM: Influence of gonadal
 hormone administration and gonadal implantation on
 the compensatory growth of the embryonic chicken
 right ovary after early unilateral castration.
 Verh Anat Ges 87:193-6, 1972
 ANIMAL EXPERIMENTS/ *CASTRATION/
 *CHICK EMBRYO/ *ESTROGENS,
 pharmacodynamics/ FEMALE/ *OVARY,
 embryology/ OVARY, transplantation/
 *TESTOSTERONE, pharmacodynamics/
 TRANSPLANTATION, HOMOLOGOUS
1653. Grollmus J, Wilson CB: Pituitary transplantation in
 dogs. Surg Forum 23:445-6, 1972
 ANIMAL EXPERIMENTS/
 HYPOPHYSECTOMY/ *PITUITARY GLAND,
 transplantation/ TRANSPLANTATION,
 AUTOLOGOUS
1654. Grondalen T, Vangen O: Osteochondrosis and arthrosis
 in pigs. V. A comparison of the incidence in three
 different lines of the Norwegian Landrace breed.
 Acta Vet Scand 15:61-79, 1974
 ANIMAL EXPERIMENTS/ BONE AND BONES,
 pathology/ COMPARATIVE STUDY/ FEMALE/
 LUMBAR VERTEBRAE, pathology/ MALE/
 NORWAY/ OSTEOARTHRITIS, familial &
 genetic/ OSTEOARTHRITIS, occurrence/
 OSTEOARTHRITIS, pathology/
 *OSTEOARTHRITIS, veterinary/
 OSTEOCHONDRITIS, familial & genetic/
 OSTEOCHONDRITIS, occurrence/
 OSTEOCHONDRITIS, pathology/
 *OSTEOCHONDRITIS, veterinary/ SPECIES
 SPECIFICITY/ SWINE/ SWINE DISEASES,
 familial & genetic/ *SWINE DISEASES,
 occurrence/ SWINE DISEASES, pathology
1655. Groote J de: L'insuffisance hépatique aiguë.
 Nouv Presse Med 3:645-7, 16 Mar 74 (Fre)
 ACUTE DISEASE/ ADRENAL CORTEX
 HORMONES, therapeutic use/ AMMONIA,
 blood/ BIOPSY, NEEDLE/ BLOOD
 COAGULATION DISORDERS/ BLOOD
 TRANSFUSION/ CLINICAL RESEARCH/
 ELECTROENCEPHALOGRAPHY/ ENZYMES,
 therapeutic use/ FEMALE/ HEMODIALYSIS/
 HEPATIC COMA, diagnosis/ HEPATIC COMA,
 drug therapy/ *HEPATIC COMA, etiology/
 HEPATIC COMA, mortality/ HEPATITIS,
 complications/ HUMAN/ IMMUNOLOGIC
 DISEASES, complications/ LAPAROSCOPY/
 LIVER, enzymology/ LIVER, physopathology/
 LIVER CIRRHOSIS, complications/ *LIVER
 DISEASES, physopathology/ MALE/ MENTAL
 DISORDERS, complications/ NECROSIS,
 complications/ OXYGEN INHALATION
 THERAPY/ POISONING, complications/
 PROGNOSIS/ REMISSION
1656. Gross EL, Hess SC: Correlation between calcium ion
 binding to chloroplast membranes and divalent
 cation-induced structural changes and changes in
 chlorophyll a fluorescence.
 Biochim Biophys Acta 339:334-46, 29 Mar 74
 AMMONIUM COMPOUNDS, metabolism/
 BINDING SITES/ *CALCIUM, metabolism/
 CALCIUM, pharmacodynamics/ CALCIUM
 RADIOISOTOPES/ CARBON RADIOISOTOPES/
 CELL MEMBRANE, drug effects/ CELL
 MEMBRANE, metabolism/ *CHLOROPHYLL,
 metabolism/ CHLOROPLASTS, cytology/
 CHLOROPLASTS, drug effects/
 *CHLOROPLASTS, metabolism/
 HYDROGEN-ION CONCENTRATION/
 KINETICS/ MAGNESIUM, metabolism/
 MANGANESE, metabolism/ MATHEMATICS/
 PERMEABILITY/ POTASSIUM, metabolism/
 *RECEPTORS, DRUG/ SORBITOL, metabolism/
 SPECTROPHOTOMETRY/ TIME FACTORS/
 TRITIUM/ WATER
1657. Grossman JA, McDermott WV Jr: Paroxysmal
 nocturnal hemoglobinuria associated with hepatic and
 portal venous thrombosis. Am J Surg 127:733-6, Jun 74
 ADULT/ AGE FACTORS/ ANEMIA,
 HEMOLYTIC, AUTOIMMUNE, diagnosis/
 ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug
 therapy/ DIAGNOSTIC ERRORS/
 ERYTHROCYTES, ABNORMAL/ ESOPHAGEAL
 VARICES, complications/ ESOPHAGEAL
 VARICES, surgery/ FEMALE/ HEMATEMESIS,
 etiology/ *HEMOGLOBINURIA, PAROXYSMAL,
 complications/ HEMOGLOBINURIA,
 PAROXYSMAL, diagnosis/ *HEPATIC VEIN
 THROMBOSIS, etiology/ HUMAN/ MIDDLE
 AGE/ *PORTAL VEIN/ PREDNISONE,
 therapeutic use/ SEX FACTORS/
 *THROMBOPHLEBITIS, etiology/
 THROMBOPHLEBITIS, surgery/ TIME
 FACTORS
1658. Grotta LJ, Brown GM: Antibodies to indolealkylamines:
 serotonin and melatonin.
 Can J Biochem 52:196-202, Mar 74
 *ANTIBODIES/ BINDING SITES/ CATTLE/
 CROSS REACTIONS/ FORMALDEHYDE/ GEL
 DIFFUSION TESTS/ HAPTENS/ IODINE
 RADIOISOTOPES/ KINETICS/ *MELATONIN/
 PROTEIN BINDING/ RABBITS, immunology/
 *SEROTONIN/ SERUM ALBUMIN, BOVINE/
 SPECTROPHOTOMETRY, ULTRAVIOLET/
 STRUCTURE-ACTIVITY RELATIONSHIP/
 TIME FACTORS
1659. Grotjan HE Jr, Day BN, Mayer DT: Porcine
 spermatozoan respiration in the presence of porcine
 follicular fluid. J Anim Sci 38:1235-8, Jun 74
 ANIMAL EXPERIMENTS/ BUFFERS/
 CULTURE MEDIA/ FEMALE/ GLUCOSE,
 metabolism/ *GRAAFIAN FOLLICLE,
 secretion/ HEAT/ HYDROGEN-ION
 CONCENTRATION/ IN VITRO/ MALE/
 *OXYGEN CONSUMPTION/ PRESERVATION,
 BIOLOGICAL/ SEMEN, cytology/
 *SPERMATOOZOA, metabolism/ *SWINE,
 physiology
1660. Grubb MN, Burks TF: Modification of intestinal
 stimulatory effects of 5-hydroxytryptamine by
 adrenergic amines, prostaglandin E1 and
 theophylline.
 J Pharmacol Exp Ther 189:476-83, May 74
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
 metabolism/ ANIMAL EXPERIMENTS/

AUTHOR SECTION

- BETHANECHOL COMPOUNDS, pharmacodynamics/ *BIOGENIC AMINES, pharmacodynamics/ COMPARATIVE STUDY/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ *GASTROINTESTINAL MOTILITY, drug effects/ INTESTINE, SMALL, drug effects/ ISOPROTERENOL, administration & dosage/ ISOPROTERENOL, pharmacodynamics/ MALE/ METHOXAMINE, administration & dosage/ METHOXAMINE, pharmacodynamics/ MUSCLE, SMOOTH, drug effects/ NOREPINEPHRINE, administration & dosage/ NOREPINEPHRINE, pharmacodynamics/ PIPERAZINES, pharmacodynamics/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ RECEPTORS, ADRENERGIC/ *SEROTONIN, pharmacodynamics/ THEOPHYLLINE, administration & dosage/ *THEOPHYLLINE, pharmacodynamics
1661. Grubbauer HM, Stögmann W, Messner H: Calcium-Phosphor-Stoffwechseluntersuchungen an einem Fall von McCune-Albright-Syndrom mit Phosphatdiabetes. Z Kinderheilkd 117:47-61, 8 Apr 74 (Ger)
ALKALINE PHOSPHATASE, blood/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ FIBROUS DYSPLASIA OF BONE, complications/ FIBROUS DYSPLASIA OF BONE, enzymology/ *FIBROUS DYSPLASIA OF BONE, metabolism/ HUMAN/ PHOSPHORUS, blood/ *PHOSPHORUS, metabolism/ PHOSPHORUS, urine/ PHOTOMETRY/ RICKETS, VITAMIN D RESISTANT, complications/ RICKETS, VITAMIN D RESISTANT, drug therapy/ RICKETS, VITAMIN D RESISTANT, enzymology/ *RICKETS, VITAMIN D RESISTANT, metabolism/ VITAMIN D, administration & dosage
1662. Grube D, Dabrunz R, Mugdan A, et al: Untersuchungen der endokrinen des Magendarmtraktes nach tryptophanfreier Aminosäure-Diät. Verh Anat Ges 67:523-32, 1972 (Ger)
*AMINO ACIDS/ ANIMAL EXPERIMENTS/ *CHROMAFFIN SYSTEM, cytology/ *DIET/ DIETARY PROTEINS/ ENGLISH ABSTRACT/ *GASTROINTESTINAL SYSTEM, cytology/ RATS/ *TRYPTOPHAN
1663. Grudzień M, Darwaj B, Markiewicz M: Badania bioelektrycznej czynności mózgu (eeg) oraz badania hormonalne i biochemiczne u dziewcząt z krwawieniami czynnościowymi okresu dojrzewania. Ann Univ Mariae Curie Skłodowska [Med] 28:235-48, 1973 (Pol)
ADOLESCENCE/ ADULT/ BRAIN, physiology/ *BRAIN, physiopathology/ CHILD/ *ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MENARCHE/ *PUBERTY
1664. Grumbrecht C, Beisswenger RJ, Mühlenfels W von: Präexistente Erkrankungen und ihre Auswirkung auf gynäkologische Operationen. Zentralbl Gynaekol 96:481-9, 19 Apr 74 (Ger)
AGE FACTORS/ ANEMIA, complications/ DIABETES MELLITUS, complications/ ENDOCRINE DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ GASTROINTESTINAL DISEASES, complications/ GYNECOLOGIC DISEASES, complications/ GYNECOLOGIC DISEASES, surgery/ GYNECOLOGIC NEOPLASMS, complications/ GYNECOLOGIC NEOPLASMS, surgery/ HEART DISEASES, complications/ HUMAN/ HYPERTENSION, complications/ *HYSTERECTOMY/ KIDNEY DISEASES, complications/ LIVER DISEASES, complications/ OBESITY, complications/ POSTOPERATIVE COMPLICATIONS/ RESPIRATORY TRACT DISEASES, complications/ VARICOSE VEINS, complications
1665. Grundner HG, Hein J, Klümpel B: Doppelseitige parasternale Zwerchfellhernie mit Schilddrüsenaplasie bei einem Säugling. Fortschr Geb Roentgenstr Nuklearmed 120:362-4, Mar 74 (Ger)
ABNORMALITIES, MULTIPLE/ CASE REPORT/ *DIAPHRAGMATIC HERNIA, complications/ DIAPHRAGMATIC HERNIA, radiography/ FEMALE/ HUMAN/ INFANT/ STERNUM/ *THYROID GLAND, abnormalities
1666. Gschwandtner WR: Das "kleinpapulöse Seborrhoid" und seine Beziehung zur sogenannten perioralen Dermatitis. Wien Klin Wochenschr 86:330-3, 14 Jun 74 (Ger)
ACNE, complications/ ACNE, diagnosis/ ACNE, drug therapy/ AGE FACTORS/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *FACIAL DERMATOSES, diagnosis/ FEMALE/ GLUCOCORTICIDS, TOPICAL, therapeutic use/ HUMAN/ LIGHT, adverse effects/ *MOUTH/ PHOTSENSITIZATION, complications/ RECURRENCE/ ROSACEA, diagnosis/ ROSACEA, drug therapy/ ROSACEA, etiology/ SEBORRHEA, complications/ *SEBORRHEA, diagnosis/ SEBORRHEA, drug therapy/ SEX FACTORS
1667. Gubarev EA: Nekotorye mekhanizmy vliyanija prednizolona na sosudistuyu pronitsaemost' v uslovnykh ishemicheskogo nekroz miokarda. Farmakol Toksikol 26:426-9, Jul-Aug 73 (Rus)
ACUTE DISEASE/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ *CAPILLARY PERMEABILITY, drug effects/ DEPRESSION, CHEMICAL/ DOGS/ ENGLISH ABSTRACT/ HYALURONIDASE, antagonists & inhibitors/ LIVER, metabolism/ LUNG, metabolism/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, metabolism/ MYOCARDIUM, metabolism/ *PREDNISOLONE, therapeutic use/ RABBITS/ TIME FACTORS
1668. Gubetta L, Cottino F, Costa A: Notes on the anatomical and functional pictures of acute hot thyroid nodes and the relationships between this form and endemic goitre. J Nucl Biol Med 18:13-9, Jan-Mar 74
DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *GOITER, ENDEMIC, diagnosis/ GOITER, ENDEMIC, pathology/ *GOITER, NODULAR, diagnosis/ GOITER, NODULAR, pathology/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ ITALY/ MALE/ SEASONS/ THYROID GLAND, pathology
1669. Guériguan JL, Sawyer ME, Pearlman WH: A comparative study of progesterone- and cortisol-binding activity in the uterus and serum of pregnant and non-pregnant women. J Endocrinol 61:331-45, Jun 74
BLOOD PROTEINS/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ GEL FILTRATION/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, metabolism/ IRON, analysis/ IRON, blood/ *PREGNANCY/ PROGESTERONE, blood/ *PROGESTERONE, metabolism/ PROTEIN BINDING/ SERUM ALBUMIN, analysis/ TRANSFERRIN, analysis/ TRITIUM/ UTERUS, analysis/ *UTERUS, metabolism
1670. Guérin J, Alais C, Jollès J, et al: Kappa-casein from bovine colostrum. Biochim Biophys Acta 351:325-32, 7 Jun 74
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBOHYDRATES, analysis/ CARBOXYPEPTIDASES/ *CASEIN/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ *COLOSTRUM/ DANSYL COMPOUNDS/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ GALACTOSAMINE, analysis/ GEL FILTRATION/ GLUCOSAMINE, analysis/ HEXOSAMINES, analysis/ KINETICS/ LABOR/ LACTATION/ NEURAMINIC ACIDS, analysis/ PEPTIDE PEPTIDOHYDROLASES/ PHOSPHORUS, analysis/ TIME FACTORS

AUTHOR SECTION

1671. Gugler R, Eichelbaum M, Schneider-Deters C, et al: Einfluss der Schilddrüsenfunktion auf den Arzneimittelstoffwechsel beim Menschen. *Verh Dtsch Ges Inn Med* 79:1230-3, 1973 (Ger)
ANTIPYRINE, blood/ ANTIPYRINE, metabolism/ *DRUGS, metabolism/ HUMAN/ HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, metabolism/ *THYROID GLAND, physiology
1672. Gullbault GG, Froehlich FM: New assay for tryptophan and its 5-hydroxyindole metabolites in blood. *Clin Chem* 20:812-5, Jul 74
CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ EVALUATION STUDIES/ HUMAN/ *HYDROXYINDOLEACETIC ACID, blood/ *HYDROXYTRYPTOPHAN, blood/ METHODS/ MICROCHEMISTRY/ *SEROTONIN, blood/ SPECTROMETRY, FLUORESCENCE/ TIME FACTORS/ *TRYPTOPHAN, blood/ TRYPTOPHAN, metabolism
1673. Gula NM, Germaniuk IaL, Mit'kova IeM: Izofermentnyy spektr hliukoza-6-fosfatdehidrogenazy subklytynnykh fraktsiy orhaniv krolliv za endohennoho ta ekzohennoho hiperkortitsizmu. *Ukr Biokhim Zh* 46:227-31, Mar-Apr 74 (Ukr)
ADRENAL GLAND HYPERFUNCTION, chemically induced/ *ADRENAL GLAND HYPERFUNCTION, enzymology/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CORTICOTROPIN/ *CYTOPLASM, enzymology/ ENGLISH ABSTRACT/ *GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HYDROCORTISONE/ ISOENZYMES, metabolism/ MALE/ *MITOCHONDRIA, enzymology/ MITOCHONDRIA, LIVER, enzymology/ MITOCHONDRIA, MUSCLE, enzymology/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ RABBITS/ SPLEEN, enzymology
1674. Güldner FH, Wolff JR: Dendro-dendritic synapses in the suprachiasmatic nucleus of the rat hypothalamus. *J Neurocytol* 3:245-50, Jun 74
ANIMAL EXPERIMENTS/ AXONS/ *DENDRITES/ *HYPOTHALAMUS, cytology/ MICROSCOPY, ELECTRON/ *SYNAPSES
1675. Gullia DI, Chebotar' GI: Gliukokortikoidnaya funktsiya dory nadpochechnikov u bol'nykh tuberkulezomlegkikh v svyazi s narkozom i operatsief. *Probl Tuberk* 52:26-30, Mar 74 (Rus)
*ADRENAL GLANDS, physiopathology/ ANESTHESIA, INHALATION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ HUMAN/ *11-HYDROXYCORTICOSTEROIDS, blood/ PREANESTHETIC MEDICATION/ PREDNISOLONE, administration & dosage/ TUBERCULOSIS, PULMONARY, blood/ TUBERCULOSIS, PULMONARY, drug therapy/ *TUBERCULOSIS, PULMONARY, physiopathology/ TUBERCULOSIS, PULMONARY, surgery
1676. Gul'tants ES, Ierusalimskiy IG, Barteneva LM, et al: Vliyanie pirogenalovoy likhoradki na reaktivnuyu gipotalamicheskuyu nefrosekretornuyu sistemu. *Patol Fiziol Eksp Ter* 10:58-60, May 74 (Rus)
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ ENGLISH ABSTRACT/ *FEVER, physiopathology/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ MALE/ NEURONS, cytology/ *PYROGENS, pharmacodynamics/ THALAMIC NUCLEI, physiopathology
1677. Gunn A, Fraser HM, Jeffcoate SL, et al: Letter: C.S.F. and release of pituitary hormones. *Lancet* 1:1057, 25 May 74
ADULT/ *CEREBROSPINAL FLUID, analysis/ FEMALE/ HUMAN/ *LH-FSH RELEASING HORMONE, analysis/ MALE/ RADIOIMMUNOASSAY/ *SOMATOTROPIN RELEASING HORMONE, secretion
1678. Gunn A, Jeffcoate SL, Holland DT: Proceedings: Preparation of antisera to luteinizing hormone releasing hormone. *J Endocrinol* 61:1xx, Apr 74
ANIMAL EXPERIMENTS/ BIPHENYL COMPOUNDS/ CARBODIIMIDES/ CATTLE/ FREUND'S ADJUVANT/ *IMMUNE SERUMS/ *LH-FSH RELEASING HORMONE/ PERTUSSIS VACCINE/ RABBITS/ RADIOIMMUNOASSAY/ RATS/ SERUM ALBUMIN, BOVINE
1679. Günther J: Eileiterschwangerschaft unter kontinuierlicher Einnahme von 0,35 mg Norethisteron. *Geburtshilfe Frauenheilkd* 34:208-9, Mar 74 (Ger)
*CONTRACEPTIVES, ORAL, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *NORETHINDRONE, administration & dosage/ *NORETHINDRONE, adverse effects/ *PREGNANCY, TUBAL
1680. Günther J, Oddoy A, Pfeiffer C: Veränderungen der Restitution der Kontraktion durch Kalzium und Doppelreizung am Rattenmyokard. *Acta Biol Med Ger* 31:759-62, 1973 (Ger)
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ HEART, physiology/ HEART RATE/ *MYOCARDIUM, metabolism/ RATS
1681. Gupta SF, Pratap VB, Kaul RL: Proptosis—a manifestation of malignant lymphoma. *Indian J Ophthalmol* 20:189-90, Dec 72
CASE REPORT/ *EXOPHTHALMOS, etiology/ *EYELID NEOPLASMS, complications/ HUMAN/ *LYMPHOSARCOMA, complications/ MALE/ *ORBITAL NEOPLASMS, complications
1682. Guraya SS: Morphology, histochemistry, and biochemistry of human oogenesis and ovulation. *Int Rev Cytol* 37:121-51, 1974
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CHROMOSOMES/ CYTOPLASM, analysis/ CYTOPLASMIC GRANULES/ DNA, analysis/ FEMALE/ GOLGI APPARATUS/ GRAAFIAN FOLLICLE, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ LIPIDS, analysis/ MITOCHONDRIA/ *OVULATION/ OVUM, analysis/ OVUM, cytology/ *OVUM, growth & development/ REVIEW/ RNA, analysis/ VITELLINE MEMBRANE, analysis
1683. Guraya SS: Histochemical observations on the seminiferous epithelium of the snake testis. *Acta Anat (Basel)* 87:345-51, 1974
ANIMAL EXPERIMENTS/ *CELLULAR INCLUSIONS/ GOLGI APPARATUS/ HISTOCYTOCHEMISTRY/ *LIPIDS, analysis/ MALE/ MITOCHONDRIA/ PHAGOCYTOSIS/ PHOSPHOLIPIDS, analysis/ RNA, analysis/ SERTOLI CELLS, cytology/ *SNAKES/ SPERMATOGENESIS/ SPERMATOZOA/ *TESTIS, analysis/ TESTIS, cytology/ TRIGLYCERIDES, analysis
1684. Gusel WA: Influence of anticholinergic drugs on after-discharges and activity of epileptogenic foci in rabbit hippocampus. *Pharmacol Biochem Behav* 2:1-7, Jan-Feb 74
AMYGDALOID BODY, drug effects/ ANIMAL EXPERIMENTS/ *BENZILATES, pharmacodynamics/ BENZOATES, administration & dosage/ *BENZOATES, pharmacodynamics/ CONVULSIONS, chemically induced/ *CONVULSIONS, physiopathology/ DIETHYLAMINES, administration & dosage/ DIETHYLAMINES, pharmacodynamics/ ELECTROENCEPHALOGRAPHY/ *EVOKED POTENTIALS, drug effects/ FEMALE/ *HIPPOCAMPUS, drug effects/ HIPPOCAMPUS, physiopathology/ INJECTIONS/ INJECTIONS, INTRAVENOUS/ MALE/ MESENCEPHALON, drug effects/ PARASYMPATHOLYTICS, administration & dosage/ *PARASYMPATHOLYTICS, pharmacodynamics/ PENICILLIN, pharmacodynamics/ RABBITS/ RETICULAR FORMATION, drug effects/ STEREOTAXIC TECHNIQUES/ TIME FACTORS

AUTHOR SECTION

1685. Gushtan VI: Protsezy okysnennia u m'lazi matky za vvedennia estrogeniv.
Ukr Biokhim Zh 46:289-91, May-Jun 74 (Ukr)
CITRATES, metabolism/ ENERGY
METABOLISM, drug effects/ ENGLISH
ABSTRACT/ *ESTROGENS, pharmacodynamics/
ESTRONE, pharmacodynamics/ FEMALE/
HUMAN/ INJECTIONS, INTRAMUSCULAR/
LABOR/ MANOMETRY/ *OXYGEN
CONSUMPTION, drug effects/ SUCCINATES,
metabolism/ UTERUS, drug effects/ *UTERUS,
metabolism
1686. Gustavson KH, Bergström K, Jorulf H: Different types of chondrodystrophy in a consecutive series of newborns.
Acta Univ Carol [Med Monogr] (Praha) 56:103-4, 1973
ACHONDROPLASIA, familial & genetic/ BONE
AND BONES, radiography/
*CHONDRODYSPLASIA CALCIFICANS
CONGENITA, diagnosis/
CHONDRODYSPLASIA CALCIFICANS
CONGENITA, familial & genetic/ DIAGNOSIS,
DIFFERENTIAL/ FEMALE/ GENES,
DOMINANT/ GENES, RECESSIVE/ GENETIC
COUNSELING/ HUMAN/ INFANT, NEWBORN/
*INFANT, NEWBORN, DISEASES/ MALE/
PRENATAL DIAGNOSIS
1687. Gutman AB, Yü TF: Hyperglutamatemia in primary gout. Adv Exp Med Biol 41:395-9, 1974
ADMINISTRATION, ORAL/ ALANINE, blood/
COMPARATIVE STUDY/ ERYTHROCYTES,
metabolism/ GLUTAMATES, administration &
dosage/ *GLUTAMATES, blood/
GLUTAMATES, pharmacodynamics/
GLUTAMINE, blood/ GLYCINE, blood/
GOUT, blood/ GOUT, familial & genetic/
HUMAN/ MALE/ PUBERTY/ SERINE, blood/
THREONINE, blood/ TIME FACTORS/ URIC
ACID, blood
1688. Gutmann F, Smith LC, Slikin MA: Charge transfer interactions of chlorpromazine with neural transmitters.
Adv Biochem Psychopharmacol 9:15-31, 1974
ACETYLCHOLINE/ ADSORPTION/
ANTHRACENES/ CHEMISTRY/
*CHLORPROMAZINE/ DIMETHYL
SULFOXIDE/ DRUG INTERACTIONS/
ELECTRIC CONDUCTIVITY/
ELECTROCHEMISTRY/ ELECTRON
TRANSPORT/ FREE RADICALS/
HYDROXYDOPAMINE/ MODELS, CHEMICAL/
*NEURAL TRANSMISSION/ *NEUROHUMORS/
NITRILES/ NOREPINEPHRINE/
PHENOTHAZINES/ SEROTONIN/ SOLVENTS/
SPECTROPHOTOMETRY
1689. Guzek JW, Leśnik H, Przanyska M: Incorporation of 35S-cystine into hypophysis, hypothalamus, midbrain and cerebral cortex in hydrated and dehydrated rats.
Acta Physiol Pol 25:191, Mar-Apr 74
ANIMAL EXPERIMENTS/ *CEREBRAL
CORTEX, metabolism/ *CYSTINE, metabolism/
DEHYDRATION, metabolism/ FRONTAL
LOBE, metabolism/ *HYPOTHALAMUS,
metabolism/ MALE/ *MESENCEPHALON,
metabolism/ *PITUITARY GLAND,
metabolism/ RATS/ SULFUR RADIOISOTOPES
1690. Guzek JW, Orlowska-Majdak M, Wdźięczak J: The vasopressin and oxytocin content in the hypothalamus and neurohypophysis during long-time dehydration in rats. Acta Physiol Pol 25:187-9, Mar-Apr 74
ANIMAL EXPERIMENTS/ *DEHYDRATION,
metabolism/ *HYPOTHALAMUS, analysis/
MALE/ *OXYTOCIN, analysis/ *PITUITARY
GLAND, POSTERIOR, analysis/ RATS/ TIME
FACTORS/ *VASOPRESSIN, analysis
1691. Guzek JW, Russell JT, Thorn NA: Inhibition by diphenylhydantoin of vasopressin release from isolated rat neurohypophyses.
Acta Pharmacol Toxicol (Kbh) 34:1-4, Jan 74
ANIMAL EXPERIMENTS/ DEPRESSION,
CHEMICAL/ *DIPHENYLHYDANTOIN,
pharmacodynamics/ ELECTRIC STIMULATION/
IN VITRO/ MALE/ ORGAN CULTURE/
*PITUITARY GLAND, POSTERIOR, drug
effects/ RATS/ TIME FACTORS/
*VASOPRESSIN, metabolism
1692. Gwardauskas FC, Abrams RM, Thatcher WW, et al: Thermal changes of the bovine uterus following administration of estradiol-17beta.
J Anim Sci 39:87-92, Jul 74
ANIMAL EXPERIMENTS/ AORTA,
ABDOMINAL, physiology/ *BODY
TEMPERATURE/ *CATTLE, physiology/
ESTRADIOL, administration & dosage/
*ESTRADIOL, pharmacodynamics/ FEMALE/
INJECTIONS, INTRAVENOUS/ METHODS/
REGIONAL BLOOD FLOW/ UTERUS, blood
supply/ UTERUS, drug effects/ *UTERUS,
physiology
1693. Gwinner E: Testosterone induces "splitting" of circadian locomotor activity rhythms in birds.
Science 185:72-4, 5 Jul 74
ANIMAL EXPERIMENTS/ *BIRDS, physiology/
CASTRATION/ *CIRCADIAN RHYTHM, drug
effects/ FLIGHT, ANIMAL/ MALE/ MODELS,
BIOLOGICAL/ *MOTOR ACTIVITY, drug
effects/ SEASONS/ TESTIS, growth &
development/ *TESTOSTERONE,
pharmacodynamics
1694. Gwinner E: Testosterone induces "splitting" of circadian locomotor activity rhythms in birds.
Am J Pathol 75:72-4, Jun 74
ANIMAL EXPERIMENTS/ *BIRDS, physiology/
CASTRATION/ *CIRCADIAN RHYTHM, drug
effects/ FLIGHT, ANIMAL/ MALE/ MODELS,
BIOLOGICAL/ *MOTOR ACTIVITY, drug
effects/ SEASONS/ TESTIS, growth &
development/ *TESTOSTERONE,
pharmacodynamics
1695. Gwinup G: Letter: Incomplete male pseudohermaphroditism.
N Engl J Med 291:308, 8 Aug 74
HUMAN/ MALE/
*PSEUDOHERMAPHRODITISM, classification/
PSEUDOHERMAPHRODITISM, familial &
genetic/ SYNDROME
1696. Gwinup G, Ogundipe O: Preliminary report: Decreased leukocyte alkaline phosphatase in hyperthyroidism.
Metabolism 23:659-61, Jul 74
*ALKALINE PHOSPHATASE, analysis/
FEMALE/ HUMAN/ HYPERTHYROIDISM,
drug therapy/ *HYPERTHYROIDISM,
enzymology/ HYPOTHYROIDISM, etiology/
IODINE RADIOISOTOPES/ *LEUKOCYTES,
enzymology
1697. Gyermek L: Benzodiazepines for supplementing steroid anesthesia. Life Sci 14:1433-6, 18 Apr 74
*ANESTHETICS/ ANIMAL EXPERIMENTS/
*BENZODIAZEPINONES, pharmacodynamics/
*CHLORDIAZEPOXIDE, pharmacodynamics/
COMPARATIVE STUDY/ *DIAZEPAM,
pharmacodynamics/ DRUG SYNERGISM/
FLURAZEPAM, pharmacodynamics/
HYDROXYDIONE, pharmacodynamics/
HYDROXYSTEROIDS, pharmacodynamics/
MICE/ PREGNANEDIONES, pharmacodynamics/
PREGNANES, pharmacodynamics/ *STEROIDS,
blood/ TIME FACTORS
1698. Gygas AP, Donawick WJ, Gledhill BL: Haematocoele in a stallion and recovery of fertility following unilateral castration. Equine Vet J 5:128-30, Jul 73
ANIMAL EXPERIMENTS/ *CASTRATION,
veterinary/ CELL MOVEMENT/ *FERTILITY/
HEMATOCOELE, surgery/ *HEMATOCOELE,
veterinary/ *HORSE DISEASES, surgery/
*HORSES, physiology/ MALE/ *SCROTUM/
SEMEN, cytology/ SPERMATOGENESIS/
SPERMATOZOA, cytology
1699. Gyires C, Knoll J: Inflammation and "writing syndrome" inducing effects of PGE1 PGE2 and the inhibition of these actions.
Pol J Pharmacol Pharm 26:73, Jan-Apr 74
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS,
pharmacodynamics/ ANTI-INFLAMMATORY
AGENTS, pharmacodynamics/ CAPILLARY
PERMEABILITY, drug effects/ EDEMA,

AUTHOR SECTION

chemically induced/ HINDLIMB/
 *INFLAMMATION, chemically induced/
 NERVE ENDINGS, drug effects/ PAIN/
 PROSTAGLANDINS, antagonists & inhibitors/
 *PROSTAGLANDINS, pharmacodynamics/
 SEROTONIN, antagonists & inhibitors/
 *SPASM, chemically induced

H

1700. Haack D, Hackenthal E, Homsy E, et al: Effects of 9-alpha-fluorohydrocortisone on blood pressure, plasma volume, and sodium, potassium and water balance in rats.
 Acta Endocrinol (Kbh) 76:539-55, Jul 74
 *BLOOD PRESSURE, drug effects/
 CIRCADIAN RHYTHM/ DEPRESSION,
 CHEMICAL/ DOSE-RESPONSE
 RELATIONSHIP, DRUG/ DRINKING, drug
 effects/ EATING, drug effects/ FECES/
 FLUDROCORTISONE, administration & dosage/
 *FLUDROCORTISONE, pharmacodynamics/
 HEMATOCRIT/ IN VITRO/ MALE/ OSMOLAR
 CONCENTRATION/ *PLASMA VOLUME, drug
 effects/ POTASSIUM, blood/ *POTASSIUM,
 metabolism/ POTASSIUM, urine/ SODIUM,
 blood/ *SODIUM, metabolism/ SODIUM, urine/
 STIMULATION, CHEMICAL/ TIME FACTORS/
 *WATER-ELECTROLYTE BALANCE, drug
 effects

1701. Haas E: Nahttechniken, Narben und Narbenkorrekturen.
 Laryngol Rhinol Otol (Stuttg) 53:234-40, Apr 74 (Ger)
 *CICATRIX, surgery/ ENGLISH ABSTRACT/
 HUMAN/ KELOID, drug therapy/ KELOID,
 radiotherapy/ KELOID, surgery/ METHODS/
 POSTOPERATIVE COMPLICATIONS, surgery/
 PREDNISOLONE, administration & dosage/
 *SURGERY, PLASTIC/ SURGICAL WOUND
 DEHISCENCE, surgery/ *SUTURE TECHNIQS/
 WOUNDS AND INJURIES, surgery

1702. Haas P, Wendt H: Nephrotisches Syndrom und Schilddrüsenschwellung nach D-Penicillamin.
 Wien Med Wochenschr 124:333-4, 1 Jun 74 (Ger)
 ANABOLIC STEROIDS, therapeutic use/
 ARTHRITIS, RHEUMATOID, drug therapy/
 CORTISONE, therapeutic use/ FEMALE/
 HUMAN/ MIDDLE AGE/ *NEPHROTIC
 SYNDROME, chemically induced/ NEPHROTIC
 SYNDROME, drug therapy/ *PENICILLAMINE,
 adverse effects/ PENICILLAMINE, therapeutic
 use/ RESPIRATORY INSUFFICIENCY,
 chemically induced/ *THYROIDITIS, chemically
 induced/ THYROIDITIS, drug therapy

1703. Haberfellner H, Berger H, Gleispach H:
 Steroidausscheidung im Harn bei adipösen Kindern.
 Wien Med Wochenschr 124:437-42, 6 Jul 74 (Ger)
 ANDROSTERONE, urine/ BODY SURFACE
 AREA/ BODY WEIGHT/ BONE
 DEVELOPMENT/ DEFICIENCY DISEASES,
 complications/ ETIOCHOLANOLONE, urine/
 FEMALE/ HUMAN/
 11-HYDROXYCORTICOSTEROIDS, urine/
 *HYDROXYCORTICOSTEROIDS, urine/
 17-KETOSTEROIDS, urine/ MALE/ OBESITY,
 etiology/ *OBESITY, urine/ PREGNANEDIOL,
 urine/ PREGNANETRIOL, urine/
 *PROGESTATIONAL HORMONES, urine

1704. Habermann ET, Grayzel AI: Bilateral total knee replacement in a patient with sickle cell disease.
 Clin Orthop 100:211-5, May 74
 *ANEMIA, SICKLE CELL, complications/
 BONE AND BONES, blood supply/ HIP,
 radiography/ HIP JOINT/ HUMAN/
 INFARCTION, etiology/ *JOINT PROSTHESIS/
 KNEE, radiography/ *KNEE, surgery/ *KNEE
 JOINT/ MALE/ MOTION/ *NECROSIS,
 etiology

1705. Hack M, Jaffe J, Blankstein J, et al: Familial aggregation in bilateral renal agenesis.
 Clin Genet 5:173-7, 1974
 ABNORMALITIES, MULTIPLE/ ADRENAL
 GLANDS, pathology/ AUTOPSY/ BLADDER,
 pathology/ *FACE, abnormalities/ FEMALE/
 HUMAN/ INFANT, NEWBORN/ *KIDNEY,

abnormalities/ KIDNEY, pathology/ KIDNEY
 DISEASES, familial & genetic/ LUNG,
 pathology/ MALE/ PEDIGREE/ PREGNANCY/
 SYNDROME

1706. Hackett ER, Martinez RD, Larson PF, et al: Optic neuritis in systemic lupus erythematosus.
 Arch Neurol 31:9-11, Jul 74
 DIAGNOSTIC ERRORS/ *EYE
 MANIFESTATIONS/ FEMALE/ HUMAN/
 LUPUS ERYTHEMATOSUS, SYSTEMIC,
 complications/ *LUPUS ERYTHEMATOSUS,
 SYSTEMIC, diagnosis/ LUPUS
 ERYTHEMATOSUS, SYSTEMIC, drug therapy/
 LUPUS ERYTHEMATOSUS, SYSTEMIC,
 pathology/ MULTIPLE SCLEROSIS, diagnosis/
 OPTIC NERVE, pathology/ *OPTIC NEURITIS,
 etiology/ OPTIC NEURITIS, pathology/
 PREDNISONE, therapeutic use/ SPINAL
 CORD, pathology

1707. Haddad JG, Stamp TC: Circulating 25-hydroxyvitamin D in man. Am J Med 57:57-62, Jul 74
 ANIMAL EXPERIMENTS/ ANTIGENS,
 analysis/ CALCIUM, blood/
 CHOLECALCIFEROL, therapeutic use/
 HUMAN/ HYPOPARATHYROIDISM, drug
 therapy/ PARATHYROID HORMONE, blood/
 PHOSPHORUS, blood/ RICKETS,
 drug therapy/ SEASONS/ STEROLS, blood/
 STEROLS, therapeutic use/ TRITUM/
 VITAMIN D, administration & dosage/
 VITAMIN D, biosynthesis/ *VITAMIN D,
 blood/ VITAMIN D, therapeutic use

1708. Haddad N, Ghachem M, Ammar M: La maladie d'Addison. Tunis Med 51:221-3, Jul 73 (Fre)
 ADDISON'S DISEASE, diagnosis/ *ADDISON'S
 DISEASE, etiology/ *ADRENAL GLAND
 DISEASES, complications/ ADRENAL GLAND
 DISEASES, diagnosis/ DIABETES MELLITUS,
 complications/ FEMALE/ HUMAN/ MALE/
 TIME FACTORS/ TUBERCULIN TEST/
 *TUBERCULOSIS, ENDOCRINE, complications/
 TUBERCULOSIS, ENDOCRINE, diagnosis/
 TUBERCULOSIS, HEPATIC, complications

1709. Hadjilova I: Veränderungen des Plasma- und Nebennierenrindencorticosterons bei Ratten während Hypokinesie und zusätzlicher Stress-Einwirkungen.
 Int Arch Arbeitsmed 33:59-70, 12 Mar 74 (Ger)
 ADRENAL GLANDS, metabolism/ ANIMAL
 EXPERIMENTS/ BODY WEIGHT/
 CORTICOSTERONE, blood/
 *CORTICOSTERONE, metabolism/ ENGLISH
 ABSTRACT/ HEAT/ MALE/ *MOTOR
 ACTIVITY/ NOISE/ ORGAN WEIGHT/ RATS/
 *STRESS, metabolism

1710. Haefliger JM, Costabella PM, Maurice P, et al: Cancer après irradiations diagnostiques et thérapeutiques. Revue générale à propos de 6 cas de leucémie myéloïde chronique.
 Praxis 63:754-60, 18 Jun 74 (Fre)
 BRAIN NEOPLASMS, etiology/ BREAST
 NEOPLASMS, etiology/ ENGLISH ABSTRACT/
 FEMALE/ HUMAN/ *LEUKEMIA,
 MYELOCYTIC, etiology/ LUNG NEOPLASMS,
 etiology/ MALE/ *NEOPLASMS,
 RADIATION-INDUCED, diagnosis/
 *RADIOGRAPHY, adverse effects/ SKIN
 NEOPLASMS, etiology/ THYROID
 NEOPLASMS, etiology/ UROGENITAL
 NEOPLASMS, etiology

1711. Haeger K: Zink och zinkbrist--en klinisk översikt. Lakartidningen 70:3243-6, 19 Sep 73 (46 ref.) (Swe)
 ADULT/ ANIMAL EXPERIMENTS/ CATTLE/
 CATTLE DISEASES, etiology/ DEFICIENCY
 DISEASES, complications/ DEFICIENCY
 DISEASES, veterinary/ DWARFISM, etiology/
 ENGLISH ABSTRACT/ FEMALE/ GROWTH
 DISORDERS, etiology/ HEPATOMEGALY,
 etiology/ HUMAN/ HYPOGONADISM, etiology/
 INFANT, NEWBORN/ LEG ULCER, drug
 therapy/ MALE/ MIDDLE AGE/ REVIEW/
 SPLENOMEGALY, etiology/ WOUND
 HEALING/ ZINC, blood/ *ZINC, metabolism/
 ZINC, therapeutic use

AUTHOR SECTION

1712. Haën C de: Adenylate cyclase. A new kinetic analysis of the effects of hormones and fluoride ion. J Biol Chem 249:2756-62, 10 May 74
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ADENYL CYCLASE, antagonists & inhibitors/ *ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, enzymology/ BINDING SITES/ CELL MEMBRANE, enzymology/ CORTICOTROPIN, pharmacodynamics/ ENZYME ACTIVATION/ EPINEPHRINE, pharmacodynamics/ EVALUATION STUDIES/ *FLUORIDES, pharmacodynamics/ GLUCAGON, pharmacodynamics/ GUINEA PIGS/ HEART VENTRICLE/ *HORMONES, pharmacodynamics/ KINETICS/ MAGNESIUM, pharmacodynamics/ MATHEMATICS/ MEMBRANES, enzymology/ MODELS, CHEMICAL/ MYOCARDIUM, enzymology/ PROTEIN CONFORMATION/ RATS/ SODIUM, pharmacodynamics
1713. Haendle J: X-ray induced mitotic recombination in *Drosophila melanogaster*. 3. Dose dependence of the "pairing" component. Mol Gen Genet 128:233-9, 6 Feb 74
ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS/ CROSSING OVER (GENETICS)/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *DROSOPHILA MELANOGASTER, radiation effects/ FEMALE/ LARVA, radiation effects/ MALE/ *MITOSIS/ *RADIATION GENETICS/ *RECOMBINATION, GENETIC/ SEX CHROMOSOMES
1714. Hafez AA: Prostaglandin E2 prevents impairment of fertility in rats fed a diet deficient in essential fatty acids. J Reprod Fertil 38:273-86, Jun 74
ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, therapeutic use/ CARBON RADIOISOTOPES/ CHOLESTEROL, analysis/ CORPUS LUTEUM/ *DIET/ ESTRUS/ *FATTY ACIDS, ESSENTIAL/ FEMALE/ GESTATIONAL AGE/ LACTATION, drug effects/ LINOLEIC ACID, metabolism/ MALE/ NIDATION/ ORGAN WEIGHT/ OVARY, drug effects/ PARITY/ *PROTAGLANDINS, therapeutic use/ PSEUDOPREGNANCY/ *STERILITY, prevention & control/ TESTIS, analysis/ VAGINAL SMEARS
1715. Haft JI: Cardiovascular injury induced by sympathetic catecholamines. Prog Cardiovasc Dis 17:73-86, Jul-Aug 74 (70 ref.)
ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ *CARDIOVASCULAR SYSTEM, drug effects/ CATECHOLAMINES, administration & dosage/ CATECHOLAMINES, adverse effects/ CATECHOLAMINES, toxicity/ CICATRIX, chemically induced/ COMPARATIVE STUDY/ CORONARY VESSELS, drug effects/ DIPYRIDAMOLE, pharmacodynamics/ EPINEPHRINE, adverse effects/ *HEART, drug effects/ HEART, pathology/ *HEART DISEASES, chemically induced/ HEART DISEASES, pathology/ HUMAN/ ISOPROTERENOL, adverse effects/ MICROSCOPY, ELECTRON/ MYOCARDIAL INFARCT, chemically induced/ MYOCARDIAL INFARCT, etiology/ MYOCARDITIS, chemically induced/ MYOCARDIUM, pathology/ NECROSIS/ NOREPINEPHRINE, adverse effects/ NOREPINEPHRINE, therapeutic use/ PHEOCHROMOCYTOMA, drug therapy/ PLATELET ADHESIVENESS, drug effects/ REVIEW/ STRESS, PSYCHOLOGICAL/ THROMBOSIS, complications/ VASCULAR DISEASES, chemically induced
1716. Hagen C, McNeilly AS, Arroë M, et al: Letter: Prolactin levels in gynaecomastia related to Klinefelter's syndrome. Lancet 2:57, 6 Jul 74
*GYNECOMASTIA, blood/ GYNECOMASTIA, etiology/ HUMAN/ KLINEFELTER'S SYNDROME, blood/ *KLINEFELTER'S SYNDROME, complications/ MALE/ *PROLACTIN, blood/ RADIOIMMUNOASSAY
1717. Hagenfeldt K: Manlig sterilisering-vasektomi. Lakartidningen 70:3137-40, 12 Sep 73 (46 ref.) (Swe)
ADULT/ EJACULATION/ ENGLISH
- ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ IMPOTENCE/ LEGISLATION, MEDICAL/ MALE/ METHODS/ *POSTOPERATIVE COMPLICATIONS/ REVIEW/ SPERMATOZOA/ SPERMATOZOA, immunology/ SWEDEN/ TESTOSTERONE, blood/ TIME FACTORS/ VAS DEFERENS, physiology/ *VASECTOMY, adverse effects
1718. Haghbin M, Tan CC, Clarkson BD, et al: Intensive chemotherapy in children with acute lymphoblastic leukemia (L-2 protocol). Cancer 33:1491-8, Jun 74
ADMINISTRATION, ORAL/ AGE FACTORS/ *ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, therapeutic use/ ASPARAGINASE, administration & dosage/ CARMUSTINE, administration & dosage/ CYCLOPHOSPHAMIDE, administration & dosage/ CYTARABINE, administration & dosage/ DAUNOMYCIN, administration & dosage/ *DRUG THERAPY, COMBINATION/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ HEPATITIS, TOXIC, etiology/ HUMAN/ HYDROXYUREA, administration & dosage/ INFECTION, etiology/ INJECTIONS, INTRAVENOUS/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ MALE/ MENINGITIS, prevention & control/ METHOTREXATE, administration & dosage/ PREDNISONE, administration & dosage/ REMISSION/ THIOGUANINE, administration & dosage/ VINCRISTINE, administration & dosage
1719. Hagiwara S, Takahashi K: Mechanism of anion permeation through the muscle fibre membrane of an elasmobranch fish, *Taeniorhynchus*. J Physiol (Lond) 238:109-27, Apr 74
ANIMAL EXPERIMENTS/ ANIONS/ BROMIDES, metabolism/ *CELL MEMBRANE PERMEABILITY/ CHLORATES, metabolism/ *CHLORIDES, metabolism/ ELECTRIC CONDUCTIVITY/ *FISHES, physiology/ HYDROGEN-ION CONCENTRATION/ IODIDES, metabolism/ MALE/ MEMBRANE POTENTIALS/ MUSCLES, cytology/ *MUSCLES, metabolism/ MUSCLES, physiology/ NITRATES, metabolism/ POTASSIUM, metabolism/ TEMPERATURE/ THIOCYANATES, metabolism
1720. Hahn L: On fibrinolysis and coagulation during parturition and menstruation. Acta Obstet Gynecol Scand [Suppl] 28:7-40, 1974 (118 ref.)
*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, metabolism/ CESAREAN SECTION/ ESTRADIOL, blood/ FACTOR VIII, metabolism/ FEMALE/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HEMAGGLUTINATION TESTS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOASSAY/ IMMUNOELECTROPHORESIS/ *LABOR/ MENORRHAGIA, blood/ *MENSTRUATION/ METHODS/ PLASMINOGEN, blood/ PROGESTERONE, blood/ PUERPERIUM/ REVIEW/ THROMBOPLASTIN, metabolism/ TIME FACTORS/ *UTERUS, metabolism
1721. Hahn RA, Patil PN: Further observations on the interaction of prostaglandin F2 alpha with cholinergic mechanisms in canine salivary glands. Eur J Pharmacol 25:279-86, Mar 74
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ CHORDA TYMPANI NERVE, drug effects/ CHORDA TYMPANI NERVE, physiology/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTRIC STIMULATION/ HYDROGEN-ION CONCENTRATION/ ISOMERISM/ NEURONS, drug effects/ *PARASYMPATHETIC NERVOUS SYSTEM, drug effects/ POTASSIUM, analysis/ *PROTAGLANDINS, pharmacodynamics/ PROTEINS, analysis/ REGIONAL BLOOD FLOW/ SALIVA, analysis/ *SALIVATION, drug effects/ SECRETORY

AUTHOR SECTION

- RATE/ SODIUM, analysis/ *SUBMANDIBULAR GLAND, innervation/ SUBMANDIBULAR GLAND, secretion/ TETRODOTOXIN, analysis/ TETRODOTOXIN, pharmacodynamics
1722. Hahn TJ, Scharp CR, Avioli LV: Effect of phenobarbital administration on the subcellular distribution of vitamin D3-3H in rat liver. *Endocrinology* 94:1489-95, Jun 74
ANIMAL EXPERIMENTS/
*CHOLECALCIFEROL, metabolism/ CHROMATOGRAPHY/ ENDOPLASMIC RETICULUM, metabolism/ LIVER, cytology/ *LIVER, metabolism/ MALE/ MITOCHONDRIA, LIVER, metabolism/ *PHENOBARBITAL, pharmacodynamics/ RATS/ SUBCELLULAR FRACTIONS, metabolism/ TIME FACTORS/ TRITIUM
1723. Haim S: [Editorial: The contraceptive pill and loss of hair] *Harefuah* 86:155-6, 1 Jan 74 (Heb)
*ALOPECIA, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN
1724. Halmovici H, Maier N: Autogenous vein grafts in experimental canine atherosclerosis. Their fate in the abdominal aorta and peripheral arteries. *Arch Surg* 109:95-102, Jul 74
ANIMAL EXPERIMENTS/ *AORTA, ABDOMINAL, surgery/ *ARTERIES, surgery/ ARTERIOSCLEROSIS, pathology/ *ARTERIOSCLEROSIS, surgery/ CAROTID ARTERIES, surgery/ CHOLESTEROL, blood/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ FEMORAL ARTERY, surgery/ HYPERCHOLESTEREMIA, pathology/ JUGULAR VEIN, pathology/ JUGULAR VEIN, transplantation/ MALE/ STAINS AND STAINING/ THYROIDECTOMY/ TRANSPLANTATION, AUTOLOGOUS/ *VEINS, transplantation
1725. Håkanson R, Larsson LI, Sjöberg NO, et al: Amine-producing endocrine-like cells in the epithellum of urethra and prostate of the guinea-pig. A chemical, fluorescence histochemical, and electron microscopic study. *Histochemie* 38:259-70, 6 Mar 74
ANIMAL EXPERIMENTS/ BENZYL COMPOUNDS, pharmacodynamics/ COMPARATIVE STUDY/ DOPA, pharmacodynamics/ DOPAMINE, metabolism/ EPITHELIAL CELLS, cytology/ EPITHELIUM, metabolism/ FEMALE/ HISTOCYTOCHEMISTRY/ HYDRAZINES, pharmacodynamics/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ PROSTATE, cytology/ PROSTATE, drug effects/ *PROSTATE, metabolism/ RESERPINE, pharmacodynamics/ *SEROTONIN, metabolism/ SPECTROMETRY, FLUORESCENCE/ STAINS AND STAINING/ TIME FACTORS/ URETHRA, cytology/ URETHRA, drug effects/ *URETHRA, metabolism
1726. Håkanson R, Larsson LI, Sundler F: Fluorescamine: a novel reagent for the histochemical detection of amino groups. *Histochemistry* 39:15-23, 27 Mar 74
*AMINES, analysis/ AMINES, blood/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ EPITHELIAL CELLS, cytology/ ERYTHROCYTES, cytology/ EVALUATION STUDIES/ HISTOCYTOCHEMISTRY/ INTESTINES, cytology/ METHODS/ MICROSCOPY, FLUORESCENCE/ ORGAN SPECIFICITY/ PANCREAS, cytology/ PITUITARY GLAND, cytology/ SPECIES SPECIFICITY/ STAINS AND STAINING/ STOMACH, cytology/ SWINE/ THYROID GLAND, cytology
1727. Haler D: The effect of "Noxyflex" (Noxytioline) on the behaviour of animals which have been infected intraperitoneally with suspensions of faeces. *Int J Clin Pharmacol* 9:160-4, Mar 74
ALCOHOL, METHYL, adverse effects/ ALCOHOL, METHYL, pharmacodynamics/ ALCOHOL, METHYL, therapeutic use/ ALCOHOL, METHYL, toxicity/ ANIMAL EXPERIMENTS/ ANTI-INFECTION AGENTS, adverse effects/ ANTI-INFECTION AGENTS, pharmacodynamics/ *ANTI-INFECTION AGENTS, therapeutic use/ *BEHAVIOR, ANIMAL, drug effects/ COMPARATIVE STUDY/ *DISEASE MODELS, ANIMAL/ FECES/ INJECTIONS, INTRAPERITONEAL/ LETHAL DOSE 50/ MALE/ MICE/ PAIN, chemically induced/ PAIN, drug therapy/ *PERITONITIS, drug therapy/ PERITONITIS, etiology/ RATS/ SUSPENSIONS/ TETRACAIN, therapeutic use/ TETRACAIN, toxicity/ THIOUREA, adverse effects/ THIOUREA, pharmacodynamics/ *THIOUREA, therapeutic use/ THIOUREA, toxicity
1728. Hales CN, Lurio JP, Chandler JA, et al: Localization of calcium in the smooth endoplasmic reticulum of rat isolated fat cells. *J Cell Sci* 15:1-15, Jun 74
*ADIPOSE TISSUE, analysis/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *CALCIUM, analysis/ CALCIUM, metabolism/ CELL MEMBRANE, analysis/ CYTOPLASM, analysis/ *ENDOPLASMIC RETICULUM, analysis/ IN VITRO/ LIPIDS, analysis/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, analysis/ MODELS, BIOLOGICAL
1729. Hallm A, Abbasi K, Festenstein H: The expression of the HL-A antigens of human spermatozoa. *Tissue Antigens* 4:1-6, 1974
ANTI-ANTIBODIES/ ANTIBODIES/ ANTIBODY SPECIFICITY/ ANTILYMPHOCYTE SERUM/ CHORIOCARCINOMA, immunology/ FEMALE/ FREEZE DRYING/ GEL FILTRATION/ GENOTYPE/ HAPLOIDY/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ HUMAN/ IGG, analysis/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ MALE/ METHODS/ SEMEN, immunology/ SPECTROPHOTOMETRY/ *SPERMATOZOA, immunology/ SWINE, immunology
1730. Hall K, Van Wyk JJ: Somatomedin. *Curr Top Exp Endocrinol* 2:155-78, 1974
ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CARTILAGE, metabolism/ CELL DIVISION/ CELL MEMBRANE, metabolism/ CHICK EMBRYO/ ERYTHROPOIETIN, physiology/ GROWTH DISORDERS, pathophysiology/ GROWTH SUBSTANCES, physiology/ HELA CELLS, drug effects/ HUMAN/ INSULIN, metabolism/ MUSCLES, metabolism/ NERVE GROWTH FACTOR, physiology/ RATS/ *SOMATOMEDIN, analysis/ SOMATOMEDIN, blood/ SOMATOMEDIN, isolation & purification/ SOMATOMEDIN, metabolism
1731. Hall MN: Use of the "morning-after pill" in a college student health service. *J Am Coll Health Assoc* 22:395-6, Jun 74
ADMINISTRATION, ORAL/ CONNECTICUT/ *CONTRACEPTIVES, POSTCOITAL/ DIETHYLSTILBESTROL, administration & dosage/ FEMALE/ HUMAN/ *STUDENT HEALTH SERVICES/ UNIVERSITIES
1732. Hall R: The need for more sensitive assays for the measurement of thyroid-stimulating hormone (TSH) and the long-acting thyroid stimulator (LATS). *Clin Endocrinol (Oxf)* 3:361-2, Jul 74
*BIOLOGICAL ASSAY/ HUMAN/ *LONG-ACTING THYROID STIMULATOR, blood/ *THYROTROPIN, blood
1733. Hallauer W: Therapie bei terminaler Niereninsuffizienz. *Med Klin* 69:561-73, 5 Apr 74 (40 ref.) (Ger)
AGE FACTORS/ ARTERIOVENOUS SHUNT, SURGICAL/ BONE DISEASES, etiology/ CALCIUM, metabolism/ GLOMERULONEPHRITIS, complications/ *HEMODIALYSIS/ HEMODIALYSIS, adverse effects/ HEMODIALYSIS, instrumentation/ HUMAN/ HYPERTENSION, etiology/ KIDNEY FAILURE, CHRONIC, etiology/ *KIDNEY FAILURE, CHRONIC, therapy/ KIDNEY, POLYCYSTIC, complications/ METHODS/

AUTHOR SECTION

- PYELONEPHRITIS, complications/ REVIEW/
*TERMINAL CARE
1734. Haller J: Hormonale Kontrazeptiva und Hypertonie. Internist (Berlin) 15:155-6, Mar 74 (Ger)
BLOOD PRESSURE, drug effects/
*CONTRACEPTIVES, ORAL, adverse effects/
DRUG COMBINATIONS/ ESTROGENS, adverse effects/ FEMALE/ HUMAN/
HYPERTENSION, chemically induced/
PREGNANCY TOXEMIAS, chemically induced/
PROGESTERONE, adverse effects
1735. Holló I: Postmenopausal osteoporosis. Pathogenesis and the mode of action of hormone therapy. Ther Hung 20:123-6 passim, 1972
ADRENAL GLAND HYPOFUNCTION, complications/ CALCITONIN, physiology/
CALCIUM, metabolism/ FEMALE/ HUMAN/
*MENOPAUSE/ *NANDROLONE, therapeutic use/ *OSTEOPOROSIS, drug therapy/
OSTEOPOROSIS, etiology/ SEX HORMONES, metabolism
1736. (Hamburger C), Starup J: Christian Hamburger. Acta Endocrinol (Kbh) 75:1-2, Jan 74
CURRENT BIO-OBIT/ DENMARK/
ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ SOCIETIES, SCIENTIFIC, history
1737. Hamerski W: Durabolin w leczeniu angioretinopatiiae diabeticar proliferativae. Klin Oczna 44:461-5, May 74 (Pol)
ADULT/ AGED/ *DIABETIC RETINOPATHY, drug therapy/ DRUG TOLERANCE/ ENGLISH ABSTRACT/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ MIDDLE AGE/
NANDROLONE, administration & dosage/
*NANDROLONE, therapeutic use
1738. Hamid J, Sayeed A, McFarlane H: The effect of 1-(o-chlorophenyl)-1-(p-chlorophenyl)-2,2-dichloroethane(o,p'-DDD) on the immune response in malnutrition. Br J Exp Pathol 55:94-100, Feb 74
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ ANTIBODY PRODUCING CELLS, drug effects/ BODY WEIGHT, drug effects/ CELLS, CULTURED/
CORTICOSTERONE, blood/ *DDD, pharmacodynamics/ HEMOLYTIC PLAQUE TECHNIC/ IMMUNE ADHERENCE REACTION/
*IMMUNITY, drug effects/ IMMUNITY, CELLULAR/ LYMPHOCYTES, drug effects/
NUTRITION DISORDERS, drug therapy/
*NUTRITION DISORDERS, immunology/
NUTRITION DISORDERS, metabolism/ ORGAN WEIGHT/ PLANT AGGLUTININS, pharmacodynamics/ SPLEEN, pathology/
THYMUS GLAND, pathology
1739. Hamilton JM, Flaks A, Saluja PG: Inhibitory effect of 2-br-alpha-ergocryptine-methane-sulfonate on renal carcinogenesis in the male hamster. J Natl Cancer Inst 52:1929-30, Jun 74
ANIMAL EXPERIMENTS/ *CARCINOGENS, antagonists & inhibitors/
*DIETHYLSTILBESTROL, antagonists & inhibitors/ KIDNEY, drug effects/ *KIDNEY NEOPLASMS, chemically induced/ MALE/
*METHANESULFONATES, pharmacodynamics/
NEOPLASMS, EXPERIMENTAL, chemically induced/ ORGAN WEIGHT/ PITUITARY GLAND, drug effects/ SEX FACTORS
1740. Hamilton W: Testicular function in myotonic dystrophy of childhood. Clin Endocrinol (Oxf) 3:215-22, Apr 74
ANDROSTENEDIONE/ AUTOPSY/ BIOPSY/
CARBON RADIOISOTOPES/
CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/
DEHYDROEPIANDROSTERONE/ HUMAN/
ISOTOPE LABELING/ LYASES, metabolism/
MALE/ *MYOTONIA ATROPHICA, enzymology/ MYOTONIA ATROPHICA, pathology/ OXIDOREDUCTASES, metabolism/
PREGNENOLONE/ STEROID HYDROXYLASES, metabolism/ *TESTIS, enzymology/ TESTIS, pathology/ *TESTOSTERONE, biosynthesis/
TRITIUM
1741. Hammock BD, Gill SS, Casida JE: Synthesis and morphogenetic activity of derivatives and analogs of aryl geranyl ether juvenoids. J Agric Food Chem 22:379-85, May-Jun 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ ETHERS, CYCLIC/ INSECTICIDES, BOTANICAL/ *JUVENILE HORMONES/
JUVENILE HORMONES, chem synthesis/
JUVENILE HORMONES, metabolism/
RECEPTORS, HORMONE/
STRUCTURE-ACTIVITY RELATIONSHIP/
TERPENES
1742. Hampl R, Stárka L: Stanovení nízkých hladin testosteronu a androstendionu v plazmě. Cas Lek Cesk 113:459-65, 19 Apr 74 (Cze)
*ANDROSTENEDIONE, blood/
CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MALE/ METHODS/ PREGNANCY/
PROTEIN BINDING/ *TESTOSTERONE, blood
1743. Hampton JW: Bleeding disorders during surgery. Int Anesthesiol Clin 12:191-201, Spring 74
ADRENAL CORTEX HORMONES, therapeutic use/ ASPIRIN, adverse effects/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, diagnosis/
BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/
BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/
DISSEMINATED INTRAVASCULAR COAGULATION, complications/
EXTRACORPOREAL CIRCULATION, adverse effects/ FEMALE/ FIBRINOGEN, analysis/
HEMORRHAGE, chemically induced/
HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ HEMORRHAGIC DIATHESIS, diagnosis/ HEMOSTASIS/ HUMAN/ LIVER DISEASES, complications/ MALE/
NEOPLASMS, complications/ PURPURA, THROMBOGENIC, complications/ *SURGERY, OPERATIVE/ THROMBOGENIA, complications/
THROMBOGENIA, drug therapy
1744. Hanafy MM, Morsey MR, Seddick Y, et al: Maternal nutrition and lactation performance: a study in urban Alexandria. J Trop Pediatr 18:187-91, Sep 72
EGYPT/ FEMALE/ HUMAN/ INFANT NUTRITION/ *LACTATION/ MILK, HUMAN/
*NUTRITION/ URBAN POPULATION
1745. Handa J, Yoneda S, Matsuda M, et al: Effects of prostaglandins A1, E1, E2 and F2alpha on the basilar artery of cats. Surg Neurol 2:251-5, Jul 74
ADMINISTRATION, TOPICAL/ ANIMAL EXPERIMENTS/ *BASILAR ARTERY, drug effects/ BLOOD PRESSURE, drug effects/
COMPARATIVE STUDY/ CONSTRICTION/
DILATATION/ FEMALE/ HEART RATE, drug effects/ INJECTIONS, INTRAVENOUS/ MALE/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics/ TIME FACTORS/ *VASOCONSTRICTOR AGENTS/
*VASODILATOR AGENTS
1746. Hannemann HR: Steroidtherapie mit ACTH oder Corticoiden. Med Klin 69:513-24, 29 Mar 74 (136 ref.) (Ger)
ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, pharmacodynamics/ *ADRENAL CORTEX HORMONES, therapeutic use/ ADRENAL GLANDS, drug effects/ ARTHRITIS, RHEUMATOID, drug therapy/ ASTHMA, drug therapy/ BRONCHITIS, drug therapy/
CIRCADIAN RHYTHM/ COMPARATIVE STUDY/ CORTICOTROPIN, adverse effects/
CORTICOTROPIN, pharmacodynamics/
*CORTICOTROPIN, therapeutic use/ GROWTH DISORDERS, chemically induced/ HUMAN/
HYPERSENSITIVITY/
HYPOTHALAMO-HYPOPHYSAL SYSTEM, drug effects/ MENTAL DISORDERS, drug therapy/ MULTIPLE SCLEROSIS, drug

AUTHOR SECTION

- therapy/ PIGMENTATION, drug effects/
REVIEW/ SKIN DISEASES, drug therapy/
WATER-ELECTROLYTE BALANCE, drug
effects
1747. Hano J, Bugajski J, Danek L: The effect of drugs interfering with biogenic amine metabolism on basal gastric secretion in the rat.
Pol J Pharmacol Pharm 25:537-49, Nov-Dec 73
ANIMAL EXPERIMENTS/
CATECHOLAMINES, metabolism/
DISULFIRAM, pharmacodynamics/ DOPA,
pharmacodynamics/ DOPAMINE,
pharmacodynamics/ EPINEPHRINE,
pharmacodynamics/ FEMALE/ GASTRIC
JUICE, enzymology/ *GASTRIC JUICE,
secretion/ *GASTRIC MUCOSA, drug effects/
IMIPRAMINE, pharmacodynamics/
ISOPROTERENOL, pharmacodynamics/ MALE/
METHYLTYROSINES, pharmacodynamics/
NIALAMIDE, pharmacodynamics/
NOREPINEPHRINE, pharmacodynamics/
PEPSIN, secretion/ SECRETORY RATE, drug
effects/ *SEROTONIN, metabolism/ TYROSINE
HYDROXYLASE, antagonists & inhibitors
1748. Hano J, Gryglewski R, Grulewska T, et al: The influence on prostaglandin synthetase system by 1-aryl-4-carboxy-2-pyrrolidones in relation to their pharmacological activity.
Pol J Pharmacol Pharm 26:75-6, Jan-Apr 74
ANALGESICS AND ANTIPYRETICS,
pharmacodynamics/ ANIMAL EXPERIMENTS/
ASPIRIN, pharmacodynamics/ EDEMA,
prevention & control/ FEVER, prevention &
control/ *HYDROXYLASES, metabolism/
MALE/ MICROSOMES, enzymology/
*MULTIENZYME COMPLEXES, metabolism/
PROSTAGLANDINS, metabolism/
*PROSTAGLANDINS, pharmacodynamics/
*PYRROLIDINONES, pharmacodynamics/
SEMINAL VESICLES, enzymology
1749. Hanquet M: L'anesthésie par acupuncture, mythe ou réalité. Rev Med Liege 29:292-8, 15 May 74 (Fre)
*ACUPUNCTURE, adverse effects/
*ANESTHESIA/ ANIMAL EXPERIMENTS/
CAUDATE NUCLEUS, physiology/ HUMAN/
MESENCEPHALON, physiology/ METHODS/
MITRAL VALVE, surgery/
PNEUMONECTOMY/ ROTATION/ THALAMUS,
physiology/ THYROIDECTOMY
1750. Hansmann I: Letter: Comments in response to: Seasonal Variation in the Birth of Children with Aneuploid Chromosome Abnormalities.
Humangenetik 21:207-9, 21 Feb 74
*ANEUPLOIDY/ FEMALE/ FERTILIZATION/
HUMAN/ MALE/ MITOSIS/ OVUM, growth &
development/ *SEASONS/ *SEX
CHROMOSOME ABNORMALITIES, etiology
1751. Hanssen KF: Immunoreactive growth hormone in plasma and urine in long term insulin treated diabetics in relation to diabetic retinopathy.
Acta Endocrinol (Kbh) 75:64-74, Jan 74
ADULT/ AGED/ ALBUMINURIA/ ANTIBODY
FORMATION/ *ANTIGENS, metabolism/
BLOOD SUGAR, metabolism/ BODY HEIGHT/
BODY WEIGHT/ CREATININE, metabolism/
DIABETES MELLITUS, blood/ *DIABETES
MELLITUS, drug therapy/ DIABETES
MELLITUS, urine/ DIABETIC RETINOPATHY,
blood/ *DIABETIC RETINOPATHY,
metabolism/ DIABETIC RETINOPATHY, urine/
FEMALE/ GLYCOSURIA/ HUMAN/ *INSULIN,
therapeutic use/ MALE/ METABOLIC
CLEARANCE RATE/ MIDDLE AGE/
SOMATOTROPIN, blood/ *SOMATOTROPIN,
metabolism/ SOMATOTROPIN, urine
1752. Hanssen KF: Immunoreactive growth hormone in plasma and urine in juvenile diabetics before and during initial insulin treatment.
Acta Endocrinol (Kbh) 75:50-63, Jan 74
ADOLESCENCE/ ADULT/ ANTIBODY
FORMATION/ *ANTIGENS, metabolism/
BLOOD SUGAR, metabolism/ BODY HEIGHT/
BODY WEIGHT/ DEPRESSION, CHEMICAL/
DIABETES MELLITUS, JUVENILE, blood/
DIABETES MELLITUS, JUVENILE, drug
therapy/ *DIABETES MELLITUS, JUVENILE,
metabolism/ DIABETES MELLITUS,
JUVENILE, urine/ FEMALE/ GLYCOSURIA/
HUMAN/ *INSULIN, therapeutic use/
KETONES, urine/ MALE/ SOMATOTROPIN,
blood/ *SOMATOTROPIN, metabolism/
SOMATOTROPIN, urine
1753. Hanssen KF, Rasmussen P: Urinary growth hormone in acromegaly. Acta Med Scand 195:381-4, May 74
ACROMEGALY, blood/ *ACROMEGALY, urine/
ADULT/ AGED/ FEMALE/ GLUCOSE
TOLERANCE TEST/ HUMAN/ MALE/
MIDDLE AGE/ RADIOIMMUNOASSAY/
SOMATOTROPIN, blood/ *SOMATOTROPIN,
urine/ TIME FACTORS
1754. Hanssen KF, Svendsen PA, Evrin PE: Immunoreactive growth hormone in plasma and urine in long term insulin treated diabetics with clinical diabetic nephropathy. Acta Endocrinol (Kbh) 75:75-86, Jan 74
ADULT/ AGED/ ALBUMINURIA/ ANTIBODY
FORMATION/ BLOOD SUGAR, metabolism/
CREATININE, metabolism/ DIABETES
MELLITUS, blood/ *DIABETES MELLITUS,
drug therapy/ DIABETES MELLITUS,
metabolism/ DIABETES MELLITUS, urine/
DIABETIC NEPHROPATHIES, blood/
*DIABETIC NEPHROPATHIES, metabolism/
DIABETIC NEPHROPATHIES, urine/
FEMALE/ HUMAN/ *INSULIN, therapeutic
use/ KIDNEY, physiopathology/ MALE/
METABOLIC CLEARANCE RATE/ MIDDLE
AGE/ MURAMIDASE, metabolism/
PROTEINURIA/ SOMATOTROPIN, blood/
*SOMATOTROPIN, metabolism/
SOMATOTROPIN, urine
1755. Hansson L, Zweifler AJ: The effect of propranolol on plasma renin activity and blood pressure in mild essential hypertension.
Acta Med Scand 195:397-401, May 74
ADMINISTRATION, ORAL/ ADULT/ AGED/
*BLOOD PRESSURE, drug effects/
CAUCASIAN RACE/ CLINICAL RESEARCH/
CREATININE, blood/ DEPRESSION,
CHEMICAL/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ HUMAN/
HYPERTENSION, blood/ *HYPERTENSION,
drug therapy/ INJECTIONS, INTRAVENOUS/
ISOPROTERENOL, pharmacodynamics/ MALE/
MIDDLE AGE/ NEGROID RACE/ PLACEBO/
PROPRANOLOL, administration & dosage/
PROPRANOLOL, pharmacodynamics/
*PROPRANOLOL, therapeutic use/ *RENIN,
blood/ SODIUM, urine/ STIMULATION,
CHEMICAL/ TIME FACTORS
1756. Hansson V, McLean WS, Smith AA, et al: Androgen receptors in rat testis. Steroids 23:323-32, Jun 74
ANIMAL EXPERIMENTS/ CARRIER
PROTEINS, metabolism/ CELL NUCLEUS,
metabolism/ CENTRIFUGATION, DENSITY
GRADIENT/ CYPROTERONE, metabolism/
ELECTROPHORESIS, DISC/ EPIDIDYMIS,
metabolism/ HYPOPHYSECTOMY/ PROSTATE,
metabolism/ PROTEIN BINDING/
*RECEPTORS, HORMONE/ *STANOLONE,
metabolism/ TEMPERATURE/ *TESTIS,
metabolism/ *TESTOSTERONE, metabolism/
TRITIUM
1757. Harada Y, Katori M: Proceedings: Fundamental studies on the superfusion technique for bioassay of prostaglandins. Jap J Pharmacol 24:Suppl:31, 1974
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ IN VITRO/ METHODS/ PERFUSION/
*PROSTAGLANDINS, analysis
1758. Harbury CB, Schrier SL: The effect of a partial release reaction on subsequent platelet function.
J Ky Med Assoc 83:877-86, Jun 74
BLOOD PLATELETS, drug effects/ *BLOOD
PLATELETS, metabolism/ CARBON
RADIOISOTOPES/ CATTLE/ CLOT
RETRACTION/ COLLAGEN,
pharmacodynamics/ HUMAN/ LATEX
PARTICLES, pharmacodynamics/ *PLATELET
ADHESIVENESS/ RATS/ *SEROTONIN,

AUTHOR SECTION

metabolism/ THROMBIN, pharmacodynamics/
TRYPSIN, pharmacodynamics

1759. Harders H: Panchondritis.
Verh Dtsch Ges Rheumatol 3:71-6, 1974 (Ger)
ARTHRITIS, RHEUMATOID, complications/
*CARTILAGE DISEASES, diagnosis/
CARTILAGE DISEASES, etiology/ COLITIS,
ULCERATIVE, complications/ ENGLISH
ABSTRACT/ HUMAN/ MYXEDEMA,
complications/ *NOMENCLATURE/
POLYCHONDritis, RELAPSING, diagnosis/
SARCOIDOSIS, complications/ SJOGREN'S
SYNDROME, complications/ SPONDYLITIS,
ANKYLOSING, complications/ THYROIDITIS,
complications/ URETHRITIS, complications/
VASCULAR DISEASES, complications
1760. Hardt N: Generalisierte eosinophile Granulomatose
mit Kieferbefall und endokrinen Störungen.
ZWR 83:525-8, 10 Jun 74 (Ger)
DIABETES INSIPIDUS, etiology/ *ENDOCRINE
DISEASES, etiology/ *EOSINOPHILIC
GRANULOMA, complications/ HUMAN/ *JAW
DISEASES, etiology/ MALE/ PELVIS,
radiography/ SKULL, radiography
1761. Hardy JC: La fibrose retroperitoneale. Essai de
synthese et diagnostic differentiel.
Acta Urol Belg 42:113-276, Apr 74 (423 ref.) (Fre)
ADRENAL GLANDS, anatomy & histology/
ANGIOGRAPHY/ DIAGNOSIS,
DIFFERENTIAL/ DIAPHRAGM, embryology/
ENGLISH ABSTRACT/ GASTROINTESTINAL
DISEASES, etiology/ HUMAN/
HYPERTENSION, etiology/ INTESTINES,
embryology/ KIDNEY, anatomy & histology/
LYMPHOGRAPHY/ MICROSCOPY/
PROGNOSIS/ REMISSION/
*RETROPERITONEAL FIBROSIS/
RETROPERITONEAL FIBROSIS, diagnosis/
RETROPERITONEAL FIBROSIS, drug therapy/
RETROPERITONEAL FIBROSIS, etiology/
RETROPERITONEAL FIBROSIS, pathology/
RETROPERITONEAL FIBROSIS, radiography/
RETROPERITONEAL FIBROSIS, radiotherapy/
RETROPERITONEAL FIBROSIS, surgery/
RETROPERITONEAL SPACE, anatomy &
histology/ REVIEW/ URINARY TRACT,
pathology/ URINARY TRACT, radiography/
UROGRAPHY/ UROLOGIC DISEASES, etiology
1762. Hargis GK, Bowser EN, Henderson WJ, et al:
Radioimmunoassay of rat parathyroid hormone in
serum and tissue extracts.
Endocrinology 94:1644-9, Jun 74
ANIMAL EXPERIMENTS/ ANTIBODIES/
CALCIUM, blood/ CALCIUM,
pharmacodynamics/ CHICKENS/ DIET/ EDTA,
pharmacodynamics/ IODINE RADIOISOTOPES/
MALE/ NEPHRECTOMY/ PARATHYROID
GLANDS, analysis/ *PARATHYROID
HORMONE, analysis/ PARATHYROID
HORMONE, blood/ RADIOIMMUNOASSAY/
RATS
1763. Harrell LE, Raubeson R, Balagura S: Acceleration of
functional recovery following lateral hypothalamic
damage by means of electrical stimulation in the
lesioned areas. Physiol Behav 12:897-9, May 74
ANIMAL EXPERIMENTS/ BRAIN
CHEMISTRY/ DRINKING/ *EATING/
ELECTRIC STIMULATION/ ELECTRODES,
IMPLANTED/ FEEDING BEHAVIOR/
*HYPOTHALAMUS, physiology/ MALE/
NEURAL INTERCONNECTIONS/
NOREPINEPHRINE, metabolism/
STEREOTAXIC TECHNIQS
1764. Harris EJ, Wimbhurst JM: Ionophoric actions of
avenaciolide on mitochondrial cations.
Arch Biochem Biophys 162:426-35, Jun 74
ADENOSINE DIPHOSPHATE,
pharmacodynamics/ ADENOSINE
TRIPHOSPHATASE, metabolism/ BIOLOGICAL
TRANSPORT/ *CALCIUM, metabolism/
CHROMATOGRAPHY, ION EXCHANGE/
CITRATES, metabolism/ DICARBOXYLIC
ACIDS, metabolism/ DINITROPHENOLS,
pharmacodynamics/ EDTA, pharmacodynamics/
*FURANS, pharmacodynamics/ GLUTAMATES,
metabolism/ KINETICS/ *LACTONES,
pharmacodynamics/ *MAGNESIUM, metabolism/
MITOCHONDRIA, drug effects/
*MITOCHONDRIA, metabolism/ OLIGOMYCIN,
pharmacodynamics/ OXYGEN CONSUMPTION,
drug effects/ POTASSIUM, metabolism/
SPECTROMETRY, FLUORESCENCE/
SPECTROPHOTOMETRY/ TIME FACTORS/
ULTRASONICS
1765. Harris HL, Zalik SE: Studies on the surface of chick
blastoderm cells. 3. Calcium binding to ionogenic
sites. J Cell Physiol 83:359-68, Jun 74
AGE FACTORS/ *BINDING SITES, drug
effects/ CALCIUM, metabolism/ *CALCIUM,
pharmacodynamics/ CELL SEPARATION/
CHICK EMBRYO/ COMPARATIVE STUDY/
CYTOLOGICAL TECHNIQS/ EDTA/
ELECTROPHORESIS/ ELECTROPHYSIOLOGY/
GERM LAYERS, metabolism/ *GERM
LAYERS, physiology/ TRYPSIN
1766. Harris JS, Heller RH: The detection of Klinefelter's
syndrome at birth. Clin Pediatr (Phila) 13:581-6, Jul 74
ANEUPLOIDY/ CELL NUCLEUS/
CRYPTORCHISM, diagnosis/ FOLLOW-UP
STUDIES/ GENETIC COUNSELING/ HUMAN/
*INFANT, NEWBORN, DISEASES, diagnosis/
KARYOTYPING/ *KLINEFELTER'S
SYNDROME, diagnosis/ MALE/ MASS
SCREENING/ METHODS/ PHENOTYPE/
PHYSICAL EXAMINATION/ TIME FACTORS
1767. Harrison DC: Editorial: The pharmacology and
therapeutic use of beta-adrenergic receptor blocking
drugs in cardiovascular disease. Drugs 7:1-7, 1974
ADRENERGIC BETA RECEPTOR
BLOCKADERS, adverse effects/ ADRENERGIC
BETA RECEPTOR BLOCKADERS, metabolism/
ADRENERGIC BETA RECEPTOR
BLOCKADERS, pharmacodynamics/
*ADRENERGIC BETA RECEPTOR
BLOCKADERS, therapeutic use/
ALPRENOLOL, pharmacodynamics/ ANGINA
PECTORIS, drug therapy/ ANGINA
PECTORIS, prevention & control/
ARRHYTHMIA, drug therapy/
*CARDIOVASCULAR DISEASES, drug therapy/
HUMAN/ HYPERTENSION, drug therapy/
HYPERTENSION, physiopathology/
HYPERTHYROIDISM, drug therapy/
METABOLISM, drug effects/ MYOCARDIAL
INFARCT, drug therapy/ PARASYMPATHETIC
NERVOUS SYSTEM, physiopathology/
PROPRANOLOL, therapeutic use/
RECEPTORS, ADRENERGIC, drug effects/
RESPIRATION, drug effects/
STEREISOIMERS
1768. Harrison PC: Spectrum influence on extraretinal
control of daily oviposition cycles.
Poult Sci 53:560-4, Mar 74
ANIMAL EXPERIMENTS/ *CHICKENS,
physiology/ *CIRCADIAN RHYTHM/ COPPER/
FEMALE/ HOUSING, ANIMAL/
*OVIPOSITION/ PHOTORECEPTORS,
physiology/ PINEAL BODY, physiology/
SULFATES/ TIME FACTORS
1769. Harrison PC, Casey JM, Adair RL, et al: Fluctuation of
hypothalamic luteinizing hormone releasing hormone
and pituitary gonadotropins in laying and non-laying
hens. Poult Sci 53:554-9, Mar 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ *CHICKENS, physiology/ CIRCADIAN
RHYTHM/ FEMALE/ GONADOTROPINS,
PITUITARY, analysis/ *GONADOTROPINS,
PITUITARY, secretion/ HYPOTHALAMUS,
analysis/ *HYPOTHALAMUS, secretion/ LH,
blood/ LH-FSH RELEASING HORMONE,
analysis/ *LH-FSH RELEASING HORMONE,
secretion/ MALE/ METHODS/ *OVIPOSITION/
PHOSPHORUS RADIOISOTOPES/ PITUITARY
GLAND, analysis/ RATS/ TESTIS, metabolism
1770. Harrison RG, Wolf J: Local actions of prostaglandins on
the microvasculature of the hamster cheek pouch.
Bibl Anat 12:458-8, 1973
ADMINISTRATION, TOPICAL/ ANIMAL

AUTHOR SECTION

- EXPERIMENTS/ CHEEK, blood supply/
CONstriction/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ DRUG
INTERACTIONS/ FEMALE/ HAMSTERS/
*MICROCIRCULATION, drug effects/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics/
*VASOMOTOR SYSTEM, drug effects
1771. Harrison V, Peat G: Fetal growth in relation to vaginal cytology. *Acta Cytol* (Baltimore) 18:210-4, May-Jun 74
BIRTH WEIGHT/ CELL NUCLEUS/
EOSINOPHILS/ ESTROGENS, analysis/
FEMALE/ *FETAL DISEASES, diagnosis/
FETAL DISEASES, pathology/ *FETUS,
growth & development/ GESTATIONAL AGE/
HUMAN/ HYALINE MEMBRANE DISEASE,
diagnosis/ LEUKOCYTES/ PRENATAL
DIAGNOSIS/ PROGESTERONE, analysis/
*VAGINAL SMEARS
1772. Hartley TF, Dawson JB, Hodgkinson A: Simultaneous measurement of Na, K, Ca, Mg, Cu and Zn balances in man. *Clin Chim Acta* 52:321-33, 17 May 74
AUTOANALYSIS/ BONE DISEASES,
metabolism/ *CALCIUM, metabolism/
COMPARATIVE STUDY/ *COPPER,
metabolism/ EVALUATION STUDIES/ FECES,
analysis/ FEMALE/ FOOD ANALYSIS/
GASTROINTESTINAL DISEASES, metabolism/
HUMAN/ *MAGNESIUM, metabolism/ MALE/
MATHEMATICS/ METHODS/ PEPTIC ULCER,
metabolism/ *POTASSIUM, metabolism/
*SODIUM, metabolism/
SPECTROPHOTOMETRY, ATOMIC
ABSORPTION/ TIME FACTORS/ *ZINC,
metabolism
1773. Hartmann F, Meissner HJ:
Plasmacortisolgehalt nach intraartikulärer
Injektion des Überstandes oder des Gesamthaltens
von Decortin-H-Kristallsuspensionen.
Verh Dtsch Ges Inn Med 79:1419-22, 1973 (Ger)
ADULT/ AGED/ CIRCADIAN RHYTHM/
HUMAN/ *HYDROCORTISONE, blood/
INJECTIONS, INTRA-ARTICULAR/ MALE/
MIDDLE AGE/ *PREDNISOLONE,
pharmacodynamics/ TIME FACTORS
1774. Hartmann W, Goebell H, Beneke G, et al:
Rezidivierende Cholestase nach Ovulationshemmern
bei primär sklerosierender Cholangitis.
Verh Dtsch Ges Inn Med 79:964-7, 1973 (Ger)
ADULT/ CASE REPORT/ *CHOLANGITIS,
complications/ *CHOLESTASIS, chemically
induced/ *CONTRACEPTIVES, ORAL, adverse
effects/ DRUG HYPERSENSITIVITY, etiology/
FEMALE/ HUMAN
1775. Hartwig HG, Zimmermann F: Morphometrische
Studien an optischen und neuroendokrinen Zentren
nach einseitiger Blendung.
Verh Anat Ges 87:317-9, 1972 (Ger)
ANIMAL EXPERIMENTS/ BIOMETRY/ CELL
NUCLEUS/ FROGS/ GENICULATE BODIES/
*HYPOTHALAMUS/ MEDULLA OBLONGATA/
RANA TEMPORARIA/ *RETINAL
DETACHMENT/ *VISUAL PATHWAYS
1776. Hashimoto K, Kubota K: Positive chronotropic effect
of ouabain in the excised and blood-perfused canine
SA node preparation of the dog.
Naunyn Schmiedeberg Arch Pharmacol 281:357-70, 26
Feb 74
ACETYLCHOLINE, pharmacodynamics/
ALPRENOLOL, pharmacodynamics/ ANIMAL
EXPERIMENTS/ ATROPINE,
pharmacodynamics/ CALCIUM, metabolism/
DOGS/ ELECTROCARDIOGRAPHY/
ELECTRODES/ GLUCAGON,
pharmacodynamics/ HEART ARREST,
chemically induced/ *HEART RATE, drug
effects/ MANGANESE, pharmacodynamics/
NOREPINEPHRINE, pharmacodynamics/
*OUABAIN, pharmacodynamics/ PERFUSION/
PROPRANOLOL, pharmacodynamics/
RESERPINE, pharmacodynamics/
*SINO-ATRIAL NODE, drug effects/
SINO-ATRIAL NODE, metabolism/
STIMULATION, CHEMICAL/ TETRODOTOXIN,
pharmacodynamics/ TYRAMINE,
pharmacodynamics
1777. Hashizume T, Kato Y, Kumamoto Y, et al: Genetically
significant dose from beam therapy in Japan, 1971.
Health Phys 26:449-59, May 74
COBALT RADIOISOTOPES/ ELECTRONS/
FEMALE/ *GONADS/ HUMAN/ JAPAN/
MALE/ *RADIATION DOSAGE/ *RADIATION
GENETICS/ RADIOISOTOPE THERAPY/
*RADIOTHERAPY/ RADIOTHERAPY, HIGH
ENERGY
1778. Hasson HM: Open laparoscopy: a report of 150 cases.
J Reprod Med 12:234-8, Jun 74
ABCESS, etiology/ ANESTHESIA, GENERAL/
BURNS, etiology/ ENDOCRINE DISEASES,
diagnosis/ ENDOCRINE DISEASES, surgery/
FEMALE/ *GYNECOLOGIC DISEASES,
diagnosis/ HEMORRHAGE, etiology/ HUMAN/
INTRAUTERINE DEVICES/ *LAPAROSCOPY,
instrumentation/ MENSTRUATION
DISORDERS, diagnosis/ MENSTRUATION
DISORDERS, surgery/ METHODS/ OBESITY,
complications/ PAIN/ PNEUMOPERITONEUM,
ARTIFICIAL/ POSTOPERATIVE
COMPLICATIONS/ PSYCHOSES, etiology/
STERILITY, FEMALE, diagnosis/ STERILITY,
FEMALE, surgery/ *STERILIZATION, TUBAL/
SURGICAL WOUND INFECTION
1779. Hata N, Miura M: [Proceedings: 303. The effect of the
fastigial pressor response on ADH secretion (author's
transl)] *J Physiol Soc Jap* 35:510, Aug-Sep 73 (Jap)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/
CAROTID ARTERIES, physiology/
*CEREBELLAR NUCLEI, physiology/
ELECTRIC STIMULATION/ NEURONS,
physiology/ *VASOPRESSIN, secretion
1780. Hatfield JS, Millard WJ, Smith CJ: Short-term
influence of intra-ventromedial hypothalamic
administration of insulin on feeding in normal and
diabetic rats.
Pharmacol Biochem Behav 2:223-6, Mar-Apr 74
*ALLOXAN DIABETES, physiopathology/
ANIMAL EXPERIMENTS/ *APPETITE
REGULATION, drug effects/
CATHETERIZATION/ COMPARATIVE STUDY/
EATING/ GLUCOSE, metabolism/
*HYPOTHALAMUS, physiology/ INSULIN,
administration & dosage/ *INSULIN,
pharmacodynamics/ MALE/ RATS/ TIME
FACTORS
1781. Haubrich DR, Wedeking FW, Wang FF: Increase in
tissue concentration of acetylcholine in guinea pigs in
vivo induced by administration of choline.
Life Sci 14:921-7, 1 Mar 74
*ACETYLCHOLINE, metabolism/ *ADRENAL
GLANDS, drug effects/ *ADRENAL GLANDS,
metabolism/ ANIMAL EXPERIMENTS/ BRAIN,
drug effects/ *BRAIN, metabolism/
CHOLINE, pharmacodynamics/ COMPARATIVE
STUDY/ GUINEA PIGS/ KIDNEY, drug
effects/ *KIDNEY, metabolism/ LIVER, drug
effects/ *LIVER, metabolism/ LUNG, drug
effects/ *LUNG, metabolism/ MALE/
*MYOCARDIUM, metabolism/ ORGAN
SPECIFICITY
1782. Hauck G, Spann W: [Driving ability as influenced by
various drugs] *Med Klin* 69:525-9, 29 Mar 74 (4 ref.)
ADRENAL CORTEX HORMONES, adverse
effects/ ALCOHOL DRINKING/ ANALEPTICS,
adverse effects/ ANALGESICS AND
ANTIPYRETICS, adverse effects/
ANTIHISTAMINICS, adverse effects/
ANTHYPERTENSIVE AGENTS, adverse
effects/ APPETITE DEPRESSANTS, adverse
effects/ *AUTOMOBILE DRIVING/ DRUG
INTERACTIONS/ HUMAN/ REVIEW/
TRANQUILIZING AGENTS, adverse effects
1783. Haug M: L'urine d'une femelle allaitante contient une
phéromone stimulant l'agressivité de petits groupes
de souris femelles.
C R Acad Sci [D] (Paris) 277:2053-6, 12 Nov 73 (Fre)
*AGGRESSION/ CASTRATION/ FEMALE/

AUTHOR SECTION

*LACTATION/ *MICE, physiology/ ODORS/
*PHEROMONES, urine

1784. Hauptfeld V, Hauptfeld M, Klein J: Tissue distribution of I region-associated antigens in the mouse. *J Immunol* 113:181-8, Jul 74

ANIMAL EXPERIMENTS/ ANTIBODY SPECIFICITY/ BONE MARROW CELLS, immunology/ CROSSING OVER (GENETICS)/ CYCLOPHOSPHAMIDE, pharmacodynamics/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ GRAFT REJECTION/ HEMADSORPTION/ *HISTOCOMPATIBILITY ANTIGENS/ HYDROCORTISONE, pharmacodynamics/ IMMUNE SERUMS/ *LYMPH NODES, immunology/ MICE/ MICE, INBRED STRAINS/ SKIN, transplantation/ SPLEEN, cytology/ *SPLEEN, immunology/ THYMUS GLAND, immunology/ TRANSPLANTATION, HOMOLOGOUS

1785. Haus AG, Collins PA, Rossmann K: A method of measuring image degradation in tomography. *Acta Hepatogastroenterol (Stuttg)* 19:219-20, Jun 72
BONE AND BONES, radiography/
COMPARATIVE STUDY/ METHODS/ MODELS, STRUCTURAL/ *TECHNOLOGY, RADIOLOGIC/ *TOMOGRAPHY, RADIOGRAPHIC

1786. Hauser J: Néphropathie chronique héréditaire avec surdité et atteinte oculaire.

Schweiz Med Wochenschr 104:767-72, 25 May 74 (Fre)
ALPORT'S SYNDROME, etiology/ *ALPORT'S SYNDROME, familial & genetic/ ALPORT'S SYNDROME, urine/ AMINO ACIDS, urine/ CATARACT, familial & genetic/ CHRONIC DISEASE/ CROSSING OVER (GENETICS)/ DEAFNESS, familial & genetic/ FEMALE/ FUNDUS OCULI/ GENOTYPE/ HUMAN/ MALE/ METABOLISM, INBORN ERRORS, complications/ MYOPIA, familial & genetic/ NYSTAGMUS, familial & genetic/ SEX CHROMOSOMES/ SEX FACTORS

1787. Hausmann E: Potential pathways for bone resorption in human periodontal disease.

J Periodontol 45:338-43, May 74
ALVEOLAR PROCESS, metabolism/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ BIOLOGICAL ASSAY/ BONE AND BONES, metabolism/ *BONE RESORPTION, metabolism/ BRADYKININ/ CALCIUM ISOTOPES, metabolism/ CELL DIFFERENTIATION/ DENTAL PLAQUE, enzymology/ DENTAL PLAQUE, immunology/ DENTAL PLAQUE, metabolism/ DENTAL PLAQUE, microbiology/ ENDOTOXINS/ HEPARIN CO-FACTOR/ HISTAMINE/ HYDROLYSIS/ IN VITRO/ OSTEOCLASTS/ OSTEOLYSIS, ESSENTIAL/ PERIODONTAL DISEASES, enzymology/ PERIODONTAL DISEASES, immunology/ *PERIODONTAL DISEASES, metabolism/ PROSTAGLANDINS

1788. Haussler MR, Zerwekh JE, Hesse RH, et al: Biological activity of 1alpha-hydroxycholecalciferol, a synthetic analog of the hormonal form of vitamin D3.

Proc Natl Acad Sci USA 70:2248-52, Aug 73
ANIMAL EXPERIMENTS/ BONE AND BONES, drug effects/ BONE AND BONES, metabolism/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CHEMISTRY/ CHICKENS/ CHOLECALCIFEROL, pharmacodynamics/ DIHYDROXYCHOLECALCIFEROLS, pharmacodynamics/ *HYDROXYCHOLECALCIFEROL, pharmacodynamics/ INTESTINES, drug effects/ *INTESTINES, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRUCTURE-ACTIVITY RELATIONSHIP

1789. Haustein KO: Studies on cardioactive steroids. I. Structure-activity relationships on the isolated atrium. *Pharmacology* 11:117-26, 1974

ACETYLATION/ ADENOSINE TRIPHOSPHATASE, metabolism/ ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARRHYTHMIA, chemically induced/ CARDANOLIDES, pharmacodynamics/

CARDIAC GLYCOSIDES, pharmacodynamics/ GLYCOSIDES/ GUINEA PIGS/ *HEART, drug effects/ HEART ATRIUM, drug effects/ HEART ATRIUM, enzymology/ *HEART RATE, drug effects/ HYDROXYLATION/ IN VITRO/ POTASSIUM/ SODIUM/ *STEROIDS, pharmacodynamics/ STIMULATION, CHEMICAL/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS

1790. Havers W, Bohlmann HG: Angeborenes Neuroblastom in beiden Nebennieren.

Med Klin 69:635-6, 12 Apr 74 (Ger)
*ADRENAL GLAND NEOPLASMS, congenital/ ADRENAL GLAND NEOPLASMS, pathology/ AUTOPSY/ BONE MARROW EXAMINATION/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIVER NEOPLASMS/ NEOPLASM METASTASIS/ *NEUROBLASTOMA, congenital/ NEUROBLASTOMA, pathology

1791. Havivi E, Tal R: Effect of vitamin A deficiency on several bone parameters in chicks.

Int J Vitam Nutr Res 44:8-13, 1974
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ATAXIA, etiology/ BODY WEIGHT/ BONE AND BONES, metabolism/ *BONE AND BONES, pathology/ BONE RESORPTION/ *CALCIUM, metabolism/ *CHICKENS, physiology/ FEMUR, pathology/ TIBIA, pathology/ VITAMIN A DEFICIENCY, complications/ VITAMIN A DEFICIENCY, metabolism/ *VITAMIN A DEFICIENCY, pathology

1792. Hawkins RD, Chang J: Behavioral measurement of the neural refractory periods for stimulus-bound eating and self-stimulation in the rat.

J Comp Physiol Psychol 86:942-6, May 74
ANIMAL EXPERIMENTS/ CONDITIONING, OPERANT/ *EATING/ ELECTRIC STIMULATION/ FEEDING BEHAVIOR/ FEMALE/ FOOD DEPRIVATION/ *HUNGER/ HYPOTHALAMUS, physiology/ MALE/ *NEURAL CONDUCTION/ *NEURONS, physiology/ RATS/ REFRACTORY PERIOD, NEUROLOGIC/ REWARD/ *SELF STIMULATION

1793. Hawtrey CE, Williams JJ, Schmidt JD: Cystitis emphysematosa. *Urology* 3:612-4, May 74

ABDOMEN, radiography/ ADULT/ ASPIRIN, administration & dosage/ ASPIRIN, therapeutic use/ CEPHALEXIN, therapeutic use/ CYSTITIS, complications/ CYSTITIS, drug therapy/ *CYSTITIS, radiography/ CYSTOSCOPY/ DIABETES MELLITUS, complications/ DIABETES MELLITUS, drug therapy/ DIABETES MELLITUS, therapy/ DIABETIC DIET/ EMPHYSEMA, drug therapy/ *EMPHYSEMA, radiography/ FEMALE/ HEMATURIA, etiology/ HUMAN/ HYPOTHYROIDISM, complications/ HYPOTHYROIDISM, drug therapy/ INSULIN, therapeutic use/ TABLETS, ENTERIC-COATED/ THYROID HORMONES, therapeutic use/ URINARY TRACT INFECTIONS, complications/ URINATION DISORDERS, etiology

1794. Hay GG, Jolley DJ: Letter: The Capgras syndrome. *Br J Psychiatry* 124:314-5, Mar 74

*DELUSIONS, etiology/ HUMAN/ PSEUDOHYPARATHYROIDISM, complications/ *PSYCHOSES, etiology/ *SHOCK THERAPY, ELECTRIC/ SYNDROME

1795. Hayaishi O: [Bacterial enzymology: adenylate cyclase] *Jap J Bacteriol* 29:30, Jan 74 (Jap)

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ADENOSINE TRIPHOSPHATE, metabolism/ *ADENYL CYCLASE, biosynthesis/ *BREVIBACTERIUM, enzymology

1796. Hayashi K, Nishikawa M, Lee W, et al: Action of estrogenised uterine RNA on ovum implantation. *Endocrinol Jap* 20:517-25, Oct 73

ANIMAL EXPERIMENTS/ CASTRATION/ CENTRIFUGATION, DENSITY GRADIENT/

AUTHOR SECTION

- DNA, biosynthesis/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ FEMALE/ *NIDATION, drug effects/ OVUM, cytology/ PROGESTERONE, pharmacodynamics/ RNA, analysis/ *RNA, pharmacodynamics/ STIMULATION, CHEMICAL/ THYMIDINE, metabolism/ TRITIUM/ UTERUS, analysis/ UTERUS, cytology
1797. Hayden GE: The incidence of unsuspected asymptomatic thrombophlebitis of pelvic veins associated with hysterectomy. Am J Obstet Gynecol 119:396-400, 1 Jun 74
ADNEXITIS, complications/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ DIATHESIS/ ENDOMETRIOSIS, complications/ FEMALE/ HUMAN/ *HYSTERECTOMY/ LEIOMYOMA, occurrence/ MIDDLE AGE/ OVARY, blood supply/ *PELVIS, blood supply/ POSTOPERATIVE COMPLICATIONS/ PROSPECTIVE STUDIES/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, occurrence/ UTERINE NEOPLASMS, occurrence
1798. Hayes HM Jr, Fraumeni JF Jr: Chemodectomas in dogs: epidemiologic comparisons with man. J Natl Cancer Inst 52:1455-8, May 74
ADENOMA, occurrence/ ADENOMA, veterinary/ AGE FACTORS/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ DISGERMINOMA, occurrence/ DISGERMINOMA, veterinary/ *DOG DISEASES, occurrence/ DOGS/ HEMANGIOMA, occurrence/ HEMANGIOMA, veterinary/ HUMAN/ LEYDIG CELL TUMOR, occurrence/ LEYDIG CELL TUMOR, veterinary/ NEOPLASMS, MULTIPLE PRIMARY, occurrence/ NEOPLASMS, MULTIPLE PRIMARY, veterinary/ PARANGANGLIOMA, NONCHROMAFFIN, familial & genetic/ PARANGANGLIOMA, NONCHROMAFFIN, occurrence/ *PARANGANGLIOMA, NONCHROMAFFIN, veterinary/ SEX FACTORS/ TESTICULAR NEOPLASMS, occurrence/ TESTICULAR NEOPLASMS, veterinary/ THYROID NEOPLASMS, occurrence/ THYROID NEOPLASMS, veterinary
1799. Haynes RL, Glück B: Hypothalamic control of sexual behavior in the chicken. Poult Sci 53:27-38, Jan 74
ANIMAL EXPERIMENTS/ BODY WEIGHT/ BRAIN, anatomy & histology/ *CHICKENS, physiology/ COMB AND WATTLES, anatomy & histology/ EGGS/ FEMALE/ FERTILITY/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ INJECTIONS, INTRAMUSCULAR/ INSEMINATION, ARTIFICIAL/ MALE/ ORGAN WEIGHT/ SEMEN, cytology/ *SEX BEHAVIOR, ANIMAL/ SPERMATOGENESIS/ SPERMATOZOA, cytology/ TESTIS, anatomy & histology/ TESTOSTERONE, administration & dosage/ TESTOSTERONE, pharmacodynamics/ THYROID GLAND, anatomy & histology
1800. Hayward P, Shire JG: Proceedings: Genes on the Y-chromosome control the size of the testes of adult mice. J Endocrinol 61:18-9, Apr 74
ANIMAL EXPERIMENTS/ *GENES/ HYBRIDIZATION/ MALE/ MICE/ MICE, INBRED CBA/ ORGAN WEIGHT/ *SEX CHROMOSOMES/ SPERMATOGENESIS/ *TESTIS, growth & development
1801. Heath RG, Cox AW, Lustick LS: Brain activity during emotional states. Am J Psychiatry 131:858-62, Aug 74
AFFECT/ AFFECTIVE DISTURBANCES, psychopathology/ ALPHA RHYTHM/ ANIMAL EXPERIMENTS/ AROUSAL/ *BRAIN, physiology/ BRAIN, psychopathology/ BRAIN MAPPING/ CEREBRAL CORTEX, physiology/ ELECTRODES, IMPLANTED/ *ELECTROENCEPHALOGRAPHY/ *EMOTIONS/ EUPHORIA/ FEMALE/ HUMAN/ HYPOTHALAMUS, physiology/ LIMBIC SYSTEM, physiology/ PAIN/ STEREOTAXIC TECHNIQS/ THALAMUS, physiology
1802. Heaton FW, Humphray HP: Effect of magnesium status on thyroid activity and iodide metabolism. J Endocrinol 61:53-61, Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ DIET/ *IODIDES, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ KIDNEY, analysis/ LIVER, analysis/ *MAGNESIUM, blood/ MALE/ PROTEIN-BOUND IODINE TEST/ RATS/ THYROID GLAND, analysis/ *THYROID GLAND, physiology/ THYROID HORMONES, secretion
1803. Hebert CS, Rouse D, Eknoyan G, et al: Decreased phosphate reabsorption by volume expansion in the dog. Kidney Int 2:247-52, Nov 72
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CALCIUM, blood/ *CALCIUM, metabolism/ CAPILLARY PERMEABILITY/ EXTRACELLULAR SPACE, physiology/ FEMALE/ *KIDNEY, physiology/ KIDNEY GLOMERULUS, metabolism/ KIDNEY TUBULES, anatomy & histology/ KIDNEY TUBULES, metabolism/ MALE/ *PARATHYROID GLANDS, physiology/ PHOSPHATES, blood/ *PHOSPHATES, metabolism/ PHOSPHATES, urine/ *SODIUM, metabolism
1804. Hecht K, Choinowski S, Hecht T, et al: Adaptationsmechanismen in zerebralen und kardiovaskulären Regulationsprozessen von Alvinoratten unter dem Einfluss von stufenweise gesteigertem motorischem Training. Acta Biol Med Ger 31:327-40, 1973 (Ger)
*ADAPTATION, PHYSIOLOGICAL/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ BODY WEIGHT/ *CARDIOVASCULAR SYSTEM, physiology/ CATECHOLAMINES, biosynthesis/ *CENTRAL NERVOUS SYSTEM, physiology/ CEREBRAL CORTEX, physiology/ CONDITIONING, CLASSICAL/ ENGLISH ABSTRACT/ EPINEPHRINE, biosynthesis/ *EXERTION/ HYPOTHALAMUS, physiology/ LEARNING/ MALE/ MEDULLA OBLONGATA, physiology/ MYOCARDIUM, metabolism/ ORGAN WEIGHT/ PARASYMPATHETIC NERVOUS SYSTEM, physiology/ RATS/ STRESS/ SYMPATHETIC NERVOUS SYSTEM, physiology/ TIME FACTORS
1805. Hedner U, Nilsson IM: Antithrombin-3 in a clinical material. Bibl Anat 12:267-71, 1973
*ANTITHROMBIN/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ KIDNEY DISEASES, blood/ LIVER CIRRHOSIS, blood/ MALE/ MYOCARDIAL INFARCT, blood/ NEOPLASMS, blood/ SURGERY, OPERATIVE/ THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, etiology
1806. Hedqvist P: Restriction of transmitter release from adrenergic nerves mediated by prostaglandins and alpha-adrenoreceptors. Pol J Pharmacol Pharm 26:119-25, Jan-Apr 74
ANIMAL EXPERIMENTS/ ANTHRANILIC ACID, pharmacodynamics/ ELECTRIC STIMULATION/ FEMALE/ INDOMETHACIN, pharmacodynamics/ JEJUNUM/ MALE/ MUSCLE CONTRACTION/ NOREPINEPHRINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ *RECEPTORS, ADRENERGIC, drug effects/ SYMPATHETIC NERVOUS SYSTEM/ TOLUENE, pharmacodynamics/ TRITIUM/ VAS DEFERENS
1807. Heesen D, Fricke U, Mies U, et al: Wachstumshormonsekretion und Hypophysenfunktion vor und nach 90Yttriumimplantation bei Akromegalie. Verh Dtsch Ges Inn Med 79:1243-5, 1973 (Ger)
ACROMEGALY, blood/ *ACROMEGALY, radiography/ ADULT/ FEMALE/ HUMAN/

AUTHOR SECTION

MALE/ *RADIOISOTOPES/ SOMATOTROPIN,
blood/ *SOMATOTROPIN, secretion/
*YTTRIUM ISOTOPES

1808. Hehrmann R, Schneider C: Der Radioimmunoassay für Trijodthyronin und Thyroxin im Serum und seine Anwendung bei Hyperthyreosen.

Radiologe 14:156-60, Apr 74 (Ger)

ANTIBODIES, analysis/ BINDING,
COMPETITIVE/ HUMAN/
*HYPERTHYROIDISM, blood/
HYPERTHYROIDISM, immunology/ IODINE
ISOTOPES, DIAGNOSTIC/ METHODS/
PROTEIN BINDING/ *RADIOIMMUNOASSAY/
*THYROXINE, blood/ *TRIIODOTHYRONINE,
blood

1809. Heidebreder E, Heidland A: Untersuchungen zur Wirkung des Diphenylhydantolins auf die exokrine Pankreasfunktion.

Dtsch Med Wochenschr 99:958-60, May 74 (Ger)

AMYLASE, secretion/ ANIMAL
EXPERIMENTS/ ATROPINE,
pharmacodynamics/ CALCIUM, metabolism/
*DIPHENYLHYDANTOIN, pharmacodynamics/
ENGLISH ABSTRACT/ FEMALE/ LIPASE,
secretion/ MAGNESIUM, secretion/ MALE/
*PANCREAS, drug effects/ PANCREAS,
physiology/ PANCREAS, secretion/
PANCREATIC JUICE, analysis/ PROTEINS,
secretion

1810. Heidebreder E, Hennemann H, Heidland A: Hypercalcurie--Nephrocalcinose--Kalkilithiasis der Niere. Differentialdiagnose und Klinik des pathologischen renalen Calciumtransportes.

Dtsch Med Wochenschr 99:586-590, 22 Mar 74 (29 ref.) (Ger)

*CALCIUM, urine/ CALCIUM METABOLISM
DISORDERS, complications/ *CALCIUM
METABOLISM DISORDERS, diagnosis/
CALCIUM METABOLISM DISORDERS,
etiology/ CALCIUM METABOLISM
DISORDERS, immunology/
CHOLECALCIFEROL, adverse effects/
CUSHING'S SYNDROME, complications/
DIAGNOSIS, DIFFERENTIAL/ FANCONI
SYNDROME, complications/ FRACTURES,
complications/ GLOMERULAR FILTRATION
RATE/ HUMAN/ HYPERCALCEMIA, etiology/
HYPERPARATHYROIDISM, complications/
HYPERTHYROIDISM, complications/ *KIDNEY
CALCULI, diagnosis/ KIDNEY CALCULI,
etiology/ *NEPHROCALCINOSIS, diagnosis/
NEPHROCALCINOSIS, etiology/ OSTETIS
DEFORMANS, complications/ OSTEOPOROSIS,
complications/ PARATHYROID HORMONE,
analysis/ REVIEW/ SARCOIDOSIS,
complications

1811. Heidebreder E, Rückel A, Heidland A: Niere und Calciummetabolismus. Physiologie und Pathologie der renalen Calciumexkretion.

Dtsch Med Wochenschr 99:537-41, 15 Mar 74 (40 ref.) (Ger)

ANIMAL EXPERIMENTS/ CALCITONIN,
metabolism/ CALCIUM, blood/ *CALCIUM,
metabolism/ CALCIUM, urine/ CALCIUM
METABOLISM DISORDERS, etiology/
CHOLECALCIFEROL, metabolism/ DIURETICS,
metabolism/ EXTRACELLULAR SPACE,
metabolism/ GLOMERULAR FILTRATION
RATE/ GLOMERULONEPHRITIS, metabolism/
GLOMERULONEPHRITIS, urine/
HYPERCALCEMIA, diagnosis/
HYPERCALCEMIA, metabolism/
HYPERCALCEMIA, urine/ *KIDNEY,
metabolism/ KIDNEY CONCENTRATING
ABILITY/ KIDNEY DISEASES, complications/
KIDNEY FAILURE, CHRONIC, metabolism/
METABOLIC CLEARANCE RATE/
MINERALOCORTICOIDS, metabolism/
PARATHYROID HORMONE, metabolism/
REVIEW/ SODIUM, metabolism

1812. Hellman KM, Fisher WR: Hyperlipidemic dementia.

Arch Neurol 31:67-8, Jul 74

CASE REPORT/ CHOLESTEROL, blood/
*CLOFIBRATE, therapeutic use/ DEMENTIA,
PRESENILE, blood/ *DEMENTIA, PRESENILE,

etiology/ DEMENTIA, PRESENILE, therapy/
*DIABETES MELLITUS, complications/
DIABETES MELLITUS, therapy/ DIABETIC
DIET/ DIET THERAPY/ FEMALE/ HUMAN/
HYPERLIPEMIA, blood/ *HYPERLIPEMIA,
complications/ HYPERLIPEMIA, therapy/
INSULIN, ISOPHANE, therapeutic use/
INTELLIGENCE TESTS/ MEMORY/ THYROID
HORMONES, therapeutic use/
TRIGLYCERIDES, blood

1813. Heimpel H: Aplastische und hypoplastische Knochenmarkerkrankungen.

Med Klin 69:404-11, 8 Mar 74 (30 ref.) (Ger)

ANEMIA, APLASTIC, diagnosis/ ANEMIA,
APLASTIC, pathology/ ANTINEOPLASTIC
AGENTS, adverse effects/ BLOOD
TRANSFUSION/ BONE MARROW, radiation
effects/ BONE MARROW CELLS,
transplantation/ *BONE MARROW DISEASES/
BONE MARROW DISEASES, chemically
induced/ BONE MARROW DISEASES,
diagnosis/ BONE MARROW DISEASES,
etiology/ BONE MARROW DISEASES,
pathology/ BONE MARROW DISEASES,
therapy/ DIAGNOSIS, DIFFERENTIAL/
HUMAN/ *RADIATION INJURIES/ REVIEW/
STEROIDS, therapeutic use/
TRANSPLANTATION, HOMOLOGOUS

1814. Heinrichs HR, Milde K, Junkers K, et al: Untersuchungen zum Testosteronspiegel im Plasma männlicher Patienten unter chronischer Hämodialysebehandlung.

Verh Dtsch Ges Inn Med 79:734-8, 1973 (Ger)

ADULT/ *HEMODIALYSIS/ HUMAN/ KIDNEY,
transplantation/ KIDNEY FAILURE, CHRONIC,
blood/ MALE/ MIDDLE AGE/
*TESTOSTERONE, blood/
TRANSPLANTATION, HOMOLOGOUS

1815. Heilmann CW, Malencik DA, Fischer EH: Generation of parvalbumin-like proteins from troponin.

Biochem Biophys Res Commun 57:162-8, 15 Mar 74

*ALBUMINS/ ANIMAL EXPERIMENTS/
CALCIUM, analysis/ CALCIUM, metabolism/
CROSS REACTIONS/ DRUG STABILITY/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ GEL DIFFUSION TESTS/ GEL
FILTRATION/ MACROMOLECULAR
SYSTEMS/ MOLECULAR WEIGHT/ *MUSCLE
PROTEINS/ MUSCLES, metabolism/
RECEPTORS, DRUG/ SHARKS/
SPECTROPHOTOMETRY, ATOMIC
ABSORPTION/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ TIME FACTORS

1816. Helander HF, Bloom GD: Quantitative analysis of mast cell structure. J Microsc (Oxf) 100:315-21, Apr 74

ANIMAL EXPERIMENTS/ CELL MEMBRANE/
CELL NUCLEUS/ CYTOPLASMIC GRANULES/
HEPARIN/ HISTAMINE/ MALE/ *MAST
CELLS, cytology/ METHODS/ *MICROSCOPY/
*MICROSCOPY, ELECTRON/ MITOCHONDRIA/
MODELS, STRUCTURAL/ PERITONEUM,
cytology/ RATS, INBRED STRAINS/
SEROTONIN

1817. Helleiner CW, Huh TY, Sangster SM: Satellites and rapidly reassociating fractions in the DNA of Gadidae (codfishes).

Comp Biochem Physiol [B] 48:11-24, 15 May 74

ANIMAL EXPERIMENTS/ BINDING SITES/
CENTRIFUGATION, DENSITY GRADIENT/
COMPARATIVE STUDY/ *DNA, metabolism/
*FISHES/ GENOTYPE/ HEAT/ KINETICS/
MALE/ MOLECULAR WEIGHT/ NUCLEIC
ACID DENATURATION/ NUCLEIC ACID
RENATURATION/ PEPTIDE HYDROLASES/
SPECIES SPECIFICITY/
SPECTROPHOTOMETRY, ULTRAVIOLET/
TESTIS, analysis/ TIME FACTORS

1818. Hellewell AB, Beljan JR, Goldman M: Effect of chronic administration of glucocorticoid (prednisolone) on the rate of healing of experimental osseous defects.

Clin Orthop 100:349-55, May 74

ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ CHICKENS/
DENSITOMETRY/ ELEMENTARY PARTICLES/

AUTHOR SECTION

- FRACTURES, drug therapy/ IODINE
RADIOISOTOPES/ MALE/ NUCLEAR
PHYSICS/ OSTEOTOMY/ PREDNISOLONE,
administration & dosage/ *PREDNISOLONE,
pharmacodynamics/ PREDNISOLONE,
therapeutic use/ *WOUND HEALING, drug
effects
1819. Hellström I, Hellström KE, Warner GA: Increase of lymphocyte-mediated tumor-cell destruction by certain patient sera. *Int J Cancer* 12:348-53, 15 Sept 73
*ADENOCARCINOMA, immunology/
*ANTILYMPHOCYTE SERUM,
pharmacodynamics/ BREAST NEOPLASMS,
immunology/ *CELL TRANSFORMATION,
NEOPLASTIC/ CELLS, CULTURED/
CULTURE MEDIA/ CYTOTOXICITY TESTS,
IMMUNOLOGIC/ FEMALE/ HUMAN/
*IMMUNITY, CELLULAR/ *LYMPHOCYTES,
immunology/ MALE/ *MELANOMA,
immunology/ OVARIAN NEOPLASMS,
immunology/ *SARCOMA, immunology
1820. Helmchen U, Kneissler U, Peters G: Disturbances of the control of renin secretion in chronic one-kidney-Goldblatt hypertension in the rat. *Pfluegers Arch* 348:197-204, 22 Apr 74
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/
CONSTRICTION/ DISEASE MODELS,
ANIMAL/ FUROSEMIDE, pharmacodynamics/
*HYPERTENSION, RENAL, enzymology/
KIDNEY, physiology/ MALE/ NEPHRECTOMY/
RENAL ARTERY/ RENIN, blood/ *RENIN,
secretion/ TIME FACTORS
1821. Helme RD, Lemkey-Johnston N, Smith GC: Proceedings: Effect of monosodium-l-glutamate on the median eminence of rats and mice. *J Anat* 116:466, Dec 73
AMINES, analysis/ ANIMAL EXPERIMENTS/
FLUORESCENCE/ GLUTAMATES,
administration & dosage/ *GLUTAMATES,
pharmacodynamics/ HISTOCYTOCHEMISTRY/
*HYPOTHALAMO-HYPOPHYSAL SYSTEM,
drug effects/ INJECTIONS, SUBCUTANEOUS/
MICE/ NEURONS, drug effects/ RATS
1822. Hemenway WG: Relationship of pathology to function in congenital hearing loss. I. The pathology of congenital hearing loss. *Audiology* 11:322-9, Sep-Dec 72
CHROMOSOMES, HUMAN, 16-18/ COCHLEA,
abnormalities/ DEAF-MUTISM, pathology/
DEAFNESS, congenital/ *DEAFNESS,
pathology/ EAR CANAL, abnormalities/ EAR
OSSICLES, abnormalities/ FEMALE/ GOITER,
pathology/ HUMAN/ IODINE, metabolism/
MALE/ MANDIBULOFACIAL DYSOSTOSIS,
pathology/ RUBELLA, congenital/ RUBELLA,
pathology/ TRISOMY/ WAARDENBURG'S
SYNDROME, pathology
1823. Hemmati S, Hase T: Significance of microvascular changes in development of stress ulcer. *Gastroenterology* 66:1269-71, Jun 74
ANIMAL EXPERIMENTS/ *ISCHEMIA,
complications/ NOREPINEPHRINE, adverse
effects/ RATS/ *STOMACH, blood supply/
STOMACH ULCER, chemically induced/
*STOMACH ULCER, etiology/ STOMACH
ULCER, physiopathology/ STOMACH ULCER,
prevention & control/ STRESS, complications/
SYMPATHETIC NERVOUS SYSTEM,
physiopathology/ VASOPRESSIN, administration
& dosage
1824. Henderson F, Crocker CL: A profile of adolescents in a family planning center. *J Natl Med Assoc* 66:239-41 passim, May 74
ADOLESCENCE/ *ADOLESCENCE/ ADULT/
CHILD/ CONTRACEPTION/
CONTRACEPTIVES, ORAL, adverse effects/
CONTRACEPTIVES, ORAL, pharmacodynamics/
DISTRICT OF COLUMBIA/ *FAMILY
PLANNING/ FEMALE/ FERTILIZATION, drug
effects/ HUMAN/ INTRAUTERINE DEVICES,
adverse effects/ PREGNANCY
1825. Henderson IC, Loeb JN: Hormone-induced changes in liver DNA synthesis: effects of glucocorticoids and growth hormone on liver growth and DNA polymerase activity. *Endocrinology* 94:1637-43, Jun 74
ANIMAL EXPERIMENTS/ BODY WEIGHT,
drug effects/ COMPARATIVE STUDY/
CORTISONE, administration & dosage/
*CORTISONE, pharmacodynamics/ *DNA,
biosynthesis/ *DNA NUCLEOTIDYL-
TRANSFERASES, metabolism/ LIVER, drug
effects/ LIVER, enzymology/ *LIVER,
metabolism/ MALE/ RATS/ SOMATOTROPIN,
administration & dosage/ *SOMATOTROPIN,
pharmacodynamics/ THYMIDINE, metabolism/
TIME FACTORS/ TRITIUM
1826. Henderson IW, Wales NA: Renal diuresis and antidiuresis after injections of arginine vasotocin in the freshwater eel (*Anguilla anguilla* L.). *J Endocrinol* 61:487-500, Jun 74
ANIMAL EXPERIMENTS/ ARGININE/ BLOOD
PRESSURE, drug effects/ CARBON
RADIOISOTOPES/ DEPRESSION, CHEMICAL/
*DIURESIS, drug effects/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ *EELS, physiology/
GLOMERULAR FILTRATION RATE, drug
effects/ INULIN, blood/ KIDNEY, drug
effects/ KIDNEY TUBULES, metabolism/
OSMOLAR CONCENTRATION/ SODIUM,
urine/ SPECTRUM ANALYSIS/ *VASOTOCIN,
pharmacodynamics/ WATER, metabolism
1827. Henkind P, Gold DH: Ocular manifestations of rheumatic disorders. Natural and iatrogenic. *Rheumatology* 4:13-59, 1973 (125 ref.)
ADRENAL CORTEX HORMONES, adverse
effects/ ARTERITIS, complications/
ARTHRITIS, JUVENILE RHEUMATOID,
complications/ ARTHRITIS, RHEUMATOID,
complications/ CHLOROQUINE,
adverse effects/ CONJUNCTIVITIS, etiology/
DERMATOMYOSITIS, complications/ *EYE
DISEASES, chemically induced/ *EYE
MANIFESTATIONS/ GLAUCOMA, chemically
induced/ GOLD, adverse effects/ HUMAN/
HYDROXYCHLOROQUINE, adverse effects/
*IATROGENIC DISEASE/ INDOMETHACIN,
adverse effects/ KERATITIS, etiology/ LUPUS
ERYTHEMATOSUS, SYSTEMIC, complications/
PERIARTERITIS NODOSA, complications/
POLYMYALGIA RHEUMATICA, complications/
RETINAL DISEASES, etiology/ REVIEW/
*RHEUMATISM, complications/ SCLERA/
SCLERODERMA, SYSTEMIC, complications/
SJOGREN'S SYNDROME, complications/
SPONDYLITIS, ANKYLOSING, complications/
UVEITIS, etiology/ WEGENER'S
GRANULOMATOSIS, complications
1828. Hennam JF, Collins WF: A cost reductive method for the radioimmunoassay of plasma androstenedione. A comparison of antisera and the effects of chromatography. *Acta Endocrinol (Kbh)* 76:597-607, Jul 74
AMMONIUM SULFATE/ *ANDROSTENEDIONE,
blood/ AZO COMPOUNDS/ CALCIUM/
COMPARATIVE STUDY/ CROSS REACTIONS/
ETHERS/ EVALUATION STUDIES/ GEL
FILTRATION/ HUMAN/ IMMUNE SERUMS/
METHODS/ *RADIOIMMUNOASSAY/ SERUM
ALBUMIN, BOVINE/ SUCCINATES/
SULFATES/ TRITIUM
1829. Henney CS: On the mechanism of T-cell mediated cytotoxicity. *Transplant Rev* 17:37-70, 1973 (99 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ANIMAL EXPERIMENTS/
*ANTIGEN-ANTIBODY REACTIONS, drug
effects/ ANTIGENIC DETERMINANTS/ CELL
MEMBRANE, immunology/ COLCHICINE,
pharmacodynamics/ CYTOCHALASIN B,
pharmacodynamics/ *CYTOTOXICITY TESTS,
IMMUNOLOGIC/ DEPRESSION, CHEMICAL/
EDTA, pharmacodynamics/
HISTOCOMPATIBILITY ANTIGENS/
HISTOCOMPATIBILITY TESTING/
*IMMUNITY, CELLULAR/ ISOANTIBODIES/
ISOANTIGENS/ ISOPROTERENOL,
pharmacodynamics/ KINETICS/ LYMPHOCYTE
TRANSFORMATION/ LYMPHOTOXIN,
analysis/ PROSTAGLANDINS,

AUTHOR SECTION

pharmacodynamics/ REVIEW/
THEOPHYLLINE, pharmacodynamics

1830. Hennig W, Meyer GF, Hennig I, et al: Structure and function of the Y chromosome of *Drosophila* hydei. Cold Spring Harbor Symp Quant Biol 38:673-83, 1973
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ CELL NUCLEUS/
CHROMATIDS/ CHROMOSOME
ABERRATIONS/ DNA, analysis/
*DROSOPHILA, cytology/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ GENES/ MALE/
MEIOSIS/ MICROSCOPY, ELECTRON/
NUCLEIC ACID HYBRIDIZATION/ RNA,
analysis/ RNA, RIBOSOMAL, analysis/ *SEX
CHROMOSOMES/ SPERMATOGENESIS/
SPERMATOZOA, cytology/ TESTIS, analysis/
TRANSCRIPTION, GENETIC
1831. Henning HV, Gloth R, Scheler F: Zur Stoffwechselwirkung der Vitamin-D3-Hormone: in vitro-Effekt des 25-Hydroxycholecalciferols (25-HCC) auf die Gluconeogenese der Nierenrinde der Ratte aus Pyruvat. Verh Dtsch Ges Inn Med 79:678-81, 1973 (Ger)
ANIMAL EXPERIMENTS/
*GLUCONEOGENESIS, drug effects/
*HYDROXYCHOLECALCIFEROL,
pharmacodynamics/ *KIDNEY CORTEX, drug effects/ KIDNEY CORTEX, metabolism/
PYRUVATES, metabolism/ RATS
1832. Henriksson P, Håkansson L, Sandahl B: A liveborn triploid infant. Acta Paediatr Scand 63:447-9, May 74
ABNORMALITIES, MULTIPLE/ AUTOPSY/
BIRTH WEIGHT/ *CHROMOSOME
ABERRATIONS/ CRYPTORCHISM/ FEMALE/
GESTATIONAL AGE/ HUMAN/ *INFANT,
PREMATURE/ INTESTINES, abnormalities/
KARYOTYPING/ MALE/ *POLYPOIDY/
*SEX CHROMOSOME ABNORMALITIES,
pathology/ SYNDACTYLIA
1833. Henry SC, Walsh PC, Rotner MB: Choriocarcinoma of the testis. J Urol 112:105-8, Jul 74
ACTINOMYCIN, therapeutic use/
*ANTINEOPLASTIC AGENTS, therapeutic use/
CHLORAMBUCIL, therapeutic use/
*CHORIOCARCINOMA, drug therapy/
CHORIOCARCINOMA, radiotherapy/
CYCLOPHOSPHAMIDE, therapeutic use/
DIETHYLSTILBESTROL, therapeutic use/
DRUG THERAPY, COMBINATION/
GONADOTROPINS, CHORIONIC, urine/
HUMAN/ LUNG NEOPLASMS, radiography/
MALE/ MEDROXYPROGESTERONE,
therapeutic use/ METHOTREXATE,
therapeutic use/ *TESTICULAR NEOPLASMS,
drug therapy/ TESTICULAR NEOPLASMS,
radiotherapy/ UROGRAPHY
1834. Hensby CN: Reduction of prostaglandin E2 to prostaglandin F2alpha by an enzyme in sheep blood. Biochim Biophys Acta 348:145-54, 26 Apr 74
ANIMAL EXPERIMENTS/ *BLOOD CELLS,
enzymology/ CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, THIN LAYER/
HYDROGEN-ION CONCENTRATION/ *KETONE
OXIDOREDUCTASES, blood/ KINETICS/
OXIDATION-REDUCTION/
PROSTAGLANDINS, blood/ SHEEP/
SPECTRUM ANALYSIS, MASS/
STRUCTURE-ACTIVITY RELATIONSHIP/
TEMPERATURE/ TRITIUM
1835. Henschel V, Jaminet F: Etude comparative de l'activité vasoconstrictrice de préparations renfermant des corticostéroïdes topiques. J Pharm Belg 29:3-15, Jan-Feb 74 (Fre)
ADMINISTRATION, TOPICAL/
BETAMETHASONE, administration & dosage/
BETAMETHASONE, metabolism/
*BETAMETHASONE, pharmacodynamics/
COMPARATIVE STUDY/ DEXAMETHASONE,
administration & dosage/ DEXAMETHASONE,
metabolism/ *DEXAMETHASONE,
pharmacodynamics/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ KETOSTEROIDS,
administration & dosage/ KETOSTEROIDS,
metabolism/ KETOSTEROIDS,
pharmacodynamics/ MALE/
PREGNADIENETRIOLS, administration &
dosage/ PREGNADIENETRIOLS, metabolism/
*PREGNADIENETRIOLS, pharmacodynamics/
SKIN ABSORPTION/ SOLUBILITY/
STEROIDS, FLUORINATED, administration &
dosage/ STEROIDS, FLUORINATED,
metabolism/ STEROIDS, FLUORINATED,
pharmacodynamics/ VASOCONSTRICTOR
AGENTS, administration & dosage/
VASOCONSTRICTOR AGENTS, metabolism/
*VASOCONSTRICTOR AGENTS,
pharmacodynamics/ VEHICLES
1836. Herbaczynska-Cedro K, Staszewska-Barczak J, Janczewska H: The release of prostaglandin-like substances during reactive and functional hyperemia in the hind leg of the dog. Pol J Pharmacol Pharm 26:167-70, Jan-Apr 74
ANIMAL EXPERIMENTS/ CHICKENS/
COLON/ EXERTION/ FEMORAL ARTERY,
physiology/ GALLAMINE TRIETHIODIDE,
pharmacodynamics/ HINDLIMB/ *HYPEREMIA/
INDOMETHACIN, pharmacodynamics/ MUSCLE
CONTRACTION/ *MUSCLES, physiology/
*PROSTAGLANDINS, secretion/ RECTUM/
STOMACH
1837. Herberg L, Berger M, Gries FA: Comparative investigations on lipolysis and re-esterification in adipose tissue of man and various species of mice. Comp Biochem Physiol [A] 48:163-73, 1 May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ADIPOSE TISSUE, drug effects/
*ADIPOSE TISSUE, metabolism/
ADULT/ ANIMAL EXPERIMENTS/
COMPARATIVE STUDY/ CORTICOTROPIN,
pharmacodynamics/ EPIDIDYMIS/ FASTING/
FATTY ACIDS, metabolism/ FATTY ACIDS,
NONESTERIFIED, metabolism/ GENETIC
CODE/ GLUCAGON, pharmacodynamics/
GLYCERIN, metabolism/ HUMAN/ *LIPID
MOBILIZATION, drug effects/ *LIPIDS,
metabolism/ MALE/ MICE, INBRED STRAINS/
NOREPINEPHRINE, pharmacodynamics/
OBESITY, familial & genetic/ OBESITY,
metabolism/ SKIN/ SPECIES SPECIFICITY/
THEOPHYLLINE, pharmacodynamics
1838. Herlitz H, Hultborn R: A microspectrophotometric technique for determination of respiration in comparison to the Cartesian diver method. Respiratory activity of rat corpus luteum cells with reference to substrate. Acta Physiol Scand 90:594-601, Mar 74
ANIMAL EXPERIMENTS/ CARBON DIOXIDE,
metabolism/ COMPARATIVE STUDY/
*CORPUS LUTEUM, metabolism/ GEL
FILTRATION/ HEMOGLOBIN, metabolism/
HYDROXIDES, metabolism/ MANOMETRY/
METHODS/ MICROMANIPULATION/
OXALOACETATES, metabolism/ *OXYGEN
CONSUMPTION/ RATS/
SPECTROPHOTOMETRY/ SUCCINATES,
metabolism
1839. Herman EH, Lee IP, Mhatre RM, et al: Prevention of hemolysis induced by ellipticine (NSC-71795) in rhesus monkeys. Cancer Chemother Rep 58:171-9, Mar-Apr 74
*ALKALOIDS, pharmacodynamics/ ANIMAL
EXPERIMENTS/ *ANTINEOPLASTIC AGENTS,
pharmacodynamics/ BLOOD PRESSURE, drug effects/
BUFFERS/ CALCIUM, metabolism/
*CARBAZOLES, pharmacodynamics/ CAROTID
ARTERIES, drug effects/ CITRATES,
pharmacodynamics/ DEPRESSION, CHEMICAL/
DOSE-RESPONSE RELATIONSHIP, DRUG/
EDTA, pharmacodynamics/
ELECTROCARDIOGRAPHY/ ERYTHROCYTES,
drug effects/ HEART RATE, drug effects/
*HEMOLYSIS, drug effects/ MACACA/ MALE/
MONKEYS/ POLYVINYLPIRROLIDONE,
pharmacodynamics/ PYRIDINES,
pharmacodynamics/ REGIONAL BLOOD FLOW,
drug effects/ RESPIRATION, drug effects/
TIME FACTORS
1840. Hermesmeier M, Hrubesch M, Wessels F, et al: Das Verhalten des ionisierten Kalziums und des

AUTHOR SECTION

- Parathormons bei chronischer Niereninsuffizienz vor und im Hämodialysestadium.
Med Welt 25:936-8, 24 May 74 (Ger)
*CALCIUM, metabolism/ HEMODIALYSIS/
HUMAN/ *KIDNEY FAILURE, CHRONIC,
metabolism/ *PARATHYROID HORMONE,
biosynthesis/ TIME FACTORS
1841. Hermreck AS, Berg RA, Ruhlen JR: The polyuria of sepsis. Surg Forum 23:53-5, 1972
ALDOSTERONE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ DEXTRAN, administration &
dosage/ DIURESIS/ *INFECTION,
complications/ *POLYURIA, etiology/
VASOPRESSIN, pharmacodynamics
1842. Hernandez FJ, Fernandez BB: Mucus-secreting colonic carcinoid tumors: light- and electron-microscopic study of three cases.
Dis Colon Rectum 17:387-96, May-Jun 74
AGED/ *CARCINOID TUMOR, pathology/
*CARCINOMA, MUCINOUS, pathology/
CELLULAR INCLUSIONS/ CHROMAFFIN
SYSTEM, pathology/ *COLONIC NEOPLASMS,
pathology/ CYTOPLASM/ FEMALE/ HUMAN/
MALE/ MICROSCOPY, ELECTRON/ MIDDLE
AGE/ *NEOPLASMS, MULTIPLE PRIMARY,
pathology/ STAINS AND STAINING
1843. Herr N, Goulian D Jr: Review of diastrophic dwarfism associated with cleft palate--presentation of a case.
Cleft Palate J 11:229-34, Apr 74
CHILD, PRESCHOOL/ *CLEFT PALATE,
surgery/ DIAGNOSIS, DIFFERENTIAL/
*DWARFISM, diagnosis/ FEMALE/ HUMAN/
INFANT/ SYNDROME
1844. Herrenkohl LR, Rosenberg FA: Effects of hypothalamic deafferentation late in gestation on lactation and nursing behavior in the rat.
Horm Behav 5:33-41, Mar 74
ANIMAL EXPERIMENTS/ *BEHAVIOR,
ANIMAL, drug effects/ BREAST FEEDING/
FEMALE/ GESTATIONAL AGE/
*HYPOTHALAMUS, physiology/ INJECTIONS,
SUBCUTANEOUS/ *LACTATION, drug effects/
*MATERNAL BEHAVIOR, drug effects/
NEURAL INTERCONNECTIONS/ NEURONS,
AFFERENT, physiology/ OXYTOCIN,
administration & dosage/ OXYTOCIN,
pharmacodynamics/ PREGNANCY/ RATS/
TIME FACTORS
1845. Herrenkohl LR, Sachs BD: Proceedings: Sensory regulation of maternal behavior in mammals.
Physiol Behav 9:889-92, Oct 72
ANIMAL EXPERIMENTS/ FEMALE/
LACTATION/ *MAMMALS, physiology/
*MATERNAL BEHAVIOR/ *SENSATION
1846. Herrera Pombo JL, Ruiz-Valdepeñas MP, Arrieta F, et al: Bocio congénito hipotiroideo por defecto de peroxidasa. Estudio de dos casos.
Rev Clin Esp 133:71-6, 15 Apr 74 (Spa)
DIAGNOSIS, DIFFERENTIAL/ FEMALE/
*GOITER, congenital/ GOITER, enzymology/
HUMAN/ *HYPOTHYROIDISM, congenital/
HYPOTHYROIDISM, enzymology/ MALE/
*METABOLISM, INBORN ERRORS,
complications/ *PEROXIDASES
1847. Herrmann J, Hilger P, Rusche HJ, et al: Plasmapherese in der Behandlung der thyreotoxischen Krise.
Dtsch Med Wochenschr 99:888-92, 26 Apr 74 (Ger)
ARRHYTHMIA, etiology/ BLOOD VOLUME/
ENGLISH ABSTRACT/ EVALUATION
STUDIES/ FEMALE/ HUMAN/
*PLASMAPHERESIS/ THYROID CRISIS,
blood/ THYROID CRISIS, complications/
THYROID CRISIS, physiopathology/ *THYROID
CRISIS, therapy/ THYROXINE, blood/
THYROXINE-BINDING PROTEIN/
TRIIODOTHYRONINE, blood/
UNCONSCIOUSNESS, etiology
1848. Herrmann J, Rusche HJ, Kröll HJ, et al: Free triiodothyronine (t3)- and thyroxine (t4) serum levels in old age. Horm Metab Res 6:239-40, May 74
AGING/ HUMAN/ *THYROXINE, blood/
THYROXINE, metabolism/
- *TRIIODOTHYRONINE, blood/
TRIIODOTHYRONINE, metabolism
1849. Herschman BR, Ross MM: Papillary cystadenoma within the testis. Am J Clin Pathol 61:724-9, May 74
AUTOPSY/ CYSTADENOMA, PAPILLARY,
complications/ CYSTADENOMA, PAPILLARY,
etiology/ *CYSTADENOMA, PAPILLARY,
pathology/ CYTOPLASM/ EDEMA, etiology/
EPITHELIAL CELLS/ EPITHELIUM,
pathology/ HUMAN/ LUNG NEOPLASMS,
complications/ MALE/ MIDDLE AGE/ PAIN,
etiology/ PLEURAL EFFUSION, etiology/
PLEURAL EFFUSION, pathology/ SCROTUM,
pathology/ SURGERY, OPERATIVE, adverse
effects/ TESTICULAR NEOPLASMS,
complications/ TESTICULAR NEOPLASMS,
etiology/ *TESTICULAR NEOPLASMS,
pathology
1850. Hersh EM, Freireich EJ: Editorial: Focus on cutaneous host-defense failure in transplant recipients.
JAMA 229:457-8, 22 Jul 74
AZATHIOPRINE, therapeutic use/ *GRAFT
REJECTION/ GRAFT REJECTION, drug
effects/ HERPES SIMPLEX, etiology/ HERPES
ZOSTER, etiology/ HUMAN/ IMMUNITY,
CELLULAR, drug effects/
IMMUNOSUPPRESSIVE AGENTS,
administration & dosage/
*IMMUNOSUPPRESSIVE AGENTS, adverse
effects/ IMMUNOSUPPRESSIVE AGENTS,
pharmacodynamics/ IMMUNOSUPPRESSIVE
AGENTS, therapeutic use/ *KIDNEY,
transplantation/ METHODS/ PHAGOCYTOSIS,
drug effects/ POSTOPERATIVE
COMPLICATIONS, prevention & control/
PREDNISONE, therapeutic use/ SKIN
NEOPLASMS, chemically induced/ TIME
FACTORS/ TRANSPLANTATION,
HOMOLOGOUS/ *TRANSPLANTATION
IMMUNOLOGY/ WOUND INFECTION, etiology
1851. Hershey HV, Taylor JH: DNA replication in eucaryotic nuclei. Evidence suggesting a specific model of replication. Exp Cell Res 85:79-88, 30 Mar 74
AMINO ACIDS, metabolism/
BROMODEOXYURIDINE, pharmacodynamics/
CARBON RADIOISOTOPES/ CELL LINE/
*CELL NUCLEUS, metabolism/ CELLS,
CULTURED/ CENTRIFUGATION, DENSITY
GRADIENT/ CHROMATOGRAPHY/
COMPARATIVE STUDY/ *DNA, biosynthesis/
*DNA REPLICATION/ DNA, SINGLE
STRANDED, biosynthesis/ FEMALE/
FLUORODEOXYURIDINE, pharmacodynamics/
HAMSTERS/ HYDROXYAPATITE/ MODELS,
BIOLOGICAL/ NUCLEIC ACID
DENATURATION/ OVARY/ THYMINE
NUCLEOTIDES, metabolism/ TIME FACTORS/
TRITIUM
1852. Hertelendy F, Keay L: Studies on growth hormone secretion. VI. Effects of dibutyl cyclic AMP, prostaglandin E1, and indomethacin on growth and hormone secretion by rat pituitary tumor cells in culture. Prostaglandins 6:217-25, 10 May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
biosynthesis/ ANIMAL EXPERIMENTS/ CELL
DIVISION, drug effects/ CELL LINE/ CELL
SURVIVAL, drug effects/ CELLS,
CULTURED/ DEPRESSION, CHEMICAL/
DIBUTYRYL CYCLIC AMP, administration &
dosage/ DIBUTYRYL CYCLIC AMP,
metabolism/ *DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ *INDOMETHACIN,
pharmacodynamics/ IODINE RADIOISOTOPES/
*PITUITARY NEOPLASMS, metabolism/
*PROSTAGLANDINS, pharmacodynamics/
RADIOIMMUNOASSAY/ RATS/
*SOMATOTROPIN, metabolism/
STIMULATION, CHEMICAL/ TIME FACTORS/
TRYPSIN, pharmacodynamics
1853. Hertelendy F, Yeh M, Biellier HV: Induction of oviposition in the domestic hen by prostaglandins. Gen Comp Endocrinol 22:529-31, Apr 74
ANIMAL EXPERIMENTS/ ARACHIDONIC
ACID, pharmacodynamics/ *CHICKENS,

AUTHOR SECTION

- physiology/ FEMALE/ *OVIPOSITION, drug effects/ *PROSTAGLANDINS, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS
1854. Herwig KR, Schteingart DE: Successful removal of adrenal remnant localized by 131-I-iodocholesterol. J Urol 111:713-4, Jun 74
*ADRENAL GLANDS, pathology/ ADRENALECTOMY/ ADULT/ *CHOLESTEROL, diagnostic use/ *CUSHING'S SYNDROME, diagnosis/ CUSHING'S SYNDROME, pathology/ CUSHING'S SYNDROME, surgery/ FEMALE/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *RADIOISOTOPE SCANNING/ RECURRENCE
1855. Herzheimer A: Letter: Corticosteroids in Guillain-Barré syndrome. Lancet 1:1284, 22 Jun 74
ADRENAL CORTEX HORMONES, adverse effects/ *ADRENAL CORTEX HORMONES, therapeutic use/ COMPARATIVE STUDY/ HUMAN/ POLYRADICULITIS, complications/ *POLYRADICULITIS, drug therapy/ TIME FACTORS
1856. Herzog KA, Putman CE: Pulmonary blastoma. Br J Radiol 47:286-8, May 74
CARCINOMA, OAT CELL, radiography/ CARCINOSARCOMA, pathology/ *CARCINOSARCOMA, radiography/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ LUNG NEOPLASMS, pathology/ *LUNG NEOPLASMS, radiography/ LUNG NEOPLASMS, surgery/ MIDDLE AGE/ NEPHROBLASTOMA, radiography/ SPIROMETRY
1857. Hesch RD: Behandlung des hyperkalzämischen Hyperparathyreoidismus. Med Klin 69:714-5, 19 Apr 74 (Ger)
*CALCITONIN, therapeutic use/ HEMODIALYSIS/ HUMAN/ HYPERCALCEMIA, drug therapy/ HYPERCALCEMIA, etiology/ *HYPERPARATHYROIDISM, complications/ *PHOSPHATES, therapeutic use
1858. Hesch RD: Prüfung der Schilddrüsenfunktion. Dtach Med Wochenschr 99:720-1, 5 Apr 74 (Ger)
HUMAN/ PROTEIN-BOUND IODINE TEST/ THYROID GLAND FUNCTION TESTS/ THYROXINE, blood
1859. Hess ML, Ford GD: Calcium accumulation by subcellular fractions from vascular smooth muscle. J Mol Cell Cardiol 6:275-82, Jun 74
ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ AORTA, cytology/ AORTA, drug effects/ *AORTA, metabolism/ AZIDES, pharmacodynamics/ BINDING SITES/ BIOLOGICAL TRANSPORT/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CALCIUM RADIOISOTOPES/ COMPARATIVE STUDY/ KINETICS/ MITOCHONDRIA, MUSCLE, drug effects/ MITOCHONDRIA, MUSCLE, metabolism/ MUSCLE, SMOOTH, drug effects/ *MUSCLE, SMOOTH, metabolism/ OXALATES, pharmacodynamics/ RECEPTORS, DRUG/ SARCOPLASMIC RETICULUM, metabolism/ SPECTROPHOTOMETRY/ TIME FACTORS
1860. Hess O: Local structural variations of the Y chromosome of *Drosophila hydei* and their correlation to genetic activity. Cold Spring Harbor Symp Quant Biol 38:663-71, 1973
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CHROMOSOME MAPPING/ *DROSOPHILA, cytology/ EXTRACHROMOSOMAL INHERITANCE/ HETEROCHROMATIN/ MALE/ MEIOSIS/ SEX/ *SEX CHROMOSOMES/ SPERMATOGENESIS/ SPERMATOZOA, cytology
1861. Hewberry WE, Garrett ED, Alkire LT: Letter: Use of succinylcholine in castration of horses. J Am Vet Med Assoc 164:1161-2, 15 Jun 74
ANIMAL EXPERIMENTS/ *CASTRATION, veterinary/ *HORSES/ MALE/ *SUCCINYLCHOLINE/ SUCCINYLCHOLINE, adverse effects
1862. Heynen G, Franchimont P: Human calcitonin radioimmunoassay in normal and pathological conditions. Eur J Clin Invest 4:213-22, Jun 74
ANIMAL EXPERIMENTS/ *CALCITONIN, blood/ *CALCIUM METABOLISM DISORDERS, blood/ HUMAN/ HYPERCALCEMIA, blood/ HYPERPARATHYROIDISM, SECONDARY, blood/ HYPOCALCEMIA, blood/ METHODS/ RADIOIMMUNOASSAY
1863. Hidaka H, Asano T, Shibuya M, et al: Proceedings: Inhibition of platelet cyclic AMP phosphodiesterase and platelet aggregation. Jap J Pharmacol 24:Suppl:46, 1974
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ *BLOOD PLATELETS, enzymology/ *PHOSPHODIESTERASES, antagonists & inhibitors/ *PICOLINIC ACIDS, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ PYRIDINOLCARBAMATE, pharmacodynamics
1864. Hiebert JM, Egdahl RH: Cortisol responses to normotensive and hypotensive oligemia in unanesthetized primates. Surg Forum 23:69-72, 1972
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *BLOOD VOLUME/ CARDIAC OUTPUT/ FEMALE/ *HEMORRHAGE, physiopathology/ *HYDROCORTISONE, blood/ *HYPOTENSION, physiopathology/ MACACA/ MALE
1865. Higby DJ, Wallace HJ Jr, Albert D, et al: Diamminodichloroplatinum in the chemotherapy of testicular tumors. J Urol 112:100-4, Jul 74
ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *CHORIOCARCINOMA, drug therapy/ DIAMMONIUM CHLOROPLATINUM COMPOUNDS, administration & dosage/ DIAMMONIUM CHLOROPLATINUM COMPOUNDS, adverse effects/ *DIAMMONIUM CHLOROPLATINUM COMPOUNDS, therapeutic use/ *DISGERMINOMA, drug therapy/ DRUG EVALUATION/ HERPES ZOSTER, complications/ HUMAN/ KIDNEY, drug effects/ LIVER NEOPLASMS/ LUNG NEOPLASMS, radiography/ MALE/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ RADIOISOTOPE SCANNING/ REMISSION/ *TERATOID TUMOR, drug therapy/ *TESTICULAR NEOPLASMS, drug therapy/ THROMBOPENIA, chemically induced/ TIME FACTORS/ TINNITUS, chemically induced
1866. Highnam KC, Mordue AJ: Induced changes in neurosecretory activity of adult female *Schistocerca gregaria* in relation to feeding. Gen Comp Endocrinol 22:519-25, Apr 74
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *EATING/ FEMALE/ *GRASSHOPPERS, physiology/ HEMOLYMPH, analysis/ NEUROHUMORS, biosynthesis/ *NEUROSECRETION/ *NEUROSECRETORY SYSTEMS, physiology/ STARVATION/ TIME FACTORS
1867. Hilderson HJ, Dierick W: Absence of respiratory activity in bovine thyroid nuclei. Arch Int Physiol Biochim 81:921-3, Dec 73
ANIMAL EXPERIMENTS/ CATTLE/ CELL NUCLEUS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ IN VITRO/ MANOMETRY/ MITOCHONDRIA, metabolism/ *OXYGEN CONSUMPTION/ SUCROSE/ THYROID GLAND, cytology/ *THYROID GLAND, metabolism
1868. Hilderson HJ, Lagrou A, Dierick W: The nuclear lipids of bovine hypertrophic thyroid. Biochim Biophys Acta 337:385-9, 28 Mar 74
ANIMAL EXPERIMENTS/ CATTLE/ *CELL NUCLEUS, analysis/ CENTRIFUGATION, ZONAL/ CEPHALINS, analysis/ CERAMIDES, analysis/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, THIN LAYER/

AUTHOR SECTION

- COMPARATIVE STUDY/ GEL FILTRATION/ HYPERTROPHY, metabolism/ HYPERTROPHY, pathology/ LECITHINS, analysis/ *LIPIDS, analysis/ LIPIDS, metabolism/ PHOSPHOINOSITIDES, analysis/ PHOSPHOLIPIDS, analysis/ SPHINGOMYELINS, analysis/ *THYROID DISEASES, metabolism/ THYROID DISEASES, pathology/ *THYROID GLAND, analysis/ THYROID GLAND, cytology/ THYROID GLAND, pathology
1869. Hilderson HJ, Lagrou A, Dierick W: De lipiden in kernen van normale en hypertrofe runderschildklier. Arch Int Physiol Biochim 81:972, Dec 73 (Dut)
ANIMAL EXPERIMENTS/ CATTLE/ *CELL NUCLEUS, analysis/ CENTRIFUGATION, ZONAL/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, THIN LAYER/ DNA, analysis/ HYPERTROPHY/ LECITHINS, analysis/ *LIPIDS, analysis/ MEMBRANES, analysis/ PHOSPHOLIPIDS, analysis/ RNA, analysis/ SPHINGOMYELINS, analysis/ *THYROID GLAND, cytology
1870. Hilgard P, Hohage R, Schmitt W, et al: The possible role of platelets as trigger in intravascular coagulation associated with acute hyperparathyroidism. Acta Univ Carol [Med Monogr] (Praha) 53:427-32, 1972
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BLOOD PLATELETS, metabolism/ CALCIUM, blood/ CALCIUM, physiology/ *CARCINOMA 256, WALKER, blood/ COLLAGEN, pharmacodynamics/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ FEMALE/ FIBRINOGEN, analysis/ HYPERCALCEMIA, complications/ *HYPERPARATHYROIDISM, blood/ HYPERPARATHYROIDISM, complications/ NEOPLASM TRANSPLANTATION/ PARATHYROID HORMONE, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ RADIATION EFFECTS/ RATS/ SARCOMA, YOSHIDA, blood/ THROMBOPLASTIN, analysis/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS
1871. Hill DR, Crews QE Jr, Walsh PC: Prostate carcinoma: radiation treatment of the primary and regional lymphatics. Cancer 34:156-60, Jul 74
BIOPSY/ CASTRATION/ ESTROGENS, therapeutic use/ FOLLOW-UP STUDIES/ HUMAN/ LYMPHATIC METASTASIS/ MALE/ PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, mortality/ *PROSTATIC NEOPLASMS, radiotherapy/ PROSTATIC NEOPLASMS, surgery/ RADIOTHERAPY, adverse effects/ RADIOTHERAPY DOSAGE
1872. (Hill RT): Citation for the Ayerst Award for Distinguished Service in Endocrinology of The Endocrine Society for 1974 to G. Donald Wheden, M.D. Morris M. Graff, M.Sc. Robert Townner Hill, Ph.D., D.Sc. Endocrinology 95:334-8, Jul 74
*AWARDS AND PRIZES/ CURRENT BIOG-OBIT/ *ENDOCRINOLOGY/ UNITED STATES
1873. Hillier SG, Groom GV, Boyns AR, et al: Proceedings: Effect of active immunization against oestradiol-6-bovine serum albumin on circulating levels of oestradiol, testosterone, luteinizing hormone, follicle-stimulating hormone, prolactin and anti-oestradiol titre in the male rat. N Engl J Med 291:1111, 11 Jun 74
ANIMAL EXPERIMENTS/ *ANTIBODIES, analysis/ *ESTRADIOL/ ESTRADIOL, blood/ *FSH, blood/ IMMUNIZATION/ *LH, blood/ MALE/ *PROLACTIN, blood/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ *TESTOSTERONE, blood
1874. Hilton BP, Zilkha KJ: Effects of ergotamine and methysergide on blood platelet aggregation responses of migrainous subjects. J Neurol Neurosurg Psychiatry 37:593-7, May 74
BLOOD PLATELETS, analysis/ CEREBRAL ARTERIES, drug effects/ *ERGOTAMINE, therapeutic use/ HUMAN/ *METHYSERGIDE, therapeutic use/ *MIGRAINE, blood/ MIGRAINE, drug therapy/ *PLATELET ADHESIVENESS, drug effects/ RECEPTORS, DRUG/ *SEROTONIN, blood/ VASOCONSTRICTOR AGENTS, therapeutic use
1875. Hilzensauer G, Hofer H: Schmerzreaktionen und Wirkungsdauer von lokalen Betamethason-Injektionen. Wien Med Wochenschr 124:453-5, 6 Jul 74 (Ger)
*BETAMETHASONE, administration & dosage/ BETAMETHASONE, adverse effects/ BETAMETHASONE, therapeutic use/ FEMALE/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ JOINT DISEASES, drug therapy/ MALE/ *PAIN, chemically induced/ TIME FACTORS
1876. Himmelsbach H: Ovostat 22, ein neues orales kontraceptivum. Med Welt 25:106-8, 18 Jan 74 (Ger)
COMPARATIVE STUDY/ *CONTRACEPTIVES, ORAL, administration & dosage/ DRUG EVALUATION/ ETHINYL ESTRADIOL, administration & dosage/ FEMALE/ HUMAN/ LYNESTRENOL, administration & dosage/ OVULATION, drug effects
1877. Hind G, Nakatani HY, Izawa S: Light-dependent redistribution of ions in suspensions of chloroplast thylakoid membranes. Proc Natl Acad Sci USA 71:1484-8, Apr 74
BINDING SITES/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ CELL MEMBRANE, metabolism/ CHLORIDES, metabolism/ *CHLOROPLASTS, metabolism/ ENERGY TRANSFER/ HYDROGEN, metabolism/ HYDROGEN-ION CONCENTRATION/ ION EXCHANGE/ *LIGHT/ MAGNESIUM, metabolism/ *PHOTOSYNTHESIS/ POTASSIUM, metabolism/ SODIUM, metabolism
1878. Hinde RA: Medical Research Council Unit on the Development and Integration of Behaviour. Psychol Med 4:225-32, May 74
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ BRAIN, physiology/ CHILD BEHAVIOR/ COURTSHIP/ ENDOCRINE GLANDS, physiology/ ESTROGENS, pharmacodynamics/ FEMALE/ HORMONES, physiology/ HYPOTHALAMUS, physiology/ MACACA/ MALE/ MATERNAL BEHAVIOR/ MONKEYS/ MOTHER-CHILD RELATIONS/ NERVOUS SYSTEM, physiology/ PERIPHERAL NERVES, drug effects/ REPRODUCTION/ *SEX BEHAVIOR, ANIMAL/ SKIN, Innervation/ *SOCIAL BEHAVIOR/ TESTOSTERONE, physiology
1879. Hiness R, Josenhans G, Kuhlencordt F: Vergleichende Bestimmungen des Mineralgehaltes im Knochen bei entzündlichen und degenerativen Erkrankungen des Bewegungsapparates. Verh Dtsch Ges Rheumatol 3:171-3, 1974 (Ger)
*ARTHRITIS, RHEUMATOID, metabolism/ *BONE AND BONES, metabolism/ *BONE DISEASES, metabolism/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ FINGERS, metabolism/ HUMAN/ INTERVERTEBRAL DISK, metabolism/ *JOINT DISEASES, metabolism/ MALE/ *MINERALS, metabolism/ OSTEOCHONDROITIS, metabolism/ RADIUS, metabolism/ SPONDYLITIS, ANKYLOSING, metabolism
1880. Hinkle PM, Woroch EL, Tashjian AH Jr: Receptor-binding affinities and biological activities of analogs of thyrotropin-releasing hormone in prolactin-producing pituitary cells in culture. J Clin Invest 53:3085-90, Jun 74
CLONE CELLS/ MICROPORE FILTERS/ *OLIGOPEPTIDES, pharmacodynamics/ PITUITARY NEOPLASMS, metabolism/ *PROLACTIN, biosynthesis/ PROLINE,

AUTHOR SECTION

- metabolism/ PROTEIN BINDING/ RATS/
*RECEPTORS, HORMONE, drug effects/
SOMATOTROPIN, biosynthesis/
STEREISOMERS/ STRUCTURE-ACTIVITY
RELATIONSHIP/ THYROTROPIN RELEASING
HORMONE, metabolism/ *THYROTROPIN
RELEASING HORMONE, pharmacodynamics/
TRITIUM
1881. Hinsdale JG, Engel JJ, Wilson DE: Prostaglandin E in
peptic ulcer disease.
Prostaglandins 6:495-500, 25 Jun 74
CHROMATOGRAPHY/ DEPRESSION,
CHEMICAL/ *DUODENAL ULCER,
metabolism/ GASTRIC JUICE, analysis/
*GASTRIC JUICE, secretion/ HUMAN/
IMMUNE SERUMS/ METHODS/
PROSTAGLANDINS, analysis/
PROSTAGLANDINS, blood/
*PROSTAGLANDINS, metabolism/
PYRAZOLES, diagnostic use/ RABBITS,
immunology/ RADIOIMMUNOASSAY/ TRITIUM
1882. Hinterberger H, Wilcken DE: The effect of prolonged
glucagon infusions on the urinary excretion of
catecholamines and 4-hydroxy-3-methoxymandellic
acid and on adrenal medullary tissue levels of
catecholamines in patients with severe cardiac
disease. Clin Chim Acta 52:153-61, Apr 74
ADRENAL MEDULLA, drug effects/
*ADRENAL MEDULLA, metabolism/ ADULT/
AGED/ CHROMATOGRAPHY, THIN LAYER/
*DOPAMINE, metabolism/ DOPAMINE, urine/
*EPINEPHRINE, metabolism/ EPINEPHRINE,
urine/ FEMALE/ GLUCAGON, administration
& dosage/ *GLUCAGON, pharmacodynamics/
GLUCAGON, therapeutic use/ HEART
FAILURE, CONGESTIVE, drug therapy/
*HEART FAILURE, CONGESTIVE, metabolism/
HEART FAILURE, CONGESTIVE, urine/
HUMAN/ INFUSIONS, PARENTERAL/ MALE/
*MANDELIC ACID, metabolism/ MIDDLE
AGE/ *NOREPINEPHRINE, metabolism/
NOREPINEPHRINE, urine/
PROCHLORPERAZINE, therapeutic use/ TIME
FACTORS
1883. Hipkin LJ: Augmentation of the rat uterine weight
response to human chorionic gonadotrophin by
various steroids.
Acta Endocrinol (Kbh) 75:141-7, Jan 74
*ANDROGENS, pharmacodynamics/
ANDROSTENEDIONE, pharmacodynamics/
ANDROSTERONE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BODY WEIGHT/
CASTRATION/ DEHYDROEPIANDROSTERONE,
pharmacodynamics/ ESTRADIOL,
pharmacodynamics/ FEMALE/
GONADOTROPINS, CHORIONIC, metabolism/
*GONADOTROPINS, CHORIONIC,
pharmacodynamics/
HYDROXY-PREGNENOLONE,
pharmacodynamics/ ORGAN WEIGHT/ OVARY,
drug effects/ *PREGNENOLONE,
pharmacodynamics/ PROGESTERONE,
pharmacodynamics/ RATS/ STANOLONE,
pharmacodynamics/ STIMULATION,
CHEMICAL/ TESTOSTERONE,
pharmacodynamics/ *UTERUS, drug effects
1884. Hirabayashi T, Ferry SV: An immunochemical study of
the calcium ion-binding protein (troponin-C) and the
inhibitory protein (troponin-I) of the troponin
complex and their interaction.
Biochim Biophys Acta 351:273-89, 7 Jun 74
AMINO ACIDS, analysis/ ANIMAL
EXPERIMENTS/ ANTIBODIES/ BINDING
SITES/ CALCIUM/ CHICKENS/
COMPARATIVE STUDY/ EELS/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ FLUORESCENTS/ FLUORESCENT
ANTIBODY TECHNIQUE/ GEL DIFFUSION
TESTS/ GUINEA PIGS, immunology/
INDICATORS AND REAGENTS/
MACROMOLECULAR SYSTEMS/ *MUSCLE
PROTEINS/ MUSCLES/ MYOCARDIUM/
ORGAN SPECIFICITY/ PROTEIN BINDING/
SPECIES SPECIFICITY/
SPECTROPHOTOMETRY, ULTRAVIOLET/
THIOCYANATES
1885. Hirai M, Masubuchi Y, Shima S: Proceedings:
Pharmacology of reproduction. II. Evaluation of
prostaglandins on ovarian progestins by the intact and
hypophysectomized rats.
Jap J Pharmacol 24:Suppl:127, 1974
ANIMAL EXPERIMENTS/ FEMALE/
HYPOPHYSECTOMY/ *OVARY, drug effects/
OVARY, metabolism/ *PITUITARY GLAND,
physiology/ *PROGESTATIONAL HORMONES,
biosynthesis/ *PROSTAGLANDINS,
pharmacodynamics/ REPRODUCTION, drug
effects
1886. Hiramatsu Y, Kusunoki F, Miyasaka K, et al: The
transcellular fluid forming factor and renin in the
kidney of hypertensive or salt-loaded rats.
Jap Circ J 37:1433-7, Dec 73
ADRENAL GLANDS, physiology/ ANIMAL
EXPERIMENTS/ *ASCITIC FLUID, secretion/
ENZYME ACTIVATION/ FEMALE/
HYPERTENSION, enzymology/
HYPERTENSION, etiology/ *HYPERTENSION,
metabolism/ HYPERTENSION, RENAL,
metabolism/ *KIDNEY, metabolism/ KIDNEY
CORTEX, metabolism/ MALE/
NEPHRECTOMY/ *PLEURAL EFFUSION,
secretion/ *RENIN, analysis/ SODIUM
CHLORIDE
1887. Hiroi M: [Precocious puberty: gynecological aspect]
Cln Endocrinol (Tokyo) 22:200-2, Jan 74 (Jap)
FEMALE/ HUMAN/ *PUBERTY, PRECOCIOUS,
therapy
1888. Hiroi M: [Delayed puberty: gynecological aspect]
Cln Endocrinol (Tokyo) 22:190-2, Jan 74 (Jap)
ADOLESCENCE/ FEMALE/ HUMAN/
HYPOGONADISM/ *PUBERTY
1889. Hirota Y: [Aging and diseases: multiple myeloma]
Jap J Clin Med 32:102-12, Jan 74 (43 ref.) (Jap)
ADOLESCENCE/ ADULT/ AGED/ *AGING/
AMYLOIDOSIS, etiology/ ANEMIA, etiology/
BLOOD VISCOSITY/ BONE AND BONES,
pathology/ BONE MARROW, pathology/
CHILD/ FEMALE/ HEMORRHAGE, etiology/
HUMAN/ IMMUNOGLOBULINS, analysis/
IMMUNOLOGIC DEFICIENCY SYNDROMES,
etiology/ KIDNEY DISEASES, etiology/
MALE/ MIDDLE AGE/ MULTIPLE MYELOMA,
complications/ MULTIPLE MYELOMA,
diagnosis/ MULTIPLE MYELOMA, drug
therapy/ MULTIPLE MYELOMA, etiology/
MULTIPLE MYELOMA, mortality/ *MULTIPLE
MYELOMA, occurrence/ MULTIPLE
MYELOMA, pathology/ REVIEW
1890. Hirsche BL, Woods JE: Experience with elective
surgery in renal allograft recipients.
Am J Surg 127:730-2, Jun 74
ABDOMEN, surgery/ ADHESIONS, surgery/
ADOLESCENCE/ ADULT/ ANTIBIOTICS,
therapeutic use/ ANUS NEOPLASMS, surgery/
ARTHROPLASTY/ CHOLECYSTECTOMY/
FEMALE/ FEMORAL ARTERY, surgery/
FUROSEMIDE, therapeutic use/
GASTROSTOMY/ HERNIA, surgery/ HIP,
surgery/ HUMAN/ HYSTERECTOMY/ ILLIAC
VEIN/ INTESTINAL POLYPS, surgery/
INTESTINES, surgery/ *KIDNEY,
transplantation/ LIGATION/ MALE/
METHYLPREDNISOLONE, therapeutic use/
MIDDLE AGE/ PANCREATIC DUCTS/
PARATHYROID GLANDS, surgery/
POSTOPERATIVE COMPLICATIONS/ RENAL
ARTERY, surgery/ SPLENECTOMY/
*SURGERY, OPERATIVE/
TRANSPLANTATION, HOMOLOGOUS/ VENA
CAVA, INFERIOR, surgery
1891. Hittelman WN, Rao PN: Premature chromosome
condensation. I. Visualization of x-ray-induced
chromosome damage in interphase cells.
Mutat Res 23:251-8, May 74
ANIMAL EXPERIMENTS/ CELL FUSION/
CELL LINE/ CELL NUCLEUS/ CHROMATIN/
*CHROMOSOME ABERRATIONS/
*CHROMOSOMES, radiation effects/ DNA
REPAIR/ FEMALE/ IN VITRO/ METHODS/

AUTHOR SECTION

- MITOSIS/ OVARY/ *RADIATION GENETICS/
TIME FACTORS
1892. Hittelman WN, Rao PN: Premature chromosome condensation. II. The nature of chromosome gaps produced by alkylating agents and ultraviolet light. *Mutat Res* 23:259-66, May 74
ANIMAL EXPERIMENTS/ CELL FUSION/
CELL LINE/ CELL NUCLEUS/ CHROMATIN/
*CHROMOSOME ABERRATIONS/
CHROMOSOMES, drug effects/
CHROMOSOMES, radiation effects/ FEMALE/
IN VITRO/ *MECHLORETHAMINE,
pharmacodynamics/ METHODS/ MITOSIS/
OVARY/ *TRIAZQUONE, pharmacodynamics/
*ULTRAVIOLET RAYS
1893. Hlaváček V, Jolma VH: Giant cell tumors of bone in the E.N.T. organs. Report of two cases in the frontal sinus. *Acta Otolaryngol (Stockh)* 77:374-80, May 74
BONE NEOPLASMS, radiography/ ETHMOID
BONE, pathology/ ETHMOID SINUS/
EXOPHTHALMOS, etiology/ FEMALE/
FOLLOW-UP STUDIES/ *FRONTAL BONE,
pathology/ FRONTAL SINUS/ GIANT CELL
TUMORS, complications/ GIANT CELL
TUMORS, pathology/ *GIANT CELL TUMORS,
surgery/ HUMAN/ MALE/ NEOPLASM
METASTASIS/ SCAPULA, pathology/ SKULL
NEOPLASMS, complications/ SKULL
NEOPLASMS, pathology/ *SKULL
NEOPLASMS, surgery
1894. Ho BT, Taylor D, Englert LF: Effects of delta9-tetrahydrocannabinol on the metabolism of 3H-5-hydroxytryptamine and 3H-norepinephrine in the rat brain. *Res Commun Chem Pathol Pharmacol* 7:645-50, Apr 74
ANIMAL EXPERIMENTS/ BRAIN, drug
effects/ *BRAIN, metabolism/ *CANNABIS,
pharmacodynamics/ DEAMINATION/
DOSE-RESPONSE RELATIONSHIP, DRUG/
HYDROXYINDOLEACETIC ACID, metabolism/
INJECTIONS, INTRAVENOUS/ MALE/
*NOREPINEPHRINE, metabolism/ RATS/
*SEROTONIN, metabolism/ STIMULATION,
CHEMICAL/ TETRAHYDROCANNABINOL,
administration & dosage/
TETRAHYDROCANNABINOL,
pharmacodynamics/ TRITIUM
1895. Ho KJ, Pang LC, Taylor CB: Mode of cholesterol accumulation in various tissues of rabbits with prolonged exposure to various serum cholesterol levels. *Atherosclerosis* 19:561-6, May-Jun 74
ADIPOSE TISSUE, metabolism/ ADRENAL
GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ AORTA, metabolism/ BRAIN,
metabolism/ CHOLESTEROL, blood/
*CHOLESTEROL, metabolism/ CHOLESTEROL,
DIETARY, metabolism/ COLON, metabolism/
HYPERCHOLESTEREMIA, etiology/
*HYPERCHOLESTEREMIA, metabolism/
INTESTINE, SMALL, metabolism/ KIDNEY,
metabolism/ LIVER, metabolism/ LUNG,
metabolism/ MALE/ MUSCLES, metabolism/
MYOCARDIUM, metabolism/ PANCREAS,
metabolism/ RABBITS/ SKIN, metabolism/
SPLEEN, metabolism/ TESTIS, metabolism/
TIME FACTORS
1896. Hobson W, Hansel W: Increased in vitro pituitary response to LH-RH after in vivo estrogen treatment. *Proc Soc Exp Biol Med* 146:470-4, Jun 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ CASTRATION/ *ESTRADIOL,
pharmacodynamics/ FEMALE/
HYPOTHALAMUS, metabolism/ LH, blood/
*LH, secretion/ LH-FSH RELEASING
HORMONE, metabolism/ *LH-FSH RELEASING
HORMONE, pharmacodynamics/ OVARY,
physiology/ *PITUITARY GLAND, secretion/
RADIOIMMUNOASSAY/ TIME FACTORS/
TISSUE EXTRACTS
1897. Hoch HC, Maxwell DP: Proteinaceous hexagonal inclusions in hyphae of *Whetzelinia sclerotiorum* and *Neurospora crassa*. *Can J Microbiol* 20:1029-35, Jul 74
ASCOMYCETES, analysis/ *ASCOMYCETES,
cytology/ *CELLULAR INCLUSIONS, analysis/
CHROMATOGRAPHY, THIN LAYER/
ERGOSTEROL, analysis/ FUNGAL PROTEINS,
analysis/ GLUTARALDEHYDE/ INDICATORS
AND REAGENTS/ MICROBODIES, analysis/
MICROSCOPY, ELECTRON/ MICROSCOPY,
INTERFERENCE/ MICROSCOPY, PHASE
CONTRAST/ *NEUROSPORA, cytology/
NEUROSPORA CRASSA, analysis/
NEUROSPORA CRASSA, cytology/ PEPTIDE
HYDROLASES, metabolism/ POTASSIUM
PERMANGANATE/ SOLVENTS/
SPECTROPHOTOMETRY, ULTRAVIOLET/
SPECTRUM ANALYSIS, MASS/ STEROLS,
analysis
1898. Hochberg RB, Ladany S, Welch M, et al: Cholesterol and cholesterol sulfate as substrates for the adrenal side-chain cleavage enzyme. *Biochemistry* 13:1938-45, 23 Apr 74
ADRENAL GLANDS, cytology/ *ADRENAL
GLANDS, enzymology/ ANIMAL
EXPERIMENTS/ CALCIUM, pharmacodynamics/
CARBON RADIOISOTOPES/ *CHOLESTEROL,
metabolism/ ESTERASES, antagonists &
inhibitors/ FEMALE/ GLUCURONATES,
pharmacodynamics/ ISOCITRATES,
pharmacodynamics/ KINETICS/
*MITOCHONDRIA, enzymology/
*MULTIENZYME COMPLEXES, metabolism/
NADP, pharmacodynamics/
*OXIDOREDUCTASES, metabolism/
PREGNENOLONE, metabolism/
PROGESTERONE, metabolism/
STRUCTURE-ACTIVITY RELATIONSHIP/
SUCCINATES, pharmacodynamics/ SULFUR
RADIOISOTOPES/ SULFURIC ACIDS,
metabolism/ TRITIUM
1899. Hodges JR, Vellucci S: Proceedings: Pituitary-adrenocortical function in the reserpine-treated rat. *J Endocrinol* 61:xxvi, Apr 74
ADRENAL GLANDS, analysis/ ANIMAL
EXPERIMENTS/ ASCORBIC ACID, analysis/
*CORTICOSTERONE, blood/ CORTICOTROPIN,
secretion/ FEMALE/ *PITUITARY-ADRENAL
SYSTEM, drug effects/ RATS/ *RESERPINE,
pharmacodynamics
1900. Hoehn H, Martin GM: Nonrandom arrangement of human chromatin: topography of disomic markers X, Y, and 1h plus 1. *Cytogenet Cell Genet* 12:443-52, 1973
CELL NUCLEUS/ CHROMATIN, analysis/
CLONE CELLS/ DIPLOIDY/ FEMALE/
FIBROBLASTS, cytology/
HETEROCHROMATIN, analysis/ HUMAN/
MALE/ MITOSIS/ POLYPOIDY/ *SEX
CHROMATIN, analysis/ SEX CHROMOSOMES,
analysis/ SKIN, cytology
1901. Hoekstra D, Berger R, Hommes FA: Thiamine diphosphate content of liver mitochondria of the pregnant and developing rat. *Nutr Metab* 16:317-23, 1974
AGE FACTORS/ ANIMAL EXPERIMENTS/
ANIMALS, NEWBORN/ CARBON
RADIOISOTOPES/ FEMALE/ FETUS,
metabolism/ INJECTIONS,
INTRAPERITONEAL/ LACTATION/ LIVER,
embryology/ LIVER, enzymology/ LIVER,
growth & development/ MATERNAL-FETAL
EXCHANGE/ *MITOCHONDRIA, LIVER,
metabolism/ ORGANOPHOSPHORUS
COMPOUNDS, biosynthesis/
PHOSPHOTRANSFERASES, ATP, metabolism/
*PREGNANCY/ THIAMINE, biosynthesis/
THIAMINE PYROPHOSPHATE, administration
& dosage/ THIAMINE PYROPHOSPHATE,
biosynthesis/ *THIAMINE PYROPHOSPHATE,
metabolism/ THIAMINE PYROPHOSPHATE,
pharmacodynamics
1902. Hoel E: Letter: Acupuncture analgesia. *Anaesthesia* 29:368, May 74
ACUPUNCTURE/ *ANALGESIA/ CHINA/
HUMAN/ THYROIDECTOMY
1903. Hoeldtke R: Catecholamine metabolism in health and disease. *Metabolism* 23:663-83, Jul 74 (216 ref.)
ANGIOTENSIN, metabolism/ AUTONOMIC
DYSFUNCTION, familial & genetic/

AUTHOR SECTION

- BACTERIA, metabolism/ BRAIN, metabolism/
CATECHOLAMINES, cerebrospinal fluid/
*CATECHOLAMINES, metabolism/
CATECHOLAMINES, physiology/
CATECHOLAMINES, urine/ DIET, adverse
effects/ DOPAMINE, metabolism/
HYPERTENSION, metabolism/
HYPOPHYSITIS, metabolism/
INTESTINES, microbiology/ NEURONS,
metabolism/ NOREPINEPHRINE, metabolism/
PARKINSONISM, metabolism/
PHENYLKETONURIA, metabolism/ RENIN,
metabolism/ REVIEW/ STOMACH,
microbiology/ SYMPATHETIC NERVOUS
SYSTEM, metabolism
1904. Hoeldtke R, Lloyd T, Kaufman S: An immunochemical study of the induction of tyrosine hydroxylase in rat adrenal glands.
Biochem Biophys Res Commun 57:1045-53, 23 Apr 74
ADRENAL GLANDS, analysis/ ADRENAL
MEDULLA, analysis/ ADRENAL MEDULLA,
drug effects/ *ADRENAL MEDULLA,
enzymology/ ALUMINUM/ ANIMAL
EXPERIMENTS/ ANTIGEN-ANTIBODY
REACTIONS/ CHROMATOGRAPHY/ COLD/
COMPARATIVE STUDY/ CORTICOSTERONE,
analysis/ ENZYME INDUCTION/
EPINEPHRINE, analysis/
HYDROXYDOPAMINE, pharmacodynamics/
IMMOBILIZATION/ IMMUNE SERUMS/
KINETICS/ MALE/ MOVEMENT/
NOREPINEPHRINE, pharmacodynamics/ RATS/
STRESS, enzymology/ TRITIUM/ *TYROSINE
HYDROXYLASE, biosynthesis
1905. Hoff HF, Jackson RL, Mao SJ, et al: Localization of low-density lipoproteins in atherosclerotic lesions from human normolipemics employing a purified fluorescent-labeled antibody.
Biochim Biophys Acta 351:407-15, 7 Jun 74
APOPROTEINS/ *ARTERIES, metabolism/
ARTERIES, pathology/ *ARTERIOSCLEROSIS,
metabolism/ ARTERIOSCLEROSIS, pathology/
CHROMATOGRAPHY, AFFINITY/
COMPARATIVE STUDY/ FLUORESCINS/
FLUORESCENT ANTIBODY TECHNIC/ GEL
DIFFUSION TESTS/ GEL FILTRATION/
GOATS, immunology/
HISTOCYTOCHEMISTRY/ HUMAN/
LIPOPROTEINS, LDL, blood/
*LIPOPROTEINS, LDL, metabolism/
SPECTROPHOTOMETRY/
SPECTROPHOTOMETRY, ULTRAVIOLET/
THIOCYANATES/ ULTRACENTRIFUGATION
1906. Hofmann S: Experimentelle Studien an gengeschalteten Dünndarmsegmenten zur Therapie des "Short Bowel Syndrom". I. Langzeituntersuchungen an jungen Hunden.
Bruns Beitr Klin Chir 219:764-78, 1972 (Ger)
ACTION POTENTIALS/ ANIMAL
EXPERIMENTS/ CHOLINESTERASE, analysis/
CINERADIOGRAPHY/ ELECTROMYOGRAPHY/
ENGLISH ABSTRACT/ GASTROINTESTINAL
MOTILITY/ HISTOCYTOCHEMISTRY/
HUMAN/ ILEUM, blood supply/ ILEUM, drug
effects/ ILEUM, enzymology/ ILEUM, injuries/
ILEUM, physiology/ ILEUM, physiopathology/
*ILEUM, surgery/ ISCHEMIA/ LACTATE
DEHYDROGENASE, analysis/
*MALABSORPTION SYNDROMES, prevention
& control/ MANOMETRY/ POSTOPERATIVE
COMPLICATIONS, prevention & control/
SEROTONIN, pharmacodynamics/
TEMPERATURE
1907. Höhling HJ, Ashton BA, Köster HD: Quantitative electron microscopic investigations of mineral nucleation in collagen.
Cell Tissue Res 148:11-26, 29 Mar 74
ANIMAL EXPERIMENTS/ *BONE AND
BONES, cytology/ *CALCIFICATION,
PHYSIOLOGIC/ *CALCIUM PHOSPHATES/
*COLLAGEN/ *DENTIN, cytology/
MICROSCOPY, ELECTRON/ MODELS,
STRUCTURAL/ RATS/ TAIL/ *TENDONS,
cytology
1908. Holsaeter PA: Studies on hormone-cytostatic complexes in the cytoplasm of rat prostatic gland.
Invest Urol 12:33-7, Jul 74
ALKYLATING AGENTS, metabolism/ ANIMAL
EXPERIMENTS/ *ANTINEOPLASTIC AGENTS,
metabolism/ CENTRIFUGATION, DENSITY
GRADIENT/ *CYTOPLASM, metabolism/
EDTA, metabolism/ *ESTRADIOL, metabolism/
IN VITRO/ PHOSPHATES, metabolism/
PROSTATE, cytology/ *PROSTATE,
metabolism/ RECEPTORS, HORMONE/ SERUM
ALBUMIN, BOVINE, metabolism/
*STANOLONE, metabolism/
STRUCTURE-ACTIVITY RELATIONSHIP/
TRITIUM
1909. Holaday WJ, Assor D: Ten thousand consecutive frozen sections. A retrospective study focusing on accuracy and quality control. Am J Clin Pathol 61:769-77, Jun 74
BONE NEOPLASMS, diagnosis/ BREAST
NEOPLASMS, diagnosis/ DIAGNOSTIC
ERRORS/ EVALUATION STUDIES/ FEMALE/
GASTROINTESTINAL NEOPLASMS, diagnosis/
GYNECOLOGIC NEOPLASMS, diagnosis/
HUMAN/ LUNG NEOPLASMS, diagnosis/
LYMPHOMA, diagnosis/ MALE/
MEDIASTINAL NEOPLASMS, diagnosis/
*MICROTOMY, standards/ *NEOPLASMS,
diagnosis/ NEOPLASMS, NERVOUS TISSUE,
diagnosis/ PANCREATIC NEOPLASMS,
diagnosis/ PARANASAL SINUS NEOPLASMS,
diagnosis/ PARATHYROID NEOPLASMS,
diagnosis/ PROSTATIC NEOPLASMS,
diagnosis/ QUALITY CONTROL/
RESPIRATORY TRACT NEOPLASMS,
diagnosis/ RETROSPECTIVE STUDIES/ SKIN
NEOPLASMS, diagnosis/ THYROID
NEOPLASMS, diagnosis
1910. Holdaway IM, Kramer RM, McNelly AS, et al: Applications of the redox bioassay for luteinizing hormone. Clin Endocrinol (Oxf) 3:383-8, Jul 74
ANIMAL EXPERIMENTS/ *BIOLOGICAL
ASSAY/ COMPARATIVE STUDY/
DOSE-RESPONSE RELATIONSHIP, DRUG/
EVALUATION STUDIES/ FEMALE/ HUMAN/
IN VITRO/ *LH, blood/ LH-FSH RELEASING
HORMONE, pharmacodynamics/
MENSTRUATION/ RADIOIMMUNOASSAY
1911. Holdaway IM, Rees LH, Ratcliffe JG, et al: Validation of the redox cytochemical assay for corticotrophin. Clin Endocrinol (Oxf) 3:329-34, Jul 74
ADRENAL GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ *BIOLOGICAL ASSAY/
COMPARATIVE STUDY/ *CORTICOTROPIN,
blood/ CROSS REACTIONS/ HALF-LIFE/
HISTOCYTOCHEMISTRY/ HUMAN/
METHODS/ NEUTRALIZATION TESTS/
OXIDATION-REDUCTION/ RABBITS,
immunology/ RADIOIMMUNOASSAY
1912. Holder WD Jr, Robey WG, Vande Woude GF: Activation of a C-type virus from the human carcinoma cell line HBT-3 by iododeoxyuridine and testosterone. Nature 249:759-62, 21 Jun 74
BREAST NEOPLASMS, enzymology/ *BREAST
NEOPLASMS, microbiology/ *C-TYPE
VIRUSES, drug effects/ C-TYPE VIRUSES,
enzymology/ C-TYPE VIRUSES, growth &
development/ C-TYPE VIRUSES, isolation &
purification/ CARCINOMA, enzymology/
*CARCINOMA, microbiology/ CLONE CELLS/
FEMALE/ HUMAN/ *IDOXURIDINE,
pharmacodynamics/ MICROSCOPY, PHASE
CONTRAST/ REVERSE TRANSCRIPTASE,
analysis/ *TESTOSTERONE, pharmacodynamics/
*VIRUS REPLICATION, drug effects
1913. Holladay LA, Hammonds RG Jr, Puett D: Growth hormone conformation and conformational equilibria. Biochemistry 13:1653-61, 9 Apr 74
AMINO ACID SEQUENCE/ AMINO ACIDS,
analysis/ CATTLE/ CHEMISTRY/ CIRCULAR
DICHROISM/ GEL FILTRATION/ GLYCINE/
GUANIDINES/ HUMAN/ MATHEMATICS/
MODELS, CHEMICAL/ OLIGOPEPTIDES/
PHENYLALANINE/ PROTEIN
CONFORMATION/ PROTEIN
DENATURATION/ RATS/ SHEEP/
SOMATOTROPIN, analysis/ *SOMATOTROPIN,

AUTHOR SECTION

- Isolation & purification/ SPECIES
SPECIFICITY/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ THERMODYNAMICS
1914. Holland NH, Bracco MM de, Christian CL: Pathways of complement activation in glomerulonephritis. *Kidney Int* 1:106-14, Feb 72
ANTIBODIES, analysis/ ANTIGEN-ANTIBODY COMPLEX/ CALCIUM, metabolism/ COMPLEMENT, antagonists & inhibitors/ *COMPLEMENT, metabolism/ CYCLOPHOSPHAMIDE, therapeutic use/ DNA/ FEMALE/ GLOMERULONEPHRITIS, blood/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, familial & genetic/ *GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, pathology/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY, pathology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ MAGNESIUM, metabolism/ PHAGOCYTOSIS/ PREDNISOLONE, therapeutic use/ PROTEIN BINDING/ REMISSION
1915. Hollander FC den, Weemen BK van, Woods GF: Specificities of antisera against estrogens linked to albumin at different positions (C6, C11, C16, C17). *Steroids* 23:549-60, Apr 74
BINDING SITES/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ CROSS REACTIONS/ *ESTRADIOL/ *ESTRIOL/ *ESTRONE/ GAMMA GLOBULIN/ HAPTENS/ *IMMUNE SERUMS/ OPTICAL ROTATION/ PROTEIN BINDING/ RABBITS, immunology/ RADIOIMMUNOASSAY/ *SERUM ALBUMIN, BOVINE/ SHEEP, immunology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SUCCINATES/ TRITIUM
1916. Hollenberg NK, Chenitz WR, Adams DF, et al: Reciprocal influence of salt intake on adrenal glomerulosa and renal vascular responses to angiotensin II in normal man. *J Clin Invest* 54:34-42, Jul 74
*ADRENAL GLANDS, physiology/ ALDOSTERONE, blood/ ALDOSTERONE, secretion/ ANGIOTENSIN II, pharmacodynamics/ *ANGIOTENSIN II, physiology/ BLOOD PRESSURE, drug effects/ BODY WEIGHT, drug effects/ CREATININE, blood/ DIET, SALT-FREE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ HUMAN/ HYDROCORTISONE, blood/ KIDNEY, blood supply/ KIDNEY, secretion/ *MUSCLE, SMOOTH, physiology/ POTASSIUM, blood/ RADIOIMMUNOASSAY/ REGIONAL BLOOD FLOW, drug effects/ RENAL ARTERY, drug effects/ *RENAL ARTERY, physiology/ RENIN, metabolism/ SODIUM, blood/ *SODIUM, physiology
1917. Hollister AS, Breese GR, Cooper BR: Comparison of tyrosine hydroxylase and dopamine-beta-hydroxylase inhibition with the effects of various 6-hydroxydopamine treatments on d-amphetamine induced motor activity. *Psychopharmacologia* 36:1-16, 21 Mar 74
ANIMAL EXPERIMENTS/ BRAIN, enzymology/ BRAIN CHEMISTRY, drug effects/ COMPARATIVE STUDY/ DESIPRAMINE, pharmacodynamics/ *DEXTRO AMPHETAMINE, pharmacodynamics/ DOPAMINE, metabolism/ *DOPAMINE BETA HYDROXYLASE, antagonists & inhibitors/ HYDRAZINES, pharmacodynamics/ *HYDROXYDOPAMINE, pharmacodynamics/ IPRONIAZID, pharmacodynamics/ MALE/ METHYLTYROSINES, pharmacodynamics/ *MOTOR ACTIVITY, drug effects/ NOREPINEPHRINE, metabolism/ PARGYLINE, pharmacodynamics/ RESERPINE, pharmacodynamics/ STEREOTYPED BEHAVIOR, drug effects/ THIOUREA, pharmacodynamics/ TIME FACTORS/ *TYROSINE HYDROXYLASE, antagonists & inhibitors
1918. Holmes EW Jr, Wyngaarden JB, Kelley WN: Human glutamine phosphoribosylpyrophosphate (PP-ribose-P) amidotransferase: kinetic, regulation and configurational changes. *Adv Exp Med Biol* 41:43-53, 1973
FEMALE/ GEL FILTRATION/ GLUTAMINE/ HUMAN/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PENTOSEPHOSPHATES/ PENTOSEPHOSPHATES, pharmacodynamics/ PENTOSYLTRANSFERASES, isolation & purification/ *PENTOSYLTRANSFERASES, metabolism/ PLACENTA, enzymology/ PREGNANCY/ PYROPHOSPHORIC ACIDS/ SPECTROPHOTOMETRY, ULTRAVIOLET
1919. Holmes WN, Broock RL, Devlin JM: Tritiated corticosteroid metabolism in intact and adenohipophysectomized ducks (Anas platyrhynchos). *Gen Comp Endocrinol* 22:417-27, Apr 74
ADRENALECTOMY/ ALDOSTERONE, analysis/ ALDOSTERONE, blood/ *ALDOSTERONE, metabolism/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ CORTICOSTERONE, analysis/ CORTICOSTERONE, blood/ *CORTICOSTERONE, metabolism/ *DUCKS, physiology/ HALF-LIFE/ HYPOPHYSECTOMY/ MALE/ *PITUITARY-ADRENAL SYSTEM/ TRITIUM
1920. Holms WH, Robertson AG: Control of derepressed beta-galactosidase synthesis in *Escherichia coli*. *Arch Mikrobiol* 96:21-35, 1 Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, metabolism/ ALKYL SULFONATES/ CELL-FREE SYSTEM/ ENZYME REPRESSION, drug effects/ *ESCHERICHIA COLI, enzymology/ *ESCHERICHIA COLI, metabolism/ *GALACTOSIDASE, biosynthesis/ GLYCERIN, metabolism/ MUTAGENS/ MUTATION/ OLIGOSACCHARIDES, pharmacodynamics/ OXYGEN CONSUMPTION/ PHOSPHOENOLPYRUVATE CARBOXYKINASE, biosynthesis/ PYRUVATE DEHYDROGENASE COMPLEX, biosynthesis/ PYRUVATES, pharmacodynamics/ SPECTROPHOTOMETRY
1921. Holst PE, O'Donnell TV: A controlled trial of beclomethasone dipropionate in asthma. *NZ Med J* 79:769-73, 27 Mar 74
ADOLESCENCE/ ADULT/ AEROSOLS/ AGED/ ALBUTEROL, therapeutic use/ *ASTHMA, drug therapy/ ASTHMA, physiopathology/ ASTHMA, urine/ BECLOMETHASONE, administration & dosage/ BECLOMETHASONE, adverse effects/ BECLOMETHASONE, therapeutic use/ CHILD/ CLINICAL RESEARCH/ DRUG EVALUATION/ FEMALE/ *GLUCOCORTICOIDS, TOPICAL, therapeutic use/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ *METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ PLACEBOS/ PREDNISONE, therapeutic use/ SPIROMETRY
1922. Holz RW, Deguchi T, Axelrod J: Stimulation of serotonin N-acetyltransferase in pineal organ culture by drugs. *J Neurochem* 22:205-9, Feb 74
*ACETYLTRANSFERASES, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CALCIUM, pharmacodynamics/ CARBON RADIOISOTOPES/ CHELATING AGENTS, pharmacodynamics/ *COCAINE, pharmacodynamics/ GANGLIA, BASAL, physiology/ MAGNESIUM, pharmacodynamics/ MALE/ NOREPINEPHRINE, metabolism/ ORGAN CULTURE/ *PHENIPRAZINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ PINEAL BODY, drug effects/ *PINEAL BODY, enzymology/ PINEAL BODY, innervation/ PINEAL BODY, metabolism/ POTASSIUM, pharmacodynamics/ *PROCAINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RATS/ SEROTONIN/ TETRODOTOXIN, pharmacodynamics/ *VERATRINE, pharmacodynamics

AUTHOR SECTION

1923. Holzmann K: *Ostrogenmangel und Osteoporose.* Dtsch Med Wochenschr 99:1382-3, 21 Jun 74 (Ger)
CALCIUM, urine/ *CLIMACTERIC/
DEFICIENCY DISEASES, complications/
*ESTROGENS, metabolism/ FEMALE/
HUMAN/ OSTEOPOROSIS, etiology/
*OSTEOPOROSIS, metabolism
1924. Hongslo CF, Hustvedt BE, Lovo A: *Insulin sensitivity in rats with ventromedial hypothalamic lesions.* Acta Physiol Scand 90:757-63, Apr 74
*ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ CARBON RADIOISOTOPES/ DIAPHRAGM, drug effects/ DIAPHRAGM, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ GLUCONEOGENESIS, drug effects/ GLUCOSE, metabolism/ GLYCOGEN, biosynthesis/ *HYPOTHALAMUS, physiology/ INSULIN, administration & dosage/ *INSULIN, pharmacodynamics/ LIPIDS, metabolism/ RATS/ STIMULATION, CHEMICAL/ UREA, blood
1925. Honma M, U M: *Proceedings: Changes of the level of cyclic AMP in carrageenin granuloma.* Jap J Pharmacol 24:Suppl:48, 1974
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ *CARRAGEENAN/ GRANULOMA, chemically induced/ *GRANULOMA, metabolism
1926. Honma Y, Yoshie S: *Studies on the endocrine glands of a salmonoid fish, the Ayu, Plecoglossus altivelis Temminck et Schlegel-IX. Seasonal changes in the cells of the adenohypophysis, especially the prolactin producing cells.* Arch Histol Jap 36:237-50, Jan 74
ANIMAL EXPERIMENTS/ FRESH WATER/ JAPAN/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, physiology/ *PROLACTIN, biosynthesis/ *SALMONIDAE, analysis/ SALMONIDAE, physiology/ SEASONS/ SEAWATER
1927. Honnebler WJ, Jöbbs AC, Swaab DF: *The effect of hypophysial hormones and human chorionic gonadotrophin (HCG) on the anencephalic fetal adrenal cortex and on parturition in the human.* J Obstet Gynaecol Br Commonw 81:423-38, Jun 74
*ADRENAL GLANDS, drug effects/ *ANENCEPHALUS, physiopathology/ AUTOPSY/ BIRTH WEIGHT/ CORTICOTROPIN, pharmacodynamics/ ESTRADIOL, urine/ ESTRIOL, urine/ ESTRONE, urine/ FEMALE/ GESTATIONAL AGE/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HUMAN/ 17-KETOSTEROIDS, urine/ KIDNEY/ *LABOR, drug effects/ ORGAN WEIGHT/ OXYTOCIN, pharmacodynamics/ *PITUITARY HORMONES, pharmacodynamics/ THYMUS GLAND
1928. Honnebler WJ, Swaab DF: *Influence of alpha-melanocyte-stimulating hormone (alpha-MSH), growth hormone (GH) and fetal brain extracts on intrauterine growth of fetus and placenta in the rat.* J Obstet Gynaecol Br Commonw 81:439-47, Jun 74
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ BRAIN/ FEMALE/ *FETUS, growth & development/ METHODS/ *MSH, pharmacodynamics/ ORGAN WEIGHT/ *PLACENTA, growth & development/ *SOMATOTROPIN, pharmacodynamics/ *TISSUE EXTRACTS, pharmacodynamics
1929. Hooft C, Acker KJ van: *De prognose van het idiopathisch nefrotisch syndroom bij het kind.* Verh K Vlaam Acad Geneesk Belg 36:74-105, 1974 (33 ref.) (Dut)
BIOPSY/ BLOOD PROTEINS, analysis/ CHLORAMBUCIL, therapeutic use/ CORTICOTROPIN, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KIDNEY, pathology/ MALE/ NEPHROSIS, LIPOID, diagnosis/ *NEPHROTIC SYNDROME, diagnosis/ NEPHROTIC SYNDROME, drug therapy/ PROGNOSIS/ PROTEINURIA, diagnosis/ RECURRENCE/ REVIEW
1930. Hopwood NJ, Powell GF: *Emotional deprivation. Report of a case with features of leprechaunism.* Am J Dis Child 127:892-4, Jun 74
ABNORMALITIES, MULTIPLE, diagnosis/ *ABNORMALITIES, MULTIPLE, etiology/ AFFECTIVE DISTURBANCES, complications/ *AFFECTIVE DISTURBANCES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ DWARFISM, diagnosis/ *DWARFISM, etiology/ *EMACIATION/ FEMALE/ HUMAN/ LIPODYSTROPHY, diagnosis/ *LIPODYSTROPHY, etiology/ PROGERIA, diagnosis/ PROGERIA, etiology/ SYNDROME
1931. Hopwood NJ, Powell GF: *Emotional deprivation. Report of a case with features of leprechaunism.* Am J Dis Child 127:892-4, Jun 74
*ABNORMALITIES, MULTIPLE, diagnosis/ BODY WEIGHT/ BREAST, growth & development/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM, diagnosis/ DWARFISM, etiology/ EMACIATION, etiology/ *EMOTIONS/ FEMALE/ GROWTH/ HIRSUTISM, etiology/ HOSPITALIZATION/ HUMAN/ HYPERTROPHY/ INFANT/ LIPODYSTROPHY, diagnosis/ LIPODYSTROPHY, etiology/ *PARENT-CHILD RELATIONS/ PROGERIA, diagnosis/ PROGERIA, etiology/ PSYCHOMOTOR DISORDERS, etiology/ SYNDROME
1932. Horder M: *Inorganic pyrophosphate-phosphohydrolytic activity associated with human placental alkaline orthophosphatase. Nature of the substrate and role of magnesium.* Biochim Biophys Acta 341:41-7, 21 Mar 74
*ALKALINE PHOSPHATASE, metabolism/ BINDING, COMPETITIVE/ BINDING SITES/ FEMALE/ HUMAN/ KINETICS/ MAGNESIUM, pharmacodynamics/ MATHEMATICS/ *PLACENTA, enzymology/ PREGNANCY/ PROTEIN BINDING/ PYROPHOSPHATES/ REGRESSION ANALYSIS
1933. Horga L, Csádey I, Fuskás G: *Incidența reumatismului infantil și evoluția simptomatologiei acestei afecțiuni în materialul Clinicii de pediatrie din Tîrgu Mureș pe ultimii 20 de ani.* Pediatria (Bucur) 22:527-34, Nov-Dec 73 (Rum)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ARTHRITIS, JUVENILE RHEUMATOID, occurrence/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ PENICILLIN, therapeutic use/ *RHEUMATIC FEVER, complications/ RHEUMATIC FEVER, drug therapy/ RHEUMATIC FEVER, etiology/ RHEUMATIC FEVER, occurrence/ RHEUMATIC HEART DISEASE, occurrence/ RHEUMATISM, occurrence/ RUMANIA/ SALICYLATES, therapeutic use/ SCARLET FEVER, complications/ TIME FACTORS
1934. Horgan ED, Riley WJ: *Plasma corticotropin radioimmunoassay, with use of fuller's earth for extraction.* Clin Chem 20:682-6, Jun 74
ADDISON'S DISEASE, blood/ *ALUMINUM SILICATES/ *CORTICOTROPIN, blood/ DEXAMETHASONE, therapeutic use/ GEL FILTRATION/ HYPOPHYSECTOMY/ IODINE RADIOISOTOPES/ KAOLIN/ *MAGNESIUM/ METHODS/ RADIOIMMUNOASSAY/ THYMOMA, blood
1935. Hori T, Kato G, Miyake T: *Acute effects of ovarian steroids upon follicular growth in the cycling rat.* Endocrinol Jap 20:475-82, Oct 73
ANIMAL EXPERIMENTS/ CHLORPROMAZINE, pharmacodynamics/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ ESTRUS, drug effects/ FEMALE/ *GRAAFIAN FOLLICLE, drug effects/ GRAAFIAN FOLLICLE, physiology/ INJECTIONS, SUBCUTANEOUS/ OVULATION, drug effects/ PROGESTERONE, administration & dosage/ *PROGESTERONE, pharmacodynamics

AUTHOR SECTION

1936. Horn AS, Cuello AC, Miller RJ: Dopamine in the mesolimbic system of the rat brain: endogenous levels and the effects of drugs on the uptake mechanism and stimulation of adenylate cyclase activity.
J Neurochem 22:265-70, Feb 74
*ADENYL CYCLASE, metabolism/
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BENZTROPINE, pharmacodynamics/ BIOLOGICAL TRANSPORT, ACTIVE/ *BRAIN CHEMISTRY/ COMPARATIVE STUDY/ CORPUS STRIATUM, drug effects/ CORPUS STRIATUM, metabolism/ DEXTRO AMPHETAMINE, pharmacodynamics/ *DOPAMINE, metabolism/ LIMBIC SYSTEM, drug effects/ *LIMBIC SYSTEM, metabolism/ MALE/ OLFACTORY BULB, drug effects/ OLFACTORY BULB, metabolism/ ORGAN SPECIFICITY/ PHENTOLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RATS/ SODIUM, pharmacodynamics/ SYNAPTOSOMES, drug effects/ SYNAPTOSOMES, metabolism/ TEMPERATURE/ TRITIUM
1937. Horn Y: A comparison of two androgenic hormones as leukopoietic agents in irradiated rats.
Oncology 26:16-24, 1972
ANIMAL EXPERIMENTS/ BACTERIAL VACCINES/ *BONE MARROW, drug effects/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ *HEMATOPOIESIS, drug effects/ LEUKOCYTE COUNT/ *LEUKOCYTES, radiation effects/ LEUKOPENIA, etiology/ MALE/ METHANE, pharmacodynamics/ RADIATION DOSAGE/ *RADIATION EFFECTS/ SALMONELLA TYPHOSA/ SEX FACTORS/ *STANOLONE, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics
1938. Horning EC, Horning MG, Szafrank J, et al: Gas phase analytical methods for the study of human metabolites. Metabolic profiles obtained by open tubular capillary chromatography.
J Chromatogr 91:367-78, 24 Apr 74
ALKANES, urine/ *CARBOHYDRATES, urine/ *CHROMATOGRAPHY, GAS, instrumentation/ *DRUGS, analysis/ DRUGS, metabolism/ FEMALE/ GLASS/ HUMAN/ IMIDES, urine/ INFANT, NEWBORN/ MALE/ METHODS/ SILICA/ *STEROIDS, urine/ *SUGAR ALCOHOLS, urine
1939. Hornsby PJ, O'Hare MJ, Neville AM: Proceedings: Functional and morphological changes occurring in rat adrenal zona glomerulosa cells in monolayer culture.
N Engl J Med 291:67-8, 11 Jun 74
*ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ ANGIOTENSIN II, pharmacodynamics/ CELLS, CULTURED/ CORTICOTROPIN, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ MALE/ MICROSCOPY, ELECTRON/ POTASSIUM, pharmacodynamics/ SEROTONIN, pharmacodynamics
1940. Horowitz DK, Russell PJ: Hormone-induced differentiation of antheridial branches in Achlya ambisexualis: dependence on ribonucleic acid synthesis. Can J Microbiol 20:977-80, Jul 74
*CELL DIFFERENTIATION, drug effects/ DACTINOMYCIN, pharmacodynamics/ MORPHOGENESIS/ *PHYCOMYCETES, cytology/ PHYCOMYCETES, metabolism/ RNA, biosynthesis/ *SEX HORMONES, pharmacodynamics/ *WATER MICROBIOLOGY
1941. Horowitz R, Greensher J, Horowitz R: Proceedings: Hazards of maternally administered drugs.
Clin Toxicol 7:59-68, 1974 (98 ref.)
*ABNORMALITIES, DRUG-INDUCED/ ANALEPTICS, adverse effects/ ANALGESICS AND ANTIPYRETICS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTICONVULSANTS, adverse effects/ ANTI-INFECTION AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, adverse effects/ DIURETICS, adverse effects/ FEMALE/ FETAL DISEASES, chemically induced/ HORMONES, adverse effects/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ IMMUNIZATION, adverse effects/ *MATERNAL-FETAL EXCHANGE/ NARCOTIC ANTAGONISTS, adverse effects/ PARENTERAL FEEDING, adverse effects/ REVIEW/ TRANQUILIZING AGENTS, adverse effects/ UNITED STATES/ VITAMINS, adverse effects
1942. Horrobin DF: Prolactin and mental illness.
Br J Psychiatry 124:456-7, May 74
DEPRESSION, etiology/ FEMALE/ HUMAN/ HYPOTHALAMUS, physiology/ *MENTAL DISORDERS, etiology/ PITUITARY HORMONE RELEASING HORMONES, physiology/ PROLACTIN, blood/ *PROLACTIN, secretion/ PSYCHOSES, MANIC-DEPRESSIVE, etiology/ SCHIZOPHRENIA, etiology/ THYROTROPIN RELEASING HORMONE, physiology
1943. Horsch W, Kügel J, Jäckel A: Untersuchungen zur Dispersität von Arzneistoffen unter besonderer Berücksichtigung von Suspensionen. 3. Photometrische Verfahren zur Erfassung der Dispersität von Aufschlämmungen und Vergleich mit mikroskopischen Ergebnissen.
Pharmazie 29:129-31, Feb 74 (Ger)
COMPARATIVE STUDY/ *DRUGS/ MATHEMATICS/ METHODS/ MICROSCOPY/ *OINTMENTS/ PARAFFIN/ PHOTOMETRY/ PREDNISOLONE/ SALICYLIC ACID/ SURFACE PROPERTIES/ *SUSPENSIONS
1944. Horst HJ, Becker H, Voigt KD: The determination in human males of specific testosterone and 5alpha-dihydrotestosterone binding to sex hormone binding globulin by a differential dissociation technique. Steroids 23:833-44, Jun 74
AGING/ ANDROGENS, metabolism/ BINDING, COMPETITIVE/ CARCINOMA, drug therapy/ CARCINOMA, metabolism/ ESTROGENS, metabolism/ ESTROGENS, therapeutic use/ HUMAN/ HYDROCORTISONE, metabolism/ MALE/ METHODS/ PROSTATECTOMY/ PROSTATIC HYPERTROPHY, metabolism/ PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, metabolism/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ SERUM GLOBULINS, metabolism/ *STANOLONE, blood/ *TESTOSTERONE, blood/ TIME FACTORS/ TRITIUM
1945. Horven I: Spersadex og Spersadex med kloramfenikol syedråper.
Tidsskr Nor Lægeforen 94:789-90, 30 Apr 74 (Nor)
*CHLORAMPHENICOL, therapeutic use/ DEXAMETHASONE, adverse effects/ *DEXAMETHASONE, therapeutic use/ DRUG COMBINATIONS/ *EYE DISEASES, drug therapy/ GLAUCOMA, chemically induced/ HUMAN/ INTRAOCULAR PRESSURE/ *OPHTHALMIC SOLUTIONS, therapeutic use
1946. Horwitz DA: Uterine rupture following attempted saline abortion with oxytocin in a grandmultiparous patient. Obstet Gynecol 43:921-2, Jun 74
*ABORTION, THERAPEUTIC, adverse effects/ CASE REPORT/ FEMALE/ HEMATOMA, complications/ HEMATOMA, diagnosis/ HUMAN/ HYPERTONIC SOLUTIONS/ INFUSIONS, PARENTERAL/ MIDDLE AGE/ OXYTOCIN, administration & dosage/ *OXYTOCIN, adverse effects/ OXYTOCIN, pharmacodynamics/ PREGNANCY/ PREGNANCY COMPLICATIONS, diagnosis/ RETROPERITONEAL NEOPLASMS, complications/ RETROPERITONEAL NEOPLASMS, diagnosis/ *UTERINE RUPTURE, chemically induced/ UTERUS, drug effects
1947. Hosoki H, Ogawa N: [Examination of blood progesterone determination with progesterone Radioimmunoassay-kit (Cis-Kit)]
Clin Endocrinol (Tokyo) 22:435-40, Mar 74 (Jap)
EVALUATION STUDIES/ *PROGESTERONE, blood/ RADIOIMMUNOASSAY
1948. Hoszowska A, Panczenko B: Effects of inhibition of

AUTHOR SECTION

prostaglandin biosynthesis on noradrenaline release from isolated perfused spleen of the cat.

Pol J Pharmacol Pharm 26:137-42, Jan-Apr 74
ANIMAL EXPERIMENTS/ ANTHRANILIC ACID, pharmacodynamics/ ELECTRIC STIMULATION/ FEMALE/ MALE/ *NOREPINEPHRINE, secretion/ PERFUSION/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, secretion/ SPLANCHNIC NERVES/ *SPLEEN, secretion/ TOLUENE, pharmacodynamics

1949. Houde M, Laplante L: Ménigite à Listeria monocytogenes. Présentation d'un cas et revue de la littérature.

Union Med Can 103:1701-5, Aug 73 (Fre)
AMPHOTERICIN B, therapeutic use/ AMPICILLIN, therapeutic use/ AZATHIOPRINE, therapeutic use/ CASE REPORT/ CEPHALORIDINE, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ ISONIAZID, therapeutic use/ *LISTERIA MONOCYTOGENES, isolation & purification/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ MENINGITIS, LISTERIA, cerebrospinal fluid/ MENINGITIS, LISTERIA, complications/ MENINGITIS, LISTERIA, diagnosis/ MENINGITIS, LISTERIA, drug therapy/ *MENINGITIS, LISTERIA, microbiology/ PREDNISONE, therapeutic use/ STREPTOMYCIN, therapeutic use

1950. Hove K: Nocturnal plasma insulin levels in cows with varying levels of plasma ketone bodies; relations to plasma sugar and acetoacetate.

Acta Endocrinol (Kbh) 76:513-24, Jul 74
*ACETOACETATES, blood/ ACIDOSIS, blood/ ACIDOSIS, veterinary/ ANIMAL EXPERIMENTS/ *BLOOD SUGAR, metabolism/ CATTLE DISEASES, blood/ FEMALE/ *INSULIN, blood/ *KETONE BODIES, blood/ LACTATION/ RADIOIMMUNOASSAY/ TIME FACTORS

1951. Howell RR, Moore CM: Prenatal diagnosis in the prevention of genetic disease.

Tex Med 70:77-84, May 74
ABORTION, THERAPEUTIC/ AMNIOTIC FLUID, analysis/ CHROMOSOME ABNORMALITIES, diagnosis/ ENZYMES, metabolism/ FEMALE/ FETAL DISEASES, diagnosis/ *HEREDITARY DISEASES, prevention & control/ HUMAN/ METABOLISM, INBORN ERRORS, diagnosis/ PREGNANCY/ *PRENATAL DIAGNOSIS/ SEX CHROMATIN, analysis

1952. Howenstine JA, Slaton P, Spitalny A, et al: Flank pain and hematuria in a young man with renal artery arteriosclerosis: remission of symptoms during administration of dipyridamole. J Urol 112:13-5, Jul 74

ANGIOGRAPHY/ *ARTERIOSCLEROSIS, complications/ ARTERIOSCLEROSIS, drug therapy/ CASE REPORT/ *DIPYRIDAMOLE, therapeutic use/ EXERTION/ *HEMATURIA, drug therapy/ HEMATURIA, etiology/ HEMATURIA, surgery/ HEMORRHAGE, etiology/ HUMAN/ ISCHEMIA/ KIDNEY, blood supply/ MALE/ NEPHRECTOMY/ PAIN, drug therapy/ PAIN, etiology/ POSTOPERATIVE COMPLICATIONS/ RECURRENCE/ RENAL ARTERY, radiography/ *RENAL ARTERY OBSTRUCTION, complications/ RENAL VEINS, analysis/ RENIN, analysis/ UROGRAPHY

1953. Howie PW, Prentice CR, McNicol GP: A method of antithrombin estimation using plasma defibrinates with anicrod. Br J Haematol 25:101-10, Jul 73

*ANTITHROMBIN, analysis/ BLOOD COAGULATION TESTS/ *CONTRACEPTIVES, ORAL/ FEMALE/ *FIBRIN/ FIBRINOGEN, analysis/ HEAT/ HUMAN/ METHODS/ PLASMA/ *SNAKES/ THROMBIN, analysis/ *VENOMS

1954. Howland BE, Jack MI, Beaton DB: Effect of hemiovarietomy and strain of rat on serum

gonadotropin levels. Experientia 30:653-4, 15 Jun 74

ANIMAL EXPERIMENTS/ *CASTRATION/ *ESTRUS/ FEMALE/ *FSH, blood/ *LH, blood/ *OVARY, physiology/ RADIOIMMUNOASSAY/ SPECIES SPECIFICITY

1955. Howland BE, Zebrowski EJ: Serum and pituitary gonadotropin levels in alloxan-diabetic rats.

Horm Metab Res 6:121-4, Mar 74
AGING/ ALLOXAN, pharmacodynamics/ *ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ BODY WEIGHT/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FSH, blood/ FSH, metabolism/ GLYCOSURIA/ *GONADOTROPINS, blood/ *GONADOTROPINS, PITUITARY, metabolism/ LH, blood/ LH, metabolism/ MALE/ ORGAN WEIGHT/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, growth & development/ PITUITARY GLAND, metabolism/ PROSTATE, metabolism/ RATS/ TESTIS, metabolism/ TIME FACTORS

1956. Hrubesch M, Wagner H, Wenning N, et al: Hypophysen-Nebennierenrindenregulation bei Patienten mit chronischer Niereninsuffizienz unter Dauerhämodialyse.

Verh Dtsch Ges Inn Med 79:731-4, 1973 (Ger)
*ADRENAL GLANDS, physiopathology/ ADULT/ BLOOD SUGAR, analysis/ CORTICOTROPIN, blood/ *HEMODIALYSIS/ HUMAN/ HYDROCORTISONE, blood/ *KIDNEY FAILURE, CHRONIC, physiopathology/ MIDDLE AGE/ *PITUITARY GLAND, physiopathology

1957. Hryczak EG, O'Brien PJ: Microsomal electron transport.

II. Reduced nicotinamide adenine dinucleotide--cytochrome b5 reductase and cytochrome P-450 as electron carriers in microsomal NADH-peroxidase activity.

Arch Biochem Biophys 160:230-45, Jan 74
ADRENAL GLANDS, cytology/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ ANTIMETABOLITES, pharmacodynamics/ CARBON MONOXIDE, pharmacodynamics/ CATTLE/ CYANIDES, pharmacodynamics/ *CYTOCHROME P-450, metabolism/ *CYTOCHROME REDUCTASES, metabolism/ ELECTRON TRANSPORT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ *MICROSOMES, enzymology/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ NAD/ NADP/ ORGAN SPECIFICITY/ OSMOLAR CONCENTRATION/ PEROXIDASES, metabolism/ RATS/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN, pharmacodynamics

1958. Hsin-Hsiung-Tai, Tai CL, Hollander CS: Regulation of prostaglandin metabolism: inhibition of 15-hydroxyprostaglandin dehydrogenase by thyroid hormones.

Biochem Biophys Res Commun 57:457-62, 25 Mar 74
*ALCOHOL OXIDOREDUCTASES, antagonists & inhibitors/ ALCOHOL OXIDOREDUCTASES, isolation & purification/ BINDING SITES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ GEL FILTRATION/ HYDROXYAPATITE/ KIDNEY, enzymology/ KINETICS/ NAD/ PROSTAGLANDINS/ *PROSTAGLANDINS, metabolism/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ *THYROID HORMONES, pharmacodynamics/ *THYROXINE, pharmacodynamics/ *TRIIODOTHYRONINE, pharmacodynamics

1959. Hsu LL, Mandel AJ: Stimulation of brain aromatic alkylamine N-methyltransferase activity by FAD and methylcobalamin. Life Sci 14:877-85, 1 Mar 74

ADENINE, pharmacodynamics/ ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE, pharmacodynamics/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ALLOSTERIC

AUTHOR SECTION

- REGULATION/ AMINES/ AMINOPHYLLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BINDING SITES/ BRAIN, drug effects/ *BRAIN, enzymology/ CARBON RADIOISOTOPES/ *FAD, pharmacodynamics/ FMN, pharmacodynamics/ KINETICS/ MERCAPTOETHANOL, pharmacodynamics/ *METHYLTRANSFERASES, metabolism/ NAD, pharmacodynamics/ OXIDATION-REDUCTION/ PAPAVERINE, pharmacodynamics/ PROTEIN BINDING/ RATS/ TETRAHYDROFOLATES/ *VITAMIN B 12, pharmacodynamics
1960. Huang TF: Effect of tetrodotoxin on experimental arrhythmias. *Eur J Pharmacol* 26:77-81, Apr 74
ACONITE/ ANIMAL EXPERIMENTS/ ARRRHYTHMIA, chemically induced/ *ARRHYTHMIA, drug therapy/ CAROTID ARTERIES, physiology/ DOGS/ ELECTRIC STIMULATION/ ELECTRODES, IMPLANTED/ HYPOTHALAMUS, physiology/ LANATOSIDES/ *TETRODOTOXIN, therapeutic use/ TIME FACTORS/ VAGOTOMY/ VAGUS NERVE, physiology/ VENTRICULAR FIBRILLATION, drug therapy
1961. Huber A, Hiersche HD: Gynäkologische Probleme vor der Geschlechtsreife. Grundlagen und Praxis der Kindergynäkologie. 2. Entzündliche Genitalerkrankungen, genitale Blutungen. *Fortschr Med* 92:735-9, 13 Jun 74 (Ger)
AGE FACTORS/ BACTERIAL INFECTIONS, complications/ BARTHOLIN'S GLANDS/ FEMALE/ FOREIGN BODIES, complications/ *GYNECOLOGIC DISEASES, diagnosis/ HUMAN/ MENARCHE/ MYCOSES, complications/ OVARIAN DISEASES, diagnosis/ PUBERTY/ TRICHOMONAS VAGINITIS, diagnosis/ UTERINE HEMORRHAGE, etiology/ VAGINA/ VAGINITIS, etiology/ VULVOVAGINITIS, etiology
1962. Huber TL: Effect of intraruminal inoculation on adaptation of lambs and heifers to a high-energy ration. *Am J Vet Res* 35:639-41, May 74
*ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ *ANIMAL FEED/ BODY WEIGHT/ *CATTLE, metabolism/ CORN/ FASTING/ FERMENTATION/ MALE/ *RENIN, metabolism/ RUMEN, microbiology/ *SHEEP, metabolism/ SOY BEANS/ TIME FACTORS
1963. Huberman JA, Horwitz H: Discontinuous DNA synthesis in mammalian cells. *Cold Spring Harbor Symp Quant Biol* 38:233-8, 1973
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CELL LINE/ *CELL NUCLEUS/ CELLS, CULTURED/ *DNA, biosynthesis/ DNA REPLICATION/ FEMALE/ HAMSTERS/ OVARY/ RNA, pharmacodynamics/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM
1964. Hübner G, Voss C, Hartmann N: Zur Physiologie und Pathophysiologie der Ketonkörper II. Regulation der Ketonkörperbildung und -verwertung. *Z Gesamte Inn Med* 29:89-94, 1 Feb 74 (Ger)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ COENZYME A, metabolism/ ENERGY METABOLISM/ ENGLISH ABSTRACT/ EPINEPHRINE, metabolism/ FRUCTOSE, metabolism/ GLYCEROPHOSPHATES, metabolism/ KETONE BODIES, biosynthesis/ *KETONE BODIES, metabolism/ LIPASE, metabolism/ LIPIDS, metabolism/ LIPOTROPIN, metabolism/ LIVER, enzymology/ LIVER, metabolism/ LIVER GLYCOGEN, metabolism/ PYRUVATES, metabolism/ TESTOSTERONE, metabolism/ THYROTROPIN RELEASING HORMONE, metabolism
1965. Hudson MJ, Smart CJ: Carcinoma of the male breast. *Br J Surg* 61:440-4, Jun 74
ADENOCARCINOMA, surgery/ ADENALECTOMY/ BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, mortality/ BREAST NEOPLASMS, pathology/ BREAST NEOPLASMS, radiotherapy/ *BREAST NEOPLASMS, surgery/ CASTRATION/ CYCLOPHOSPHAMIDE, therapeutic use/ DIETHYLSTILBESTROL, therapeutic use/ HUMAN/ LUNG NEOPLASMS, pathology/ LYMPHATIC METASTASIS/ MALE/ MASTECTOMY/ PROGNOSIS/ RADIOTHERAPY DOSAGE
1966. Hudson RW, Schachter H, Killinger DW: The conversion of cortisol to 11beta-hydroxyandrostenedione by beef adrenal tissue. *Endocrinology* 95:38-47, Jul 74
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ADRENAL GLANDS, cytology/ ADRENAL GLANDS, enzymology/ *ADRENAL GLANDS, metabolism/ BINDING, COMPETITIVE/ CALCIUM, pharmacodynamics/ CARBON RADIOISOTOPES/ EDTA, pharmacodynamics/ *HYDROCORTISONE, metabolism/ HYDROGEN-ION CONCENTRATION/ LYASES, metabolism/ MAGNESIUM, pharmacodynamics/ MICROSOMES, metabolism/ NADP, pharmacodynamics/ OXYGEN, metabolism/ SUBCELLULAR FRACTIONS, metabolism/ TEMPERATURE/ TIME FACTORS/ TRITIUM/ TROMETHAMINE, pharmacodynamics
1967. Huebner E, Davey KG: Bacteroids in the ovaries of a tsetse fly. *Nature* 249:260-1, 17 May 74
ANIMAL EXPERIMENTS/ *BACTERIA, isolation & purification/ CYTOPLASM, microbiology/ FEMALE/ GRAM NEGATIVE BACTERIA, isolation & purification/ MICROSCOPY, ELECTRON/ OVARY, cytology/ OVARY, microbiology/ OVUM, microbiology/ SYMBIOTES, isolation & purification/ *TSETSE FLIES
1968. Huff JE, Hernandez L: Contraceptives available by prescription. *J Am Pharm Assoc* 14:244-51, May 74
*CONTRACEPTIVE DEVICES/ *CONTRACEPTIVES, ORAL/ INTRAUTERINE DEVICES/ *PRESCRIPTIONS
1969. Hüfner M, Hesch RD, Mühlen V zur, et al: Klinische Ergebnisse mit einer radioimmunologischen Bestimmungsmethode für Trijodthyronin. *Verh Dtsch Ges Inn Med* 79:1226-7, 1973 (Ger)
FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOTHYROIDISM, diagnosis/ METHODS/ PREGNANCY/ RADIOIMMUNOASSAY/ *TRIJODTHYRONINE, analysis
1970. Hughes DW: Aplastic anaemia in childhood. 3. Constitutional aplastic anaemia and related cytopenias. *Med J Aust* 1:519-26, 6 Apr 74
ABNORMALITIES, complications/ ADOLESCENCE/ ANDROGENS, therapeutic use/ ANEMIA, APLASTIC, blood/ ANEMIA, APLASTIC, classification/ ANEMIA, APLASTIC, complications/ ANEMIA, APLASTIC, drug therapy/ *ANEMIA, APLASTIC, familial & genetic/ ANEMIA, APLASTIC, therapy/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABERRATIONS/ FEMALE/ FETAL HEMOGLOBIN, analysis/ HUMAN/ LEUKEMIA, drug therapy/ LEUKEMIA, familial & genetic/ MALE/ SYNDROME/ THROMBOPENIA, complications
1971. Hughes JT: Pathology of muscle. *Major Probl Pathol* 4:1-218, 1974
ALCOHOLISM, pathology/ BACTERIAL INFECTIONS, pathology/ COLLAGEN DISEASES, pathology/ ENDOCRINE DISEASES, pathology/ HISTOLOGICAL TECHNIQS/ HUMAN/ ISCHEMIA, pathology/ METABOLISM, INBORN ERRORS, pathology/ MUSCLE DENERVATION/ MUSCLES, blood supply/ MUSCLES, cytology/ MUSCLES, injuries/ *MUSCLES, pathology/ MUSCLES, physiology/ MUSCULAR DISEASES, chemically induced/ MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, etiology/ *MUSCULAR DISEASES, pathology/ MUSCULAR DYSTROPHY, pathology/ MYOSITIS, pathology/ NEOPLASMS, MUSCLE TISSUE,

AUTHOR SECTION

pathology/ NEUROMUSCULAR DISEASES,
pathology/ POLIOMYELITIS, pathology/
SPINAL CORD DISEASES, pathology/
TRICHINOSIS, pathology

1972. Hugues J: Cyclic AMP and platelet aggregation. Acta Univ Carol [Med Monogr] (Praha) 53:179-84, 1972
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENOSINE
DIPHOSPHATE, pharmacodynamics/
CAFFEINE, pharmacodynamics/ COLLAGEN,
pharmacodynamics/ DENSITOMETRY/
DEPRESSION, CHEMICAL/ EPINEPHRINE,
pharmacodynamics/ GLUCAGON,
pharmacodynamics/ HUMAN/ IMIDAZOLES,
pharmacodynamics/ IN VITRO/ PAPAVERINE,
pharmacodynamics/ *PLATELET
ADHESIVENESS/ PLATELET ADHESIVENESS,
drug effects/ PROSTAGLANDINS,
pharmacodynamics/ THEOPHYLLINE,
pharmacodynamics

1973. Huhtaniemi I: Metabolism of pregnenolone and pregnenolone sulphate in human foetal liver tissue in vitro. Acta Endocrinol (Kbh) 76:525-38, Jul 74
CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, THIN LAYER/ FETUS,
metabolism/ GEL FILTRATION/
GESTATIONAL AGE/ HUMAN/
HYDROXYLATION/
HYDROXYYPREGNENOLONE, metabolism/
HYDROXYSTEROID DEHYDROGENASES,
metabolism/ HYDROXYSTERIODS, metabolism/
IN VITRO/ KETOSTEROIDS, metabolism/
*LIVER, metabolism/ PREGNADIENES,
metabolism/ PREGNENES/ *PREGNENOLONE,
metabolism/ SPECTRUM ANALYSIS, MASS/
SULFUR RADIOISOTOPES/ TRITIUM

1974. Huhtaniemi I: Endogenous neutral steroids in the lung tissue of early and mid-term human fetuses and in vitro studies on their formation. Acta Endocrinol (Kbh) 75:148-58, Jan 74
ANDROGENS, isolation & purification/
*ANDROGENS, metabolism/
CHROMATOGRAPHY, GAS/ *FETUS,
metabolism/ GEL FILTRATION/
GESTATIONAL AGE/ HUMAN/ LUNG,
embryology/ *LUNG, metabolism/
PREGNANCY/ PREGNENOLONE, isolation &
purification/ *PREGNENOLONE, metabolism/
SPECTRUM ANALYSIS, MASS/ SULFATES,
metabolism/ TRITIUM

1975. Huidobro-Toro JP, De Carolis AS, Longo VG: Action of two hypothalamic factors (TRH, MIF) and of angiotensin II on the behavioral effects of L-DOPA and 5-hydroxytryptophan in mice. Pharmacol Biochem Behav 2:105-9, Jan-Feb 74
AGGRESSION, drug effects/ *ANGIOTENSIN
II, pharmacodynamics/ ANIMAL
EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug
effects/ *BIOGENIC AMINES,
pharmacodynamics/ DOPA, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
DRUG SYNERGISM/ HYDROXYTRYPTOPHAN,
pharmacodynamics/ MALE/ MICE/ MOTOR
ACTIVITY, drug effects/ *MSH/
*OLIGOPEPTIDES, pharmacodynamics/
PARGYLINE, pharmacodynamics/ *PITUITARY
HORMONE RELEASING HORMONES,
antagonists & inhibitors/ STEREOTYPED
BEHAVIOR, drug effects/ STIMULATION,
CHEMICAL/ *THYROTROPIN RELEASING
HORMONE, pharmacodynamics/ TIME
FACTORS/ TREMOR, chemically induced

1976. Hulet CV, Price DA, Foote WC: Effects of month of breeding and feed level on ovulation and lambing rates of Panama ewes. J Anim Sci 39:73-8, Jul 74
ANIMAL EXPERIMENTS/ ANIMAL FEED/
*ANIMAL NUTRITION/ BREEDING/ CORPUS
LUTEUM, physiology/ ESTRUS/ FEMALE/
*OVULATION/ PANAMA/ *PREGNANCY,
ANIMAL/ SEASONS/ *SHEEP, physiology

1977. Hulet CV, Shelton M, Gallagher JR, et al: Effects of origin and environment on reproductive phenomena in Rambouillet ewes. I. Breeding season and ovulation. J Anim Sci 38:1201-17, Jun 74

ANIMAL EXPERIMENTS/ BREEDING/
CIRCADIAN RHYTHM/ ENVIRONMENTAL
EXPOSURE/ ESTRUS/ FEMALE/ IDAHO/
*OVULATION/ *REPRODUCTION/ *SEASONS/
*SHEEP, physiology/ TEMPERATURE/ TEXAS

1978. Hull DS, Hine JE, Edelhauser JF, et al: Permeability of the isolated rabbit cornea to corticosteroids. Invest Ophthalmol 13:457-9, Jun 74
ACETATES, metabolism/ ANIMAL
EXPERIMENTS/ BIOLOGICAL TRANSPORT/
CELL MEMBRANE PERMEABILITY/
*CORNEA, metabolism/ DEXAMETHASONE,
metabolism/ DIFFUSION/ EPITHELIUM,
metabolism/ FLUOROMETHOLONE,
metabolism/ *GLUCOCORTICIDS, metabolism/
IN VITRO/ METHODS/ MOLECULAR
WEIGHT/ PHOSPHATES, metabolism/
PREDNISOLONE, metabolism/ RABBITS/
SODIUM, metabolism/ TIME FACTORS/
TRITIUM

1979. Hull RD, Sebel E, Stokes GS, et al: Results of screening for pheochromocytoma in 17 hypertensive patients with episodic symptoms. Med J Aust 1:381-5, 16 Mar 74
ADRENAL GLAND NEOPLASMS, blood/
*ADRENAL GLAND NEOPLASMS, diagnosis/
ADRENAL GLAND NEOPLASMS, radiography/
ADRENAL GLAND NEOPLASMS, urine/
ADULT/ DIAGNOSIS, DIFFERENTIAL/
EPINEPHRINE, blood/ EPINEPHRINE, urine/
FEMALE/ GLUCAGON, diagnostic use/
HUMAN/ *HYPERTENSION, diagnosis/ MALE/
MIDDLE AGE/ NOREPINEPHRINE, blood/
NOREPINEPHRINE, urine/ PHENTOLAMINE,
diagnostic use/ PHEOCHROMOCYTOMA,
blood/ *PHEOCHROMOCYTOMA, diagnosis/
PHEOCHROMOCYTOMA, radiography/
PHEOCHROMOCYTOMA, urine/
VANILMANDELIC ACID, urine/ VENA CAVA,
INFERIOR

1980. Hulme EC, Hill R, North M, et al: Effects of chronic administration of drugs which modify neurotransmitter re-uptake, storage and turnover on levels of tyrosine and tryptophan hydroxylase in rat brain. Biochem Pharmacol 23:1393-404, 1 May 74
ANIMAL EXPERIMENTS/ BRAIN, drug
effects/ *BRAIN, enzymology/ BRAIN,
metabolism/ DEXTRO AMPHETAMINE,
pharmacodynamics/ DRINKING BEHAVIOR,
drug effects/ EATING, drug effects/
*HYDROXYLASES, metabolism/ IMIPRAMINE,
pharmacodynamics/ IPRINDOLE,
pharmacodynamics/ KINETICS/ MALE/ NERVE
TISSUE PROTEINS, metabolism/ *NEURAL
TRANSMISSION, drug effects/
*NEUROHUMORS, metabolism/ PARGYLINE,
pharmacodynamics/ RATS/ RESERPINE,
pharmacodynamics/ SEROTONIN, biosynthesis/
TIME FACTORS/ TRANLYCYPRIMINE,
pharmacodynamics/ TRITIUM/ TRYPTOPHAN
HYDROXYLASE, metabolism/ *TYROSINE
HYDROXYLASE, metabolism

1981. Hum VG, Knipfel JE, Mori KF: Human chorionic gonadotropin, reaction with tetranitromethane. Biochemistry 13:2359-64, 21 May 74
ALKYLATION/ AMINO ACIDS, analysis/
BIOLOGICAL ASSAY/ CATTLE/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ FEMALE/ GEL FILTRATION/
GONADOTROPINS, CHORIONIC, analysis/
*GONADOTROPINS, CHORIONIC,
pharmacodynamics/ HUMAN/ LH, analysis/
MACROMOLECULAR SYSTEMS/ *METHANE/
*NITRO COMPOUNDS/
OXIDATION-REDUCTION/ PEPTIDE
FRAGMENTS/ POLYMERS/ PREGNANCY/
SEMINAL VESICLES, drug effects/ SHEEP/
SODIUM DODECYL SULFATE/
STRUCTURE-ACTIVITY RELATIONSHIP/
TRYPSIN/ TYROSINE, analysis

1982. Humes JL, Cupo JJ Jr, Strausser HR: Effects of indomethacin on Moloney sarcoma virus-induced tumors. Prostaglandins 6:463-73, 25 Jun 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ANIMAL
EXPERIMENTS/ ANTILYMPHOCYTE SERUM,

AUTHOR SECTION

- pharmacodynamics/ *CELL DIVISION, drug effects/ DEPRESSION, CHEMICAL/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ IMMUNOSUPPRESSION/ *INDOMETHACIN, pharmacodynamics/ MALE/ MICE, INBRED BALB C/ MOLONEY VIRUS/ *PROSTAGLANDINS, metabolism/ *SARCOMA, EXPERIMENTAL, metabolism/ SARCOMA, EXPERIMENTAL, pathology/ STIMULATION, CHEMICAL/ TIME FACTORS
1983. Hummel BC, Brown GM, Webster BR, et al: Cross-reactivity of monkey pituitary extracts in human radioimmunoassays. *Gen Comp Endocrinol* 23:143-53, Jun 74
ANIMAL EXPERIMENTS/ ANTIBODIES/ *CROSS REACTIONS/ FSH, analysis/ GUINEA PIGS, immunology/ HUMAN/ LH, analysis/ MACACA/ *MONKEYS/ *PITUITARY GLAND, immunology/ *PITUITARY HORMONES, ANTERIOR, analysis/ PROLACTIN, analysis/ RABBITS, immunology/ *RADIOIMMUNOASSAY/ SOMATOTROPIN, analysis/ THYROTROPIN, analysis
1984. Humphries J, Fisher G, Wan YP, et al: Analogs of the luteinizing hormone-releasing hormone to study conformational aspects of the aromatic amino acid moieties and inhibition. *J Med Chem* 17:569-71, Jun 74
AMINO ACID SEQUENCE/ *AMINO ACIDS/ ANIMAL EXPERIMENTS/ FEMALE/ FSH, antagonists & inhibitors/ IMMUNE SERUMS/ LH, antagonists & inhibitors/ *LH-FSH RELEASING HORMONE, chem synthesis/ LH-FSH RELEASING HORMONE, pharmacodynamics/ OLIGOPEPTIDES, chem synthesis/ OLIGOPEPTIDES, pharmacodynamics/ PITUITARY GLAND, drug effects/ PROTEIN CONFORMATION/ RADIOIMMUNOASSAY/ RATS/ SHEEP, immunology/ STRUCTURE-ACTIVITY RELATIONSHIP
1985. Humphries J, Wan YP, Fisher G, et al: Acidic analogs of the luteinizing hormone-releasing hormone and conformational aspects for activity. *Biochem Biophys Res Commun* 57:675-82, 8 Apr 74
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ FSH, secretion/ LH, secretion/ LH-FSH RELEASING HORMONE, biosynthesis/ *LH-FSH RELEASING HORMONE, metabolism/ OPTICAL ROTATION/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP
1986. Hunt JC, Sheps SG, Harrison EG Jr, et al: Renal and renovascular hypertension. A reasoned approach to diagnosis and management. *Arch Intern Med* 133:988-99, Jun 74
ADOLESCENCE/ ADULT/ AGED/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ CALCIUM, blood/ EDEMA, complications/ FEMALE/ FOLLOW-UP STUDIES/ FUNDUS OCULI/ HUMAN/ HYPERTENSION, RENAL, complications/ *HYPERTENSION, RENAL, diagnosis/ HYPERTENSION, RENAL, drug therapy/ HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, familial & genetic/ HYPERTENSION, RENAL, occurrence/ HYPERTENSION, RENAL, radiography/ HYPERTENSION, RENAL, surgery/ HYPERTENSION, RENAL, therapy/ KIDNEY DISEASES, complications/ MALE/ MEDICAL HISTORY TAKING/ MIDDLE AGE/ PHYSICAL EXAMINATION/ POTASSIUM, blood/ PROSPECTIVE STUDIES/ RENAL ARTERY, radiography/ *RENAL ARTERY OBSTRUCTION, complications/ RENIN, blood/ URINE, analysis/ UROGRAPHY
1987. Hunt JP: Addison's disease and thyrotoxicosis. *Proc R Soc Med* 67:322, May 74
ADDISON'S DISEASE, complications/ *ADDISON'S DISEASE, diagnosis/ AUTOANTIBODIES/ BLOOD CELL COUNT/ CASE REPORT/ DIARRHEA, complications/ EXOPHTHALMOS, etiology/ FEMALE/
- FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ HYPERTHYROIDISM, complications/ *HYPERTHYROIDISM, diagnosis/ THYROID GLAND FUNCTION TESTS/ VOMITING, complications
1988. Hunt RC, Ellar DJ: Isolation of the plasma membrane of a trypanosomatid flagellate: general characterisation and lipid composition. *Biochim Biophys Acta* 339:173-89, 15 Mar 74
ACID PHOSPHATASE, analysis/ ADENOSINE TRIPHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CARBOHYDRATES, analysis/ CELL FRACTIONATION/ CELL MEMBRANE, analysis/ CELL MEMBRANE, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ CEPHALINS, analysis/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CYTOCHROME OXIDASE, analysis/ ERGOSTEROL, analysis/ FATTY ACIDS, analysis/ LECITHINS, analysis/ *LIPIDS, analysis/ *MASTIGOPHORA, cytology/ MICROSCOPY, ELECTRON/ MICROTUBULES, analysis/ NUCLEOTIDASES, analysis/ SILICA/ SUCCINATE DEHYDROGENASE, analysis
1989. Hunt WA, Majchrowicz E: Turnover rates and steady-state levels of brain serotonin in alcohol-dependent rats. *Brain Res* 72:181-4, 31 May 74
ALCOHOL, ETHYL, blood/ *ALCOHOL, ETHYL, pharmacodynamics/ ALCOHOLIC INTOXICATION, metabolism/ *ALCOHOLISM, metabolism/ ANIMAL EXPERIMENTS/ *BRAIN, drug effects/ BRAIN, metabolism/ CHROMATOGRAPHY, GAS/ DISEASE MODELS, ANIMAL/ DRUG WITHDRAWAL SYMPTOMS/ MALE/ PARGYLINE, pharmacodynamics/ RATS/ *SEROTONIN, metabolism
1990. Hunter FR, Anderson J, Lunn TA, et al: Letter: Diabetic retinopathy and prolactin. *Lancet* 1:1237, 15 Jun 74
CIRCADIAN RHYTHM/ DIABETIC RETINOPATHY, blood/ *DIABETIC RETINOPATHY, etiology/ HALF-LIFE/ HUMAN/ *PROLACTIN, blood/ PROLACTIN, secretion
1991. Hunter WM, Edmond P, Watson GS, et al: Proceedings: Plasma follicle-stimulating hormone and luteinizing hormone in subfertile men. *N Engl J Med* 291:xxxx, 11 Jun 74
CELL COUNT/ *FSH, blood/ HUMAN/ *LH, blood/ MALE/ SPERMATOOA/ *STERILITY, MALE, blood/ STERILITY, MALE, pathology
1992. Hurst JG, Newcomer WS, Morrison JA: Some effects of DDT, toxaphene and polychlorinated biphenyl on thyroid function in Bobwhite quail. *Poult Sci* 53:125-33, Jan 74
ADMINISTRATION, ORAL/ ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ ANIMAL FEED/ DDT, administration & dosage/ *DDT, pharmacodynamics/ FEMALE/ *INSECTICIDES, ORGANOCHLORINE, pharmacodynamics/ IODINE, metabolism/ IODINE RADIOISOTOPES/ LIVER, anatomy & histology/ LIVER, drug effects/ MALE/ ORGAN WEIGHT/ POLYCHLOROBIPHENYL COMPOUNDS, administration & dosage/ *POLYCHLOROBIPHENYL COMPOUNDS, pharmacodynamics/ *QUAIL, physiology/ THYROID GLAND, anatomy & histology/ *THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ TOXAPHENE, administration & dosage/ TOXAPHENE, pharmacodynamics
1993. Hušek P: Derivatization of amino acids with 1,3-dichlorotetrafluoroacetone and its use in gas chromatography. *J Chromatogr* 91:475-81, 24 Apr 74
*ACETONE/ *AMINO ACIDS/ AMINO ACIDS, analysis/ AMINO ACIDS, DICARBOXYLIC, analysis/ CHEMISTRY/ *CHROMATOGRAPHY, GAS/ DIODOTYROSINE, analysis/ HYDROCARBONS, HALOGENATED/

AUTHOR SECTION

- HYDROXYLATION/ KETONES, analysis/
OXAZOLES, analysis/ POLAROGRAPHY/
TEMPERATURE/ TYROSINE, analysis
1994. Hušek P: Gas chromatographic behaviour of amino acid oxazolidinones. Response to flame ionization and electron capture detectors.
J Chromatogr 91:483-92, 24 Apr 74
ACETONE/ *CHROMATOGRAPHY, GAS/
*DIIODOTYROSINE, analysis/ ELECTRONS/
ESTERS, analysis/ HEAT/ *IODOTYROSINE,
analysis/ METHYLATION/ *OXAZOLES/
*TYROSINE, analysis
1995. Hussey HH: Editorial: Gynecomastia.
JAMA 228:1423, 10 Jun 74
AGE FACTORS/ ANTIDEPRESSIVE AGENTS,
adverse effects/ BUSULFAN, adverse effects/
CHILD/ CHILD, PRESCHOOL/ DIGITALIS
GLYCOSIDES, adverse effects/ ESTROGENS,
urine/ ETHIONAMIDE, adverse effects/
FEMALE/ GYNECOMASTIA, chemically
induced/ *GYNECOMASTIA, diagnosis/
GYNECOMASTIA, surgery/ HUMAN/
ISONIAZID, adverse effects/ MALE/
MASTECTOMY/ MATERNAL-FETAL
EXCHANGE/ PREGNANCY/ PUBERTY/
SPIRONOLACTONE, adverse effects
1996. Hutchison JC, Wilkinson WH: Halofenate:
effectiveness of two dosage forms and two dose
schedules. Atherosclerosis 19:417-28, May-Jun 74
ADMINISTRATION, ORAL/ ADULT/ AGED/
*ANTILIPEMIC AGENTS, administration &
dosage/ BILIRUBIN, blood/ CAPSULES/
CHOLESTEROL, blood/ CREATINE KINASE,
blood/ DOSE-RESPONSE RELATIONSHIP,
DRUG/ FEMALE/ *GLYCOLATES,
administration & dosage/ HALOFENATE,
administration & dosage/ HALOFENATE,
adverse effects/ HALOFENATE, metabolism/
HALOFENATE, therapeutic use/ HUMAN/
HYPERLIPEMIA, classification/ MALE/
MIDDLE AGE/ PROTEIN-BOUND IODINE
TEST/ PROTHROMBIN TIME/ SERUM
ALBUMIN, analysis/ TABLETS/
*TRIGLYCERIDES, blood/ *URIC ACID, blood/
URICOSURIC AGENTS, administration &
dosage
1997. Huth K, Blumenthal J, Schmahl FW: Diätetische und
medikamentöse Therapie der Hyperlipidämien bzw.
Hyperlipoproteinämien.
Med Klin 68:1089-97, 24 Aug 73 (Ger)
CHOLESTEROL, blood/ CHOLESTYRAMINE,
therapeutic use/ CLOFIBRATE, therapeutic
use/ *DIET THERAPY/ HUMAN/
HYPERLIPEMIA, drug therapy/
*HYPERLIPEMIA, therapy/ *LIPOPROTEINS,
blood/ NICOTINIC ACID, therapeutic use/
THYROID HORMONES, therapeutic use/
THYROXINE, therapeutic use/
TRIGLYCERIDES, blood
1998. Hutton RA, Howard MA, Deykin D, et al: Methods for
the separation of platelets from plasma. A comparison
of functional and morphological integrity.
Thromb Diath Haemorrh 31:119-32, 15 Mar 74
ADENOSINE, pharmacodynamics/ ADENOSINE
DIPHOSPHATE, pharmacodynamics/
ADENOSINE TRIPHOSPHATE,
pharmacodynamics/ ASPIRIN,
pharmacodynamics/ BLOOD COAGULATION
FACTORS/ *BLOOD PLATELETS,
drug effects/ CELL SEPARATION/
CENTRIFUGATION, DENSITY GRADIENT/
COLLAGEN/ COMPARATIVE STUDY/ GEL
FILTRATION/ HUMAN/ LUMINESCENCE/
METHODS/ MICROSCOPY, ELECTRON/
PHOSPHATASES, pharmacodynamics/
PLATELET ADHESIVENESS, drug effects/
PROSTAGLANDINS, pharmacodynamics/
SERUM ALBUMIN, BOVINE/ VENOMS
1999. Hutton WN: Letter: Thyrotrophin-releasing hormone
in depression. Lancet 2:53, 6 Jul 74
ADMINISTRATION, ORAL/ *DEPRESSION,
blood/ DEPRESSION, therapy/
ELECTROTHERAPY/ HUMAN/ THYROTROPIN
RELEASING HORMONE, administration &
dosage/ *THYROTROPIN RELEASING
HORMONE, blood
2000. Huxley HE: Muscular contraction and cell motility.
Nature 243:445-9, 22 Jun 73 (60 ref.)
ACTIN/ ADENOSINE TRIPHOSPHATASE/
ADENOSINE TRIPHOSPHATE/ ANIMAL
EXPERIMENTS/ BIOMECHANICS/ BLOOD
PLATELETS, physiology/ CALCIUM,
metabolism/ CELL MEMBRANE/ *CELL
MOVEMENT/ CYTOPLASMIC STREAMING/
EPITHELIAL CELLS/ HUMAN/ INTESTINE,
SMALL, cytology/ MICROSCOPY, ELECTRON/
MODELS, BIOLOGICAL/ *MUSCLE
CONTRACTION/ MUSCLE, SMOOTH,
physiology/ MYOSIN/ MYXOMYCELES,
physiology/ NERVE TISSUE PROTEINS/
REVIEW/ SARCOPLASMIC RETICULUM,
metabolism/ TROPOMYOSIN/ X-RAY
DIFFRACTION
2001. Huxley HE: Structural aspects of energy conversion in
muscle. Ann NY Acad Sci 227:500-3, 18 Feb 74
ACTIN/ ACTIN, metabolism/ ADENOSINE
TRIPHOSPHATE, metabolism/ CALCIUM,
metabolism/ *ENERGY TRANSFER/
KINETICS/ MODELS, BIOLOGICAL/ MUSCLE
CONTRACTION/ *MUSCLES, metabolism/
MYOSIN, metabolism/ PROTEIN
CONFORMATION/ TROPOMYOSIN/ X-RAY
DIFFRACTION
2002. Hwang P, Murray JB, Jacobs JW, et al: Human amniotic
fluid prolactin. Purification by affinity
chromatography and amino-terminal sequence.
Biochemistry 13:2354-8, 21 May 74
AMINO ACID SEQUENCE/ *AMINO ACIDS,
analysis/ *AMNIOTIC FLUID, analysis/
ANTIGEN-ANTIBODY REACTIONS/
AUTOANALYSIS/ BENZENE DERIVATIVES/
BINDING SITES, ANTIBODY/
CHROMATOGRAPHY, AFFINITY/
CHROMATOGRAPHY, GAS/ COMPARATIVE
STUDY/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ FEMALE/ GEL
FILTRATION/ HUMAN/ ORGAN
SPECIFICITY/ PITUITARY GLAND, analysis/
PITUITARY HORMONES, ANTERIOR,
analysis/ PREGNANCY/ PROLACTIN, analysis/
*PROLACTIN, isolation & purification/
RABBITS, immunology/
RADIOIMMUNOASSAY/ SULFUR
RADIOISOTOPES/ THIOHYDANTOINS
2003. Hwang TC, Clark VL, Bernlohr RW: Guanosine 3',
5'-cyclic monophosphate phosphodiesterase activity
of Bacillus licheniformis.
Biochem Biophys Res Commun 58:707-13, 4 Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
BACILLUS, cytology/ *BACILLUS, enzymology/
CALCIUM, pharmacodynamics/
CHROMATOGRAPHY, DEAE-CELLULOSE/
CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ CYTOSOL,
enzymology/ GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE/ HYDROGEN-ION
CONCENTRATION/ ISOENZYMES, isolation &
purification/ ISOENZYMES, metabolism/
KINETICS/ MAGNESIUM, pharmacodynamics/
MANGANESE, pharmacodynamics/
PHOSPHODIESTERASES, isolation &
purification/ *PHOSPHODIESTERASES,
metabolism/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ STRUCTURE-ACTIVITY
RELATIONSHIP/ ULTRACENTRIFUGATION/
ULTRASONICS
2004. Hymer WC, Snyder J, Wilfinger W, et al: Separation of
pituitary mammothrophs from the female rat by
velocity sedimentation at unit gravity.
Endocrinology 95:107-22, Jul 74
ANIMAL EXPERIMENTS/ CELL
SEPARATION/ DOPAMINE, pharmacodynamics/
FEMALE/ LACTATION/ METHODS/
MICROSCOPY, ELECTRON/ PITUITARY
GLAND, analysis/ *PITUITARY GLAND,
cytology/ PROLACTIN, analysis
2005. Hyyppä M, Wurtman RJ: Biogenic amines in the
pituitary gland: what is their origin and function?

AUTHOR SECTION

Pituitary indolamines.

Prog Brain Res 39:211-5, 1973 (29 ref.)

ANIMAL EXPERIMENTS/ *BIOGENIC AMINES, physiology/ CATS/ CATTLE/ DOPA, metabolism/ DOPAMINE, metabolism/ FLUOROMETRY/ FORMALDEHYDE/ HISTAMINE, metabolism/ HORSES/ INDOLES, physiology/ NEURONS, physiology/ PITUITARY GLAND, cytology/ *PITUITARY GLAND, physiology/ RATS/ REVIEW/ STAINS AND STAINING/ SWINE

I

2006. Iancu T, Elian E, Lerner MA: Angiography and the conservative management of neonatal adrenal haemorrhage. *Pediatr Radiol* 2:47-50, 5 Apr 74

*ADRENAL GLAND DISEASES, radiography/ ADRENAL GLAND DISEASES, therapy/ *ANGIOGRAPHY/ AORTOGRAPHY/ CALCINOSIS, radiography/ HEMATOMA, radiography/ HEMATOMA, therapy/ *HEMORRHAGE, radiography/ HEMORRHAGE, therapy/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, radiography/ INFANT, NEWBORN, DISEASES, therapy/ KIDNEY, radiography/ MALE

2007. Iannetti P, Multari G, Del Principe D, et al: Alterazioni elettroencefalografiche e neurologiche in bambini con leucemia linfoblastica acuta sottoposti a profilassi endorachidea con ametopterina e metilprednisolone. *Minerva Pediatr* 28:223-34, 18 Feb 74 (Ita)

BRAIN DISEASES, prevention & control/ DRUG SYNERGISM/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, complications/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *METHOTREXATE, administration & dosage/ *METHYLPREDNISOLONE, administration & dosage/ *NEUROLOGIC MANIFESTATIONS

2008. Iaroshenko NA, Vavilova GI: Zv'iazok mlzh khimichnolu budovolu poverkhnevo-aktyvnykh rehovyn i ikh zdatnist'iu aktyvuvaty Mg2plus, Napius, Kplus-ATF-azu mozku. *Ukr Biokhim Zh* 46:307-11, May-Jun 74 (Ukr)

*ADENOSINE TRIPHOSPHATASE, metabolism/ ANIONS/ BRAIN, cytology/ BRAIN, drug effects/ *BRAIN, enzymology/ CALCIUM, metabolism/ CATIONS, DIVALENT/ CATIONS, MONOVALENT/ ENGLISH ABSTRACT/ ENZYME ACTIVATION, drug effects/ IN VITRO/ MAGNESIUM, metabolism/ MICROSOMES, drug effects/ MICROSOMES, enzymology/ POTASSIUM, metabolism/ SOLUTIONS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SURFACE-ACTIVE AGENTS, pharmacodynamics/ SUSPENSIONS

2009. Ibayashi H, Kato K, Motomatsu T, et al: [Senescence and hormones]

Jap J Clin Med 32:20-9, Jan 74 (40 ref.) (Jap)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, secretion/ ADULT/ AGED/ *AGING/ CHILD/ CORTICOTROPIN, secretion/ FEMALE/ FSH, secretion/ GONADOTROPINS, secretion/ *HORMONES, secretion/ HUMAN/ LH, secretion/ MALE/ MICE/ MIDDLE AGE/ PITUITARY HORMONES, ANTERIOR, secretion/ REVIEW/ SOMATOTROPIN, secretion/ THYROTROPIN, secretion

2010. Ichida S, Yoshida H: Proceedings: Studies on binding of Ca++ with the synaptic plasma membrane. *Jap J Pharmacol* 24:Suppl:117, 1974

ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ IN VITRO/ *SYNAPTIC MEMBRANES, metabolism

2011. Ichii S, Murakami N, Ikeda A: Phosphorylation in vitro of adrenal subcellular proteins by adenosine-3',5'-monophosphate-dependent protein kinase: effect of ACTH in vivo. *Acta Endocrinol (Kbh)* 75:325-32, Feb 74

*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ *CORTICOTROPIN,

pharmacodynamics/ CYTOSOL, drug effects/ HISTONES, metabolism/ LIVER, analysis/ MALE/ *MICROSOMES, drug effects/ MITOCHONDRIA, drug effects/ *OXIDATIVE PHOSPHORYLATION, drug effects/ *PHOSPHOPROTEINS, metabolism/ PHOSPHORUS RADIOISOTOPES/ PRECIPITATION/ PROTEIN KINASE, isolation & purification/ *PROTEIN KINASE, pharmacodynamics/ RATS

2012. Ichikawa S, Sawada T, Nakamura Y, et al: Ovarian secretion of pregnane compounds during the estrous cycle and pregnancy in rats. *Endocrinology* 94:1615-20, Jun 74

ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ COMPARATIVE STUDY/ *ESTRUS/ FEMALE/ LH, pharmacodynamics/ OVARY, drug effects/ *OVARY, secretion/ *PREGNANCY, ANIMAL/ PREGNANEDIOL, secretion/ PREGNANEDIONES, secretion/ *PREGNANES, secretion/ PROGESTERONE, secretion/ RATS/ TIME FACTORS

2013. Ifft JD, McCarthy L: Somatic spines in the supraoptic nucleus of the rat hypothalamus. *Cell Tissue Res* 148:203-11, 11 Apr 74

ANIMAL EXPERIMENTS/ AXONS/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ *HYPOTHALAMUS, cytology/ MALE/ MICROSCOPY, ELECTRON/ MODELS, NEUROLOGIC/ NEURONS, cytology/ RIBOSOMES/ SYNAPSES

2014. Ifrim M, Sălăjan V: Sur la corrélation entre la dysgravide et les malformations congénitales du nouveau-né. *Acta Univ Carol [Med Monogr] (Praha)* 56:105-7, 1973 (Fre)

*ABNORMALITIES, etiology/ ABNORMALITIES, DRUG-INDUCED, etiology/ CARBOHYDRATES, metabolism/ DRUG THERAPY, adverse effects/ FEMALE/ HUMAN/ HYPEREMESIS GRAVIDARUM, complications/ HYPEREMESIS GRAVIDARUM, drug therapy/ INFANT, NEWBORN/ KIDNEY DISEASES, drug therapy/ MATERNAL-FETAL EXCHANGE/ PAPAVERINE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, drug therapy/ PROGESTERONE, therapeutic use/ TRANQUILIZING AGENTS, therapeutic use

2015. Igarashi Y: [Adrenogenital syndrome (in children): pediatric aspect]

Clin Endocrinol (Tokyo) 22:216-7, Jan 74 (Jap)
ADRENAL CORTEX HORMONES, therapeutic use/ *ADRENOGENITAL SYNDROME, drug therapy/ CHILD/ FEMALE/ HUMAN/ MALE

2016. Igrc R, Fajgelj A, Djurović N, et al: Plasma renin and angiotensin I converting enzyme activity in anaphylactic shock. *Acta Med Hungar* 28:177-81, 1974

*ANAPHYLAXIS, enzymology/ ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ KININASE II, blood/ *RENIN, blood

2017. Ignarro LJ: Release of neutral protease and beta-glucuronidase from human neutrophils in the presence of cartilage treated with various immunologic reactants. *J Immunol* 113:298-308, Jul 74

ALLOPURINOL, pharmacodynamics/ ARTHRITIS, RHEUMATOID, immunology/ ASPIRIN, pharmacodynamics/ *CARTILAGE, metabolism/ CHLOROQUINE, pharmacodynamics/ COLCHICINE, pharmacodynamics/ FACTOR VIII/ *GLUCURONIDASE, secretion/ HEAT/ HUMAN/ *IGG/ INDOMETHACIN, pharmacodynamics/ IODINE RADIOISOTOPES/ LACTATE DEHYDROGENASE, metabolism/ METHYLPREDNISOLONE, pharmacodynamics/ NEUTROPHILS, drug effects/ *NEUTROPHILS enzymology/ NEUTROPHILS, immunology/ *PEPTIDE HYDROLASES, secretion/ PROBENECID, pharmacodynamics/ PROTEIN DENATURATION/ SULFUR RADIOISOTOPES/ SYNOVIAL FLUID, immunology/

AUTHOR SECTION

- TRIAMCINOLONE ACETONIDE,
pharmacodynamics/ VINBLASTINE,
pharmacodynamics
2018. Ignarro LJ, George WJ: Mediation of immunologic discharge of lysosomal enzymes from human neutrophils by guanosine 3',5'-monophosphate. Requirement of calcium, and inhibition by adenosine 3',5'-monophosphate. *J Exp Med* 140:225-38, 1 Jul 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
CALCIUM, metabolism/ GLUCURONIDASE,
metabolism/ *GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
HUMAN/ IN VITRO/ LYSOSOMES,
enzymology/ NEUTROPHILS, drug effects/
*NEUTROPHILS, enzymology/ NEUTROPHILS,
immunology/ NEUTROPHILS, metabolism
2019. Ignarro LJ, George WJ: Hormonal control of lysosomal enzyme release from human neutrophils: elevation of cyclic nucleotide levels by autonomic neurohormones.
Proc Natl Acad Sci USA 71:2027-31, May 74
ACETYLCHOLINE, pharmacodynamics/
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ATROPINE,
pharmacodynamics/ DRUG ANTAGONISM/
EPINEPHRINE, pharmacodynamics/
*GLUCURONIDASE, metabolism/ *GUANOSINE
CYCLIC 3',5' MONOPHOSPHATE, metabolism/
GUANOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ HUMAN/ LACTATE
DEHYDROGENASE, metabolism/ *LYSOSOMES,
metabolism/ *NEUROHORMONS,
pharmacodynamics/ *NEUTROPHILS,
enzymology/ PHENTOLAMINE,
pharmacodynamics/ PROPRANOLOL,
pharmacodynamics/ STIMULATION,
CHEMICAL/ THEOPHYLLINE,
pharmacodynamics/ ZYMOSAN,
pharmacodynamics
2020. Ignarro LJ, Lint TF, George WJ: Hormonal control of lysosomal enzyme release from human neutrophils. Effects of autonomic agents on enzyme release, phagocytosis, and cyclic nucleotide levels.
J Exp Med 139:1395-414, 1 Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
blood/ ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ARTHRITIS, RHEUMATOID, immunology/
*CATECHOLAMINES, pharmacodynamics/
CELL SEPARATION/ *GLUCURONIDASE,
metabolism/ GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, blood/ GUANOSINE
CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ HUMAN/ IMMUNE
SERUMS/ IN VITRO/ LACTATE
DEHYDROGENASE, metabolism/ *LYSOSOMES,
enzymology/ *NEUTROPHILS, drug effects/
NEUTROPHILS, enzymology/ NEUTROPHILS,
immunology/ *NUCLEOTIDES, CYCLIC, blood/
PARASYMPATHOMIMETICS,
pharmacodynamics/ *PHAGOCYTOSIS, drug
effects/ ZYMOSAN, isolation & purification
2021. Iihayashi H, Kuro K, Motomatsu T: [Cushing's syndrome]
Clin Endocrinol (Tokyo) 22:42-8, Jan 74 (Jap)
ADOLESCENCE/ ADULT/ CHILD/ CUSHING'S
SYNDROME, diagnosis/ *CUSHING'S
SYNDROME, therapy/ FEMALE/ HUMAN/
MALE/ MIDDLE AGE
2022. Iino S: [Nontoxic goiter]
Clin Endocrinol (Tokyo) 22:18-9, Jan 74 (Jap)
*GOITER, therapy/ GOITER, NODULAR,
therapy/ HUMAN
2023. Ikko DG, Ntallies K, Velentzas C, et al: Cortical bone mass in acromegaly.
Acta Radiol [Diagn] (Stockh) 15:134-44, Mar 74
ACROMEGALY, blood/ ACROMEGALY,
complications/ ACROMEGALY, pathology/
*ACROMEGALY, radiography/ ADOLESCENCE/
ADULT/ AGED/ FEMALE/ HUMAN/ IODINE
RADIOISOTOPES/ MALE/ METACARPUS,
pathology/ *METACARPUS, radiography/
MIDDLE AGE/ OSTEOPOROSIS, etiology/
OSTEOPOROSIS, pathology/ OSTEOPOROSIS,
radiography/ RADIOIMMUNOASSAY/ SEX
FACTORS/ SOMATOTROPIN, blood/ TIME
FACTORS
2024. Ikoma H, Ozawa H: Proceedings: Mechanism of relaxation of smooth muscle by 3-isopropyl-5,7-dipiperidinomethyltropolone hydrochloride (IDPT).
Jap J Pharmacol 24:Suppl:144, 1974
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
ALCOHOLS, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BRAIN, drug effects/
*CYCLOHEPTANES, pharmacodynamics/
MITOCHONDRIA, LIVER, drug effects/
*MUSCLE, SMOOTH, drug effects/
OXIDATIVE PHOSPHORYLATION, drug
effects/ PARASYMPATHOLYTICS/
PHOSPHODIESTERASES, antagonists &
inhibitors/ PIPERIDINES, pharmacodynamics
2025. Iliev G, Kozovski I: Diagnostični i terapevtsični problemi pri khipertrifichnata forma na mekhurestata mola.
Akush Ginekol (Sofia) 13:144-7, 1974 (Bul)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
*HYDATIDIFORM MOLE, diagnosis/
HYDATIDIFORM MOLE, surgery/
HYPERTROPHY
2026. Il'in LA, Arkhangel'skaia GV: Vozmozhnye posledstviavozdeistviia radioaktivnogo ioda na cheloveka. *Med Radiol (Mosk)* 18:66-80, Aug 73 (Rus)
CELL TRANSFORMATION, NEOPLASTIC,
radiation effects/ DOSE-RESPONSE
RELATIONSHIP, RADIATION/ *GOITER,
EXOPHTHALMIC, radiotherapy/ HUMAN/
HYPOTHYROIDISM, etiology/ IODINE
RADIOISOTOPES, administration & dosage/
*IODINE RADIOISOTOPES, adverse effects/
IODINE RADIOISOTOPES, therapeutic use/
*LEUKEMIA, etiology/ MITOSIS, radiation
effects/ *RADIOTHERAPY, adverse effects/
RADIOTHERAPY DOSAGE/ THYROID GLAND,
pathology/ THYROID GLAND, physiopathology/
*THYROID GLAND, radiation effects/
THYROID NEOPLASMS, etiology/ *THYROID
NEOPLASMS, radiotherapy
2027. Illiano G, Tell GP, Siegel ME, et al: Guanosine 3',5'-cyclic monophosphate and the action of insulin and acetylcholine.
Proc Natl Acad Sci USA 70:2443-7, Aug 73
*ACETYLCHOLINE, pharmacodynamics/
ADIPOSE TISSUE, drug effects/ ADIPOSE
TISSUE, metabolism/ ANIMAL
EXPERIMENTS/ ATROPINE,
pharmacodynamics/ CARBACHOL, antagonists
& inhibitors/ CARBACHOL,
pharmacodynamics/ GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ *GUANOSINE
CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/
IN VITRO/ *INSULIN, pharmacodynamics/
KINETICS/ LIVER, drug effects/ LIVER,
metabolism/ LYMPHOCYTES, drug effects/
LYMPHOCYTES, metabolism/ MALE/ SPLEEN,
cytology/ TRITIUM
2028. Imblum RL, Rodwell VW: 3-Hydroxy-3-methylglutaryl CoA reductase and mevalonate kinase of *Neurospora crassa*. *J Lipid Res* 15:211-22, May 74
ADENOSINE TRIPHOSPHATE/ *ALCOHOL
OXIDOREDUCTASES, metabolism/ CARBON
RADIOISOTOPES/ CAROTENE,
pharmacodynamics/ CATIONS, DIVALENT/
CELL DIVISION/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ CHROMATOGRAPHY,
THIN LAYER/ ERGOSTEROL,
pharmacodynamics/ GEL FILTRATION/
GLUTARATES/ HYDROGEN-ION
CONCENTRATION/
HYDROXYMERCURIBENZOATES,
pharmacodynamics/ KINETICS/ MEVALONIC
ACID/ *NEUROSPORA, enzymology/
NEUROSPORA CRASSA, cytology/
NEUROSPORA CRASSA, drug effects/
NEUROSPORA CRASSA, enzymology/
*PHOSPHOTRANSFERASES, ATP, metabolism/

AUTHOR SECTION

- SPECTROPHOTOMETRY, ULTRAVIOLET/
SUBCELLULAR FRACTIONS, enzymology/
TEMPERATURE/ TIME FACTORS
2029. Imler M, Ruscher H, Peter B, et al: Action de l'arginine sur un coma hépatique récidivant compliquant une tumeur féminisante de la cortico-surrénale avec métastases hépatiques.
Sem Hop Paris 49:3183-90, 26 Nov 73 (Fre)
ADOLESCENCE/ *ADRENAL GLAND
NEOPLASMS, complications/ AMMONIA,
blood/ *ARGININE, therapeutic use/
ESTROGENS, metabolism/ FEMINIZATION,
etiology/ HEPATIC COMA, drug therapy/
*HEPATIC COMA, etiology/ HEPATIC COMA,
physiopathology/ HUMAN/ LIVER,
physiopathology/ *LIVER NEOPLASMS,
complications/ LIVER NEOPLASMS,
metabolism/ MALE/ METABOLIC DISEASES,
etiology/ NEOPLASM METASTASIS/
RECURRENCE
2030. Immer HU, Sestan J, Nelson VR, et al: Synthesis of somatostatin. *Helv Chim Acta* 57:730-4, 27 Apr 74
AMINO ACID SEQUENCE/ METHODS/
OPTICAL ROTATION/ *PEPTIDES, chem
synthesis/ *SOMATOTROPIN RELEASING
HORMONE, antagonists & inhibitors/
SPECTROPHOTOMETRY, ULTRAVIOLET
2031. Inatomi N, Takayanagi I, Uchida M, et al: Intracellular cyclic AMP level and intestinal smooth muscle relaxation. *Eur J Pharmacol* 26:73-6, Apr 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ALCOHOLS,
BUTYL, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BENZYL COMPOUNDS,
pharmacodynamics/ CECUM, metabolism/
DOSE-RESPONSE RELATIONSHIP, DRUG/
GUINEA PIGS/ IN VITRO/ ISOPROTERENOL,
pharmacodynamics/ MALE/ MUSCLE
CONTRACTION, drug effects/ *MUSCLE,
SMOOTH, metabolism/ PAPAVERINE,
pharmacodynamics/ PARASYMPATHOLYTICS,
pharmacodynamics/ POTASSIUM CHLORIDE,
pharmacodynamics/ PROPRANOLOL,
pharmacodynamics
2032. Indiveri F, Barabino A, Di Benedetto G, et al: Comportamento delle immunoglobuline sieriche in corso di alcune malattie tiroidee.
Arch E Maragliano Patol Clin 29:37-42, Jan 73 (Ita)
ANTIBODIES/ ANTIBODY FORMATION/
ANTIGENS/ ENGLISH ABSTRACT/ FEMALE/
HUMAN/ *IMMUNOGLOBULINS/ MALE/
*THYROID DISEASES, immunology
2033. Ingenbleek Y, De Nayer P, De Visscher M: Thyroxine-binding globulin in infant protein-calorie malnutrition. *J Clin Endocrinol Metab* 39:178-80, Jul 74
DIET THERAPY/ HUMAN/
*PROTEIN-CALORIE MALNUTRITION, blood/
PROTEIN-CALORIE MALNUTRITION, therapy/
SERUM GLOBULINS, metabolism/
*THYROXINE-BINDING PROTEIN, metabolism
2034. Ingenbleek Y, Malvaux F: Iodine balance studies in protein-calorie malnutrition.
Arch Dis Child 49:305-9, Apr 74
CHILD, PRESCHOOL/ DIET/ DIET THERAPY/
FECES, analysis/ HUMAN/ INFANT/ IODINE,
analysis/ IODINE, blood/ *IODINE,
metabolism/ IODINE, urine/ MILK/ NEGROID
RACE/ *PROTEIN-CALORIE MALNUTRITION,
metabolism/ PROTEIN-CALORIE
MALNUTRITION, therapy/ SENEGAL/
THYROID GLAND, metabolism
2035. Inglis AS, Nicholls FW, Sparrow LG: Detection of sub-nanomole amounts of phenylthiohydantoins of amino acids. *J Chromatogr* 90:362-4, 10 Apr 74
*AMINO ACIDS/ AMINO ACIDS, analysis/
CHROMATOGRAPHY, THIN LAYER/
DIPHENYLHYDANTOIN, analysis/
*HYDANTOINS/ IODINE/ MICROCHEMISTRY/
THIOHYDANTOINS, analysis/ THIONES,
analysis/ ULTRAVIOLET RAYS
2036. Ingram DL, Legge KP: Effects of environmental temperature on food intake in growing pigs.
Comp Biochem Physiol [A] 48:573-81, 1 Jul 74
*ADAPTATION, PHYSIOLOGICAL/ ANIMAL
EXPERIMENTS/ *BEHAVIOR, ANIMAL/
CASTRATION/ CIRCADIAN RHYTHM/
COMPARATIVE STUDY/ CONDITIONING,
OPERANT/ FEEDING BEHAVIOR/ FEMALE/
MALE/ *SWINE/ TEMPERATURE/ TESTIS,
physiology/ TIME FACTORS
2037. Ingram GI, Prentice CR, Forbes CD, et al: Low factor-VIII-like antigen in acquired Von Willebrand's syndrome and response to treatment.
Br J Haematol 25:137-40, Jul 73
*ANTIGENS, analysis/ BLOOD COAGULATION
TESTS/ *FACTOR VII, analysis/ HUMAN/
IMMUNOASSAY/ MALE/ RABBITS,
immunology/ STEROIDS, therapeutic use/
VON WILLEBRAND'S DISEASE, blood/ *VON
WILLEBRAND'S DISEASE, drug therapy/ VON
WILLEBRAND'S DISEASE, immunology
2038. Inoue K, Irie M: [Dynamics of prolactin in human blood]
Clin Endocrinol (Tokyo) 22:358-72, Mar 74 (42 ref.) (Jap)
BLOOD SUGAR/ CHLORPROMAZINE,
pharmacodynamics/ CIRCADIAN RHYTHM/
DOPA, pharmacodynamics/ FEMALE/ HUMAN/
LACTATION/ *PROLACTIN, blood/ REVIEW/
STRESS/ THYROTROPIN RELEASING
HORMONE, pharmacodynamics
2039. Irie H: [Hypothyroidism]
Clin Endocrinol (Tokyo) 22:32-3, Jan 74 (Jap)
HUMAN/ *HYPOTHYROIDISM, drug therapy/
THYROID HORMONES, therapeutic use
2040. Irino S, Tanji T, Uno J, et al: Experimental studies of the endolymphatic radiotherapy.
Acta Med Okayama 28:59-67, Feb 74
ANIMAL EXPERIMENTS/ BLADDER,
metabolism/ BONE MARROW, metabolism/
HUMAN/ INJECTIONS, SUBCUTANEOUS/
INTESTINES, metabolism/ IODINE,
metabolism/ *IODINE RADIOISOTOPES,
administration & dosage/ IODINE
RADIOISOTOPES, therapeutic use/ IODIZED
OILS/ KIDNEY, metabolism/ LIVER,
metabolism/ LUNG, metabolism/ LYMPH
NODES, metabolism/ *LYMPHATIC
METASTASIS, radiotherapy/
LYMPHOGRAPHY/ *LYMPHOMA,
radiotherapy/ MALE/ PANCREAS, metabolism/
SPLEEN, metabolism/ TESTIS, metabolism/
THYROID GLAND, metabolism/ URETER,
metabolism
2041. Irvine CH, Simpson-Morgan MW: Relative rates of transcapillary movement of free thyroxine, protein-bound thyroxine, thyroxine-binding proteins, and albumin. *J Clin Invest* 54:156-64, Jul 74
ANIMAL EXPERIMENTS/ BINDING,
COMPETITIVE/ *CAPILLARIES, physiology/
CHROMATOGRAPHY, AFFINITY/ FEMALE/
INTESTINES, blood supply/ IODINE
RADIOISOTOPES/ LEG, blood supply/ LIVER,
blood supply/ LYMPH, physiology/ MALE/
SERUM ALBUMIN/ SHEEP/ SKIN, blood
supply/ *THYROXINE, blood/
*THYROXINE-BINDING PROTEIN, blood
2042. Irvine WJ, Barnes EW, Hunter WM, et al: Effect of cyproterone acetate on steroid levels and hirsutism in two female patients in a long-term study.
J Endocrinol 61:32-3, Apr 74
ADULT/ AMENORRHEA, complications/
CORPUS LUTEUM/ *CYPROTERONE,
therapeutic use/ ETHINYL ESTRADIOL/
FEMALE/ FSH, urine/ *HIRSUTISM, drug
therapy/ HUMAN/ LH, urine/ MIDDLE AGE/
OVULATION/ PREGNANEDIOL, urine/
TESTOSTERONE, blood/ TESTOSTERONE,
urine
2043. Irvine WJ, Toft AD, Wilson KS, et al: Proceedings: Effect of synthetic corticotrophin analogues on plasma delta4-androstenedione, testosterone and gonadotrophins in normal men.
J Endocrinol 61:27-8, Apr 74
ADULT/ *ANDROSTENEDIONE, blood/
*CORTICOTROPIN, pharmacodynamics/ FSH,

AUTHOR SECTION

- blood/ *GONADOTROPINS, PITUITARY,
blood/ HUMAN/ INJECTIONS,
INTRAMUSCULAR/ LH, blood/ MALE/
RADIOIMMUNOASSAY/ *TESTOSTERONE,
blood
2044. Isakov IuF, Mikhel'son VA: Osobennosti
posleoperatsionnogo perioda u detei.
Vestn Khir 111:87-71, Oct 73 (Rus)
ABDOMEN, surgery/ ADRENAL CORTEX
HORMONES, blood/ *ANESTHESIA, adverse
effects/ BLOOD VOLUME DETERMINATION/
CHILD/ DEHYDRATION, etiology/ ENGLISH
ABSTRACT/ GASTROINTESTINAL MOTILITY/
GLOMERULAR FILTRATION RATE/ HUMAN/
HYPERKALEMIA, etiology/ LIVER,
physiopathology/ MUSCULOSKELETAL
SYSTEM, surgery/ *POSTOPERATIVE CARE/
POSTOPERATIVE COMPLICATIONS,
physiopathology/ RESPIRATORY
INSUFFICIENCY, etiology/ SHOCK,
SURGICAL, physiopathology/ THORAX,
surgery/ TIME FACTORS
2045. Ishihara T, Nozaki M, Maruyama Y, et al: Proceedings:
Effects of prostaglandins E1 on coronary circulation.
Jap J Pharmacol 24:Suppl:66, 1974
ANIMAL EXPERIMENTS/ *CORONARY
CIRCULATION, drug effects/
*PROSTAGLANDINS, pharmacodynamics/
STIMULATION, CHEMICAL
2046. Ishizaki M, Ozawa H: Proceedings: Influence of
dibutyryl cyclic AMP on the K⁺-contracture of
guinea-pig trachea. Jap J Pharmacol 24:Suppl:45, 1974
ANIMAL EXPERIMENTS/ *DIBUTYRYL
CYCLIC AMP, pharmacodynamics/ IN VITRO/
MUSCLE CONTRACTION, drug effects/
MUSCLE, SMOOTH, drug effects/
*POTASSIUM, physiology/ *TRACHEA, drug
effects
2047. Isidori A, Cianfriglia F, Dondero F: Comportamento
dell'ormone somatotropo e della somatomedina
(fattore di solfatazione) nell'acondroplasia.
Folla Endocrinol (Roma) 27:179-84, Apr 74 (Ita)
*ACHONDROPLASIA, blood/ ADOLESCENCE/
ADULT/ AGE FACTORS/ CHILD/ CHILD,
PRESCHOOL/ *DWARFISM, PITUITARY,
blood/ ENGLISH ABSTRACT/ HUMAN/
*SOMATOMEDIN, blood/ *SOMATOTROPIN,
blood
2048. Ismail AA, Davidson DW, Souka AR, et al: The
evaluation of the role of androgens in hirsutism and
the use of a new anti-androgen "cyproterone acetate"
for therapy. J Clin Endocrinol Metab 39:81-95, Jul 74
ADRENAL GLANDS, physiopathology/
CONTRACEPTIVES, ORAL, diagnostic use/
*CYPROTERONE, therapeutic use/
DEXAMETHASONE, diagnostic use/
ESTROGENS, blood/ ETHINYL ESTRADIOL,
therapeutic use/ FEMALE/ FSH, blood/
*HIRSUTISM, drug therapy/ HIRSUTISM,
physiopathology/ HUMAN/ LH, blood/ OVARY,
physiopathology/ PREGNANEDIOL, blood/
*TESTOSTERONE, blood/ TESTOSTERONE,
urine
2049. Ito K, Kamiya T, Hisada S: Proceedings: Effects of
histamine and related compounds on the release of
antidiuretic hormone.
Jap J Pharmacol 24:Suppl:128, 1974
ANIMAL EXPERIMENTS/ *HISTAMINE,
pharmacodynamics/ *VASOPRESSIN, secretion
2050. Ito M: [Proceedings: 267. Hypothalamic response to
medial forebrain bundle stimulation (author's
transl)] J Physiol Soc Jap 35:494-5, Aug-Sep 73 (Jap)
ANIMAL EXPERIMENTS/ *BRAIN, physiology/
ELECTRIC STIMULATION/
HYPOTHALAMUS, physiology/ NEURAL
INTERCONNECTIONS, physiology
2051. Ito M, Yamada S, Masuko K, et al: Proceedings:
Suppression of the development of hypertension by
N, N'-2,7-fluorenilene-bisacetamide and
beta-glucuronidase inhibitor in spontaneously
hypertensive rats. Jap Heart J 15:178-9, Mar 74
*ACETAMIDES, pharmacodynamics/ *ADIPIC
ACID, pharmacodynamics/ ADMINISTRATION,
ORAL/ ANIMAL EXPERIMENTS/ BLOOD
PRESSURE, drug effects/ ETHIONINE,
pharmacodynamics/ *FLUORENES,
pharmacodynamics/ *GLUCURONIDASE,
antagonists & inhibitors/ GLUCURONIDASE,
pharmacodynamics/ *HYPERTENSION,
prevention & control/ *LACTONES,
pharmacodynamics/ MALE/ THIOCYANATES,
pharmacodynamics
2052. Ito N, Matayoshi K, Matsumura K, et al: Effect of
various carcinogenic and non-carcinogenic substances
on development of bladder tumors in rats induced by
N-butyl-N-(4-hydroxybutyl)nitrosamine.
Gann 65:123-30, Apr 74
ACETAMIDES, pharmacodynamics/
ACETANILIDE, pharmacodynamics/
ALCOHOLS, BUTYL, pharmacodynamics/
ANIMAL EXPERIMENTS/ BLADDER, drug
effects/ BLADDER, pathology/ *BLADDER
NEOPLASMS, chemically induced/ BLADDER
NEOPLASMS, prevention & control/
*CARCINOGENS/ *CARCINOMAS,
pharmacodynamics/ CARCINOMA, PAPILLARY,
chemically induced/ DRUG SYNERGISM/
HYPERPLASIA/ MALE/ MORPHOLINES,
pharmacodynamics/ NEOPLASMS,
EXPERIMENTAL/ *NITROSAMINES,
pharmacodynamics/ PIPERIDINES,
pharmacodynamics/ SUCCINIMIDES,
pharmacodynamics/ THIOCYANATES,
pharmacodynamics/ TRYPTOPHAN,
pharmacodynamics
2053. Ito S, Inoue Y, Iwasaki H, et al: [Determination of low
unit urinary HCG with Hl-Gonavis]
Clin Endocrinol (Tokyo) 22:423-34, Mar 74 (Jap)
ERYTHROCYTES, immunology/ FEMALE/
GONADOTROPINS, CHORIONIC, blood/
*GONADOTROPINS, CHORIONIC, urine/
HEMAGGLUTINATION/ HUMAN/ SHEEP,
immunology/ TROPHOBLASTIC TUMOR, urine
2054. Ito T, Hidaka H, Kato T, et al: Response of plasma
aldosterone to postural change, diuretics, angiotensin
II, sodium restriction or loading and prostaglandin.
Jap Heart J 14:518-30, Nov 73
ADRENAL GLAND HYPERFUNCTION, blood/
*ALDOSTERONE, blood/ *ANGIOTENSIN II,
pharmacodynamics/ ASCITES, blood/
CUSHING'S SYNDROME, blood/ DIET/ DIET,
SALT-FREE/ *FUROSEMIDE,
pharmacodynamics/ HEART FAILURE,
CONGESTIVE, blood/ HUMAN/
HYPERALDOSTERONISM, blood/
HYPERTENSION, blood/ LIVER CIRRHOSIS,
blood/ *POSTURE/ *PROSTAGLANDINS,
pharmacodynamics/ RADIOIMMUNOASSAY/
*SODIUM, pharmacodynamics/ UREMIA, blood
2055. Ito Y, Suko J, Chidsey CA: Intracellular calcium and
myocardial contractility. V. Calcium uptake of
sarcolemmal reticulum fractions in hypertrophied
and failing rabbit hearts.
J Mol Cell Cardiol 6:237-47, Jun 74
ANIMAL EXPERIMENTS/ AZIDES,
pharmacodynamics/ BIOLOGICAL
TRANSPORT/ BODY WEIGHT/ *CALCIUM,
metabolism/ CALCIUM RADIOISOTOPES/
COMPARATIVE STUDY/
ELECTROCARDIOGRAPHY/ FUMARATE
HYDRATASE, metabolism/ HEART, drug
effects/ *HEART FAILURE, CONGESTIVE,
metabolism/ HEART FAILURE, CONGESTIVE,
pathology/ MITOCHONDRIA, MUSCLE,
metabolism/ MUSCLE PROTEINS, metabolism/
*MYOCARDIAL DISEASES, PRIMARY,
metabolism/ MYOCARDIAL DISEASES,
PRIMARY, pathology/ MYOCARDIUM,
cytology/ *MYOCARDIUM, metabolism/
MYOCARDIUM, pathology/ ORGAN WEIGHT/
OUABAIN, pharmacodynamics/
SARCOPLASMIC RETICULUM, drug effects/
*SARCOPLASMIC RETICULUM, metabolism/
SUCCINATE DEHYDROGENASE, metabolism/
TIME FACTORS
2056. Itokawa Y, Kimura M, Inagaki C, et al: Effect of
thiamine on serotonin oxidation in

AUTHOR SECTION

- magnesium-deficient rats.
J Nutr Sci Vitaminol (Tokyo) 20:27-33, Feb 74
ANIMAL EXPERIMENTS/ BRAIN, metabolism/
CARBON RADIOISOTOPES/
HYDROXYINDOLEACETIC ACID, blood/ IN
VITRO/ LIVER, enzymology/ LIVER,
metabolism/ *MAGNESIUM DEFICIENCY,
metabolism/ MALE/ MITOCHONDRIA, LIVER,
metabolism/ MONOAMINE OXIDASE,
metabolism/ OXIDATION-REDUCTION/
*SEROTONIN, metabolism/ STOMACH,
metabolism/ *THIAMINE, pharmacodynamics
2057. Itskovitz HD, Terragno NA, McGiff JC: Effect of a renal
prostaglandin on distribution of blood flow in the
isolated canine kidney. Circ Res 34:770-6, Jun 74
ANIMAL EXPERIMENTS/
ANTI-INFLAMMATORY AGENTS,
pharmacodynamics/ DIURESIS/ DOGS/
GLOMERULAR FILTRATION RATE/
HYDROXYLASES, antagonists & inhibitors/
INDOMETHACIN, pharmacodynamics/
INJECTIONS, INTRA-ARTERIAL/ *KIDNEY,
blood supply/ KIDNEY, drug effects/
KIDNEY, enzymology/ KIDNEY, metabolism/
KIDNEY CORTEX, blood supply/ KIDNEY
MEDULLA, enzymology/ NATRIURESIS/
OSMOLAR CONCENTRATION/
OXIDOREDUCTASES, antagonists & inhibitors/
PROSTAGLANDINS, biosynthesis/
*PROSTAGLANDINS, pharmacodynamics
2058. Iudaev NA, Asribekova MK: Sviazyvanie progesterona i
testosterona v endometrii cheloveka pri
beremennosti.
Probl Endokrinol (Mosk) 20:24-8, Mar-Apr 74 (Rus)
BINDING, COMPETITIVE/ BINDING SITES/
*ENDOMETRIUM, metabolism/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/
*PREGNANCY/ *PROGESTERONE, metabolism/
PROTEIN BINDING/ *TESTOSTERONE,
metabolism
2059. Iunda IF, Karpenko EI: Izmeneniia
simpatico-adrenalovoi sistemy pri nefrogennoi
gipertonii i gipertonicheskoi bolezni.
Klin Med (Mosk) 51:28-33, Sep 73 (Rus)
*ADRENAL GLANDS, physiopathology/
CATECHOLAMINES, urine/ CHRONIC
DISEASE/ GLOMERULONEPHRITIS,
complications/ HUMAN/ *HYPERTENSION,
RENAL, physiopathology/
PITUITARY-ADRENAL FUNCTION TESTS/
PYELONEPHRITIS, complications/
*SYMPATHETIC NERVOUS SYSTEM,
physiopathology
2060. Iunda IF, Kushniruk IuI: Vliianie antibakterial'nykh
preparatov na endokrinnuu funktsiiu lalchka.
Klin Khir 10:37-40, Oct 73 (Rus)
*ANDROGENS, secretion/ ANIMAL
EXPERIMENTS/ *ANTIBIOTICS,
pharmacodynamics/ MALE/ NEOMYCIN,
pharmacodynamics/ *NITROFURANS,
pharmacodynamics/ RATS/
SPERMATOGENESIS, drug effects/
STREPTOMYCIN, pharmacodynamics/ *TESTIS,
drug effects/ TETRACYCLINE,
pharmacodynamics
2061. Iványi P, Forejt J, Gregorová S, et al: Reproductive
performance and histocompatibility antigens.
Haematologia (Budap) 7:185-91, 1973
ALLELES/ ANDROGENS, metabolism/
ANIMAL EXPERIMENTS/
*HISTOCOMPATIBILITY ANTIGENS/
LINKAGE (GENETICS)/ MALE/ MICE/ MICE,
INBRED A/ MICE, INBRED C57BL/ ORGAN
WEIGHT/ SEMINAL VESICLES, immunology/
*STERILITY, MALE/ THYMUS GLAND,
immunology
2062. Iversen LL: Medical Research Council Neurochemical
Pharmacology Unit. Psychol Med 4:222-4, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
biosynthesis/ AMINOBUTYRIC ACID/
ANTIDEPRESSIVE AGENTS,
pharmacodynamics/ BIOGENIC AMINES,
metabolism/ BRAIN, enzymology/ BRAIN,
metabolism/ CARBOXY-LYASES, metabolism/
CHLORPROMAZINE, blood/
CHLORPROMAZINE, therapeutic use/
DOPAMINE/ GLUTAMATES/ GLYCINE/
HUMAN/ *NERVOUS SYSTEM, drug effects/
NEUROHUMORS/ *PSYCHOPHARMACOLOGY/
SCHIZOPHRENIA, drug therapy/
TRANQUILIZING AGENTS, pharmacodynamics
2063. Iwado K: [Hermaphroditism: urological aspect]
Cln Endocrinol (Tokyo) 22:208-11, Jan 74 (Jap)
FEMALE/ *HERMAPHRODITISM, therapy/
HUMAN/ MALE
2064. Iwamoto Y, Yamagami T, Folkers K, et al: Deficiency
of coenzyme Q10 in hypertensive rats and reduction of
deficiency by treatment with coenzyme Q10.
Biochem Biophys Res Commun 58:743-8, 4 Jun 74
ANIMAL EXPERIMENTS/
DESOXYCORTICOSTERONE/ HEART, drug
effects/ HEART, physiology/ HEART,
physiopathology/ HYPERTENSION, chemically
induced/ HYPERTENSION, drug therapy/
HYPERTENSION, enzymology/
*HYPERTENSION, metabolism/ KIDNEY, drug
effects/ KIDNEY, enzymology/ KIDNEY,
physiology/ LEUKOCYTES, enzymology/
LIVER, drug effects/ LIVER, enzymology/
MYOCARDIUM, enzymology/ NEPHRECTOMY/
ORGAN SPECIFICITY/ ORGAN WEIGHT/
SUCCINATE DEHYDROGENASE, blood/
SUCCINATE DEHYDROGENASE, metabolism/
*UBIQUINONE, metabolism/ UBIQUINONE,
pharmacodynamics/ UBIQUINONE, therapeutic
use
2065. Iwasawa H, Kobayashi M: Failure of sex hormones and
PMS to stimulate gonadal development in young Rana
nigromaculata. Gen Comp Endocrinol 22:526-8, Apr 74
ANIMAL EXPERIMENTS/ *ESTRADIOL,
pharmacodynamics/ FEMALE/
*GONADOTROPINS, EQUINE,
pharmacodynamics/ *GONADS, drug effects/
MALE/ *RANA, physiology/ *TESTOSTERONE,
pharmacodynamics
2066. Iyanagi T, Makino N, Mason HS: Redox properties of
the reduced nicotinamide adenine dinucleotide
phosphate-cytochrome P-450 and reduced
nicotinamide adenine dinucleotide-cytochrome b5
reductases. Biochemistry 13:1701-10, 9 Apr 74
ADRENAL GLANDS, enzymology/
ANAEROBIOSIS/ COMPUTERS, DIGITAL/
CYTOCHROME P-450/ CYTOCHROME P-450,
metabolism/ *CYTOCHROME REDUCTASES,
metabolism/ CYTOCHROMES, metabolism/
DRUG STABILITY/ FAD/ FMN/
MATHEMATICS/ *MITOCHONDRIA, enzymology/
NAD/ NADP/ OXIDATION-REDUCTION/
POTENTIOMETRY/ PSEUDOMONAS,
enzymology/ QUINONES, metabolism/
RABBITS/ SPECTROPHOTOMETRY/
SPECTROPHOTOMETRY, ULTRAVIOLET/
SULFITES
2067. Izumi H, Ozawa H: Proceedings: Effects of various
agents on the endogenous activator to synaptosomal
adenyl cyclase of rat brain.
Jap J Pharmacol 24:Suppl:45, 1974
*ADENYL CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ CALCIUM, pharmacodynamics/
*CEREBRAL CORTEX, enzymology/
DOPAMINE, pharmacodynamics/ ENZYME
ACTIVATION/ HISTAMINE,
pharmacodynamics/ MAGNESIUM,
pharmacodynamics/ NOREPINEPHRINE,
pharmacodynamics/ SEROTONIN,
pharmacodynamics/ *SYNAPTOSOMES,
enzymology
2068. Jackman SJ, Maher FT, Hattery RR: Detection of
renal-cell carcinoma with ^{99m}Tc polyphosphate
imaging of bone. A case report.
Mayo Clin Proc 49:297-9, May 74
*ADENOCARCINOMA, diagnosis/
ADENOCARCINOMA, radiography/
ANGIOGRAPHY/ BIOPSY/ *BONE AND
BONES, radiography/ *BONE NEOPLASMS,

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AUTHOR SECTION

- diagnosis/ BONE NEOPLASMS, radiography/
HUMAN/ HUMERUS, radiography/ KIDNEY,
radiography/ *KIDNEY NEOPLASMS,
diagnosis/ KIDNEY NEOPLASMS, radiography/
MALE/ MIDDLE AGE/ NEOPLASM
METASTASIS/ RADIOISOTOPE SCANNING/
RENAL ARTERY, radiography/
TECHNETIUM, diagnostic use/ TOMOGRAPHY,
RADIOGRAPHIC/ UROGRAPHY
2069. Jacoben N, From SH: Mucous and serous components of the submandibular and sublingual glands of *Macaca irus* and *Cercopithecus aethiops*.
Acta Histochem (Jena) 48:281-7, 1973
ANIMAL EXPERIMENTS/ COMPARATIVE
STUDY/ HERMAPHRODITISM, veterinary/
*MACACA, anatomy & histology/ *MONKEYS,
anatomy & histology/ SEX FACTORS/
STAINS AND STAINING/ SUBLINGUAL
GLAND, analysis/ *SUBLINGUAL GLAND,
cytology/ SUBMANDIBULAR GLAND, analysis/
*SUBMANDIBULAR GLAND, cytology
2070. Jacobowitz DM: Distribution of biogenic amines in the pituitary gland.
Prog Brain Res 39:199-209, 1973 (22 ref.)
ANIMAL EXPERIMENTS/ *BIOGENIC
AMINES, metabolism/ DOPA,
pharmacodynamics/ DOPA DECARBOXYLASE,
antagonists & inhibitors/ FLUORESCENCE/
HISTOCYTOCHEMISTRY/ MODELS,
STRUCTURAL/ PITUITARY GLAND, cytology/
PITUITARY GLAND, drug effects/
*PITUITARY GLAND, metabolism/ RATS/
RECEPTORS, DRUG/ REVIEW/
TRYPTOPHAN, pharmacodynamics
2071. Jacobowitz DM, Greene LA: Histofluorescence study of chromaffin cells in dissociated cell cultures of chick embryo sympathetic ganglia. *J Neurobiol* 5:65-83, 1974
ANIMAL EXPERIMENTS/
CATECHOLAMINES, metabolism/ CELLS,
CULTURED/ CHROMAFFIN SYSTEM,
cytology/ *CHROMAFFIN SYSTEM,
embryology/ CHROMAFFIN SYSTEM,
metabolism/ GANGLIA, AUTONOMIC,
cytology/ *GANGLIA, AUTONOMIC,
embryology/ GANGLIA, AUTONOMIC,
metabolism/ HISTOCYTOCHEMISTRY/
METHODS/ MICROSCOPY, FLUORESCENCE/
*NERVE GROWTH FACTOR,
pharmacodynamics/ TIME FACTORS
2072. Jacobs BL, Eubanks EE: A comparison of the locomotor effects of 5-hydroxytryptamine and 5-hydroxytryptophan administered via two systemic routes. *Pharmacol Biochem Behav* 2:137-9, Jan-Feb 74
ANIMAL EXPERIMENTS/ BEHAVIOR,
ANIMAL, drug effects/ COMPARATIVE
STUDY/ DOSE-RESPONSE RELATIONSHIP,
DRUG/ HYDROXYTRYPTOPHAN,
administration & dosage/
*HYDROXYTRYPTOPHAN, pharmacodynamics/
INJECTIONS, INTRAPERITONEAL/
INJECTIONS, SUBCUTANEOUS/ MALE/
*MOTOR ACTIVITY, drug effects/ RATS/
SEROTONIN, administration & dosage/
*SEROTONIN, pharmacodynamics/
STEREISOMERS
2073. Jacobs CH, Pope MH, Berry JT, et al: A study of the bone machining process-orthogonal cutting.
J Biomech 7:131-6, Mar 74
ANIMAL EXPERIMENTS/ *BONE AND
BONES/ BONE AND BONES, cytology/ BONE
AND BONES, physiology/ METHODS/
MICROSCOPY, ELECTRON, SCANNING/
MODELS, STRUCTURAL/ *STRESS,
MECHANICAL/ TIBIA, physiology
2074. Jacobs HS, Vanthuyne C, Ekins RF: Proceedings: Immunological determinants of luteinizing hormone and human chorionic gonadotrophin: contributions of the sub-units and of the conformation of the native hormone. *N Engl J Med* 291:xxli, 11 Jun 74
*ANTIGENIC DETERMINANTS/ CROSS
REACTIONS/ *GONADOTROPINS,
CHORIONIC/ HUMAN/ IMMUNE SERUMS/
*LH/ PROTEIN CONFORMATION
2075. Jacobs JW, Kemper B, Niall HD, et al: Structural analysis of human parathyroid hormone by a new microsequencing approach.
Nature 249:155-7, 10 May 74
AMINO ACID SEQUENCE/ ANIMAL
EXPERIMENTS/ AUTOANALYSIS/ CATTLE/
HUMAN/ METHODS/ *PARATHYROID
HORMONE, biosynthesis/ PROTEIN
CONFORMATION/ *PROTEIN PRECURSORS,
analysis
2076. Jacobsohn GM, O'Rangers JJ: Activation of 17beta-hydroxysteroid dehydrogenase from human red blood cells.
Arch Biochem Biophys 161:384-94, 2 Apr 74
BINDING SITES/ CARBON RADIOISOTOPES/
CHROMATOGRAPHY, DEAE-CELLULOSE/
CHROMATOGRAPHY, THIN LAYER/ ENZYME
ACTIVATION/ ERYTHROCYTES, drug effects/
*ERYTHROCYTES, enzymology/ ESTRADIOL/
*HYDROXYSTEROID DEHYDROGENASES,
blood/ KINETICS/ MATHEMATICS/ NADP,
pharmacodynamics/ PROTEIN BINDING/
SPECTROPHOTOMETRY, ULTRAVIOLET/
ULTRASONICS
2077. Jacobsson H, Blomgren H: Autonomy of the PHA-responsive cells in the mouse thymus.
Scand J Haematol 12:123-32, 1974
ANIMAL EXPERIMENTS/ ANTIBODY
PRODUCING CELLS/ BONE MARROW CELLS,
transplantation/ CELL DIVISION,
drug effects/ CELLS, CULTURED/
CORTISONE/ IMMUNITY, CELLULAR, drug
effects/ LIVER, cytology/ MALE/ MICE/
MICE, INBRED C57BL/ MICE, INBRED CBA/
*PLANT AGGLUTININS, pharmacodynamics/
RADIATION EFFECTS/ STIMULATION,
CHEMICAL/ THYMECTOMY/ THYMIDINE,
metabolism/ THYMUS GLAND, physiology/
THYMUS GLAND, transplantation/ TIME
FACTORS/ TRANSPLANTATION,
HOMOLOGOUS/ TRITIUM
2078. Jacoby JH, Lytle LD, Nelson MF: Long-term effects of 5,7-dihydroxytryptamine on brain monoamines.
Life Sci 14:909-19, 1 Mar 74
ALUMINUM/ ANIMAL EXPERIMENTS/
BRAIN, drug effects/ *BRAIN, metabolism/
CHROMATOGRAPHY/ COMPARATIVE
STUDY/ *DOPAMINE, metabolism/
*HYDROXYINDOLEACETIC ACID, metabolism/
MALE/ *NOREPINEPHRINE, metabolism/
RATS/ *SEROTONIN, metabolism/ TIME
FACTORS/ *TRYPTAMINES,
pharmacodynamics/ TRYPTOPHAN, blood/
*TRYPTOPHAN, metabolism/ TRYPTOPHAN,
pharmacodynamics
2079. Jacomb RG, Hinchley H: Letter: Prostaglandins and induction of labour. *Lancet* 1:1226-7, 15 Jun 74
ANIMAL EXPERIMENTS/ ARTERIES, drug
effects/ FEMALE/ HUMAN/
HYPERTENSION, complications/ INFUSIONS,
PARENTERAL/ *LABOR, INDUCED/
PREGNANCY COMPLICATIONS,
CARDIOVASCULAR/ PREGNANCY
TOXEMIAS, complications/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics/
UTERUS, blood supply/ UTERUS, drug effects
2080. Jacques S, Freshwater DB, Randle RE, et al: Supratentorial tuberculoma: a case report and review.
Bull Los Angeles Neurol Soc 39:56-9, Apr 74
ADULT/ *BRAIN DISEASES/ BRAIN
DISEASES, diagnosis/ BRAIN DISEASES, drug
therapy/ CEREBRAL ANGIOGRAPHY/
DEXAMETHASONE, therapeutic use/
DIAGNOSIS, DIFFERENTIAL/
DIPHENYLHYDANTOIN, therapeutic use/
ELECTROENCEPHALOGRAPHY/ EPILEPSY,
GRAND MAL, etiology/ FEMALE/ HUMAN/
ISONIAZID, therapeutic use/
MYCOBACTERIUM TUBERCULOSIS, isolation
& purification/ RIFAMPIN, therapeutic use/
STREPTOMYCIN, therapeutic use/
*TUBERCULOMA/ TUBERCULOMA, diagnosis/
TUBERCULOMA, drug therapy

AUTHOR SECTION

2081. Jacquot C, Rapin JR, Weplierre J, et al: Métabolisme et distribution tissulaire de l'éphédrine 14C chez le cobaye.
Arch Int Pharmacodyn Ther 207:298-309, Feb 74 (Fre)
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BENZOATES, urine/ BILE, metabolism/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ EPHEDRINE, blood/ *EPHEDRINE, metabolism/ EPHEDRINE, urine/ GUINEA PIGS/ HIPPURATES, urine/ HYDROLYSIS/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MUSCLES, metabolism/ MYOCARDIUM, metabolism/ SPLEEN, metabolism/ TIME FACTORS
2082. Jafek BW, Small R, Lillian DL: Congenital radioactive iodine-induced stridor and hypothyroidism.
Arch Otolaryngol 99:369-71, May 74
ADENOCARCINOMA, PAPILLARY, radiotherapy/ CINERADIOGRAPHY/ FEMALE/ FETUS, metabolism/ GESTATIONAL AGE/ HUMAN/ *HYPOTHYROIDISM, congenital/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ IODIDES, metabolism/ *IODINE RADIOISOTOPES, adverse effects/ *LARYNGOSTENOSIS, congenital/ MALE/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ PREGNANCY COMPLICATIONS/ *RADIATION INJURIES/ SODIUM, metabolism/ THYROID GLAND, metabolism/ THYROID NEOPLASMS, radiotherapy/ *TRACHEA, abnormalities
2083. Jaffe BM: Prostaglandins and cancer: an update.
Prostaglandins 6:453-61, 25 Jun 74 (34 ref.)
ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ CALCIUM, blood/ CARCINOMA, metabolism/ CELL DIVISION, drug effects/ CELL LINE/ DEPRESSION, CHEMICAL/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ HELA CELLS/ HUMAN/ HYPERCALCEMIA, metabolism/ IN VITRO/ INDOMETHACIN, pharmacodynamics/ *NEOPLASMS, metabolism/ NEOPLASMS, EXPERIMENTAL, metabolism/ *PROTAGLANDINS/ PROTAGLANDINS, biosynthesis/ PROTAGLANDINS, metabolism/ PROTAGLANDINS, pharmacodynamics/ RADIOIMMUNOASSAY/ REVIEW/ SARCOMA, metabolism/ THYROID NEOPLASMS, metabolism
2084. Jagarinec N, Givner ML: Measurement of a progestational and antilandrogenic compound by a competitive protein binding assay.
Steroids 23:561-78, Apr 74
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ CROSS REACTIONS/ DOGS/ DRUG STABILITY/ EVALUATION STUDIES/ FEMALE/ GUINEA PIGS/ HUMAN/ MALE/ MEDROGESTONE, administration & dosage/ MEDROGESTONE, blood/ METHODS/ *PREGNADIENES, blood/ PREGNANCY/ *PROGESTATIONAL HORMONES, blood/ PROGESTERONE/ PROTEIN BINDING/ RADIOLIGAND ASSAY/ SILICA/ TEMPERATURE/ TIME FACTORS/ TRITIUM
2085. Jahnecke J: Leitungsfähigkeit und Grenzen diagnostischer Verfahren bei der Hypertonie.
Internist (Berlin) 15:132-8, Mar 74 (Ger)
ANGIOGRAPHY/ ANGIOTENSIN, diagnostic use/ BIOPSY, NEEDLE/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ EPINEPHRINE, urine/ HUMAN/ HYPERALDOSTERONISM, diagnosis/ HYPERALDOSTERONISM, metabolism/ *HYPERTENSION, diagnosis/ HYPERTENSION, RENAL, diagnosis/ KIDNEY, pathology/ KIDNEY FUNCTION TESTS/ NOREPINEPHRINE, urine/ PHEOCHROMOCYTOMA, diagnosis/ RADIOISOTOPE RENOGRAPHY/ RENAL ARTERY, radiography/ RENIN, blood/ VANILMANDELIC ACID, urine
2086. Jakó J, Nagy P: Tetran kezelés során fellépő agranulocytosis és cholestasios hepatitis.
Orv Hetil 115:995-6, 28 Apr 74 (Hum)
*AGRANULOCYTOSIS, chemically induced/ *CHOLESTASIS, chemically induced/ DRUG HYPERSENSITIVITY/ FEMALE/ HEPATITIS, chemically induced/ HUMAN/ JAUNDICE, OBSTRUCTIVE, chemically induced/ LYMPHOCYTE TRANSFORMATION/ MIDDLE AGE/ *OXYTETRACYCLINE, adverse effects/ PREDNISOLONE, therapeutic use
2087. Jakupčević M, Lacković Z, Damjanov I, et al: Biogenic amines in a retransplantable neurogenic teratocarcinoma. Experientia 30:652-3, 15 Jun 74
ANIMAL EXPERIMENTS/ *BIOGENIC AMINES, analysis/ BRAIN, metabolism/ BRAIN CHEMISTRY/ DOPAMINE, analysis/ HYDROXYINDOLEACETIC ACID, analysis/ MONOAMINE OXIDASE, metabolism/ NEOPASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, metabolism/ NOREPINEPHRINE, analysis/ SEROTONIN, analysis/ SPECTROMETRY, FLUORESCENCE/ TERATOID TUMOR, enzymology/ *TERATOID TUMOR, metabolism
2088. Jaihvka V, Lorens F: Leiomyoma recti und gynäkologische Laparotomie.
Zentralbl Gynaekol 96:503-5, 19 Apr 74 (Fre)
DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LAPAROTOMY/ *LEIOMYOMA, diagnosis/ LEIOMYOMA, surgery/ OVARIAN NEOPLASMS, diagnosis/ PALPATION/ *RECTAL NEOPLASMS, surgery/ UTERINE NEOPLASMS, diagnosis
2089. James DG: The many faces of sarcoidosis.
J Ir Med Assoc 67:329-36, 29 Jun 74
AMINOBENZOIC ACID, therapeutic use/ CHLOROQUINE, therapeutic use/ FEMALE/ GLUCOCORTICIDS, therapeutic use/ HUMAN/ MALE/ OXYPHENBUTAZONE, therapeutic use/ *SARCOIDOSIS, diagnosis/ SARCOIDOSIS, drug therapy/ SARCOIDOSIS, immunology/ SARCOIDOSIS, metabolism/ SARCOIDOSIS, occurrence/ SARCOIDOSIS, pathology
2090. James TN, Armstrong RS, Silverman J, et al: Clinicopathologic correlations. De subitaneis moribus. VI. Two young soldiers.
Circulation 49:1239-46, Jun 74
ADRENAL GLAND DISEASES, complications/ ADULT/ ARRHYTHMIA, drug therapy/ ATHLETIC INJURIES/ AUTOPSY/ CHOLELITHIASIS, complications/ CORONARY VESSEL ANOMALIES/ CORONARY VESSELS, pathology/ *DEATH, SUDDEN/ DIGITALIS, therapeutic use/ ELECTROCARDIOGRAPHY/ HEART CONDUCTION SYSTEM, pathology/ *HEART DISEASES, pathology/ HEART ENLARGEMENT/ HUMAN/ MALE/ MILITARY MEDICINE/ MYOCARDITIS, complications/ MYOCARDITIS, pathology/ *MYOCARDIUM, pathology/ PULMONARY EDEMA, complications/ QUINIDINE, therapeutic use/ THYMUS GLAND
2091. James WH: Letter: Anencephaly, ovulation stimulation, and subfertility. Lancet 1:1353, 29 Jun 74
*ANENCEPHALUS, chemically induced/ *CLOMIPHENE, adverse effects/ CLOMIPHENE, pharmacodynamics/ CLOMIPHENE, therapeutic use/ FEMALE/ HUMAN/ *OVULATION, drug effects/ *STERILITY, FEMALE, drug therapy
2092. James WH: Letter: Anencephaly, spina bifida, dizygotic twinning, and hormones.
Lancet 1:1007, 18 May 74
ANENCEPHALUS, diagnosis/ *ANENCEPHALUS, familial & genetic/ *DISEASES IN TWINS/ FEMALE/ GONADOTROPINS, blood/ HETEROZYGOTE/ HUMAN/ PREGNANCY/ PREGNANCY TESTS/ PRENATAL DIAGNOSIS/ SPINA BIFIDA, diagnosis/ *SPINA BIFIDA, familial & genetic

AUTHOR SECTION

2093. Jameson RM: Prolonged survival in paraplegia due to metastatic spinal tumours. *Lancet* 1:1209-11, 15 Jun 74
BLADDER NEOPLASMS, mortality/ BREAST NEOPLASMS, mortality/ BRONCHIAL NEOPLASMS, mortality/ CARCINOMA, mortality/ DISGERMINOMA, mortality/ FEMALE/ HODGKIN'S DISEASE, mortality/ HUMAN/ MALE/ MULTIPLE MYELOMA, mortality/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, mortality/ PARAPLEGIA, etiology/ *PARAPLEGIA, mortality/ PROGNOSIS/ PROSTATIC NEOPLASMS, mortality/ SPINAL NEOPLASMS, complications/ *SPINAL NEOPLASMS, mortality/ TIME FACTORS
2094. Janczewska H, Herbacyńska-Cedro K: Effect of indomethacin on vascular responses to vasoactive agents in working skeletal muscles in the dog. *Pol J Pharmacol Pharm* 26:159-66, Jan-Apr 74
*ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BARIUM, pharmacodynamics/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE, drug effects/ CAPILLARY RESISTANCE, drug effects/ CHLORIDES, pharmacodynamics/ ELECTRIC STIMULATION/ EXERTION/ FEMORAL ARTERY/ HINDLIMB/ HISTAMINE, pharmacodynamics/ *INDOMETHACIN, pharmacodynamics/ *MUSCLES, blood supply/ MUSCLES, drug effects/ *NOREPINEPHRINE, pharmacodynamics/ PAPAVERINE, pharmacodynamics/ PERFUSION/ PROSTAGLANDINS, pharmacodynamics/ REGIONAL BLOOD FLOW, drug effects/ SCIATIC NERVE/ VAGUS NERVE, physiology
2095. Janeczko J, Osuch T: Podostre nieropne zapalenie tarczycy. *Pol Tyg Lek* 30:937-9, 3 Jun 74 (Pol)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREDNISONE, therapeutic use/ RECURRENCE/ REMISSION/ *THYROIDITIS, diagnosis/ THYROIDITIS, drug therapy
2096. Jankowiak R, Stern JJ: Food intake and body weight modifications following medial hypothalamic hormone implants in female rats. *Physiol Behav* 12:875-9, May 74
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BODY WEIGHT, drug effects/ CASTRATION/ CHOLESTEROL, pharmacodynamics/ *EATING, drug effects/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, physiology/ OVARY, physiology/ *PROGESTERONE, pharmacodynamics/ STEREOTAXIC TECHNIQS/ STIMULATION, CHEMICAL
2097. Jänne O, Perheentupa J, Viinikka L, et al: Testicular endocrine function in a pubertal boy with 3beta-hydroxysteroid dehydrogenase deficiency. *J Clin Endocrinol Metab* 39:206-9, Jul 74
CASE REPORT/ GONADOTROPINS, pharmacodynamics/ HUMAN/ HYDROXYPROGESTERONE, blood/ *HYDROXYSTEROID DEHYDROGENASES/ LH, blood/ MALE/ *METABOLISM, INBORN ERRORS, physiopathology/ PREGNENOLONE, blood/ *PUBERTY/ STANOLONE, blood/ TESTIS, blood supply/ *TESTIS, physiopathology/ TESTOSTERONE, blood
2098. Janusskiewicz-Mielecka K: Przypadek wieloogniskowej postaci dysplazji włóknistej kości. *Wlad Lek* 27:919-21, 15 May 74 (Pol)
ENGLISH ABSTRACT/ EXOPHTHALMOS, diagnosis/ *FIBROUS DYSPLASIA OF BONE, complications/ HUMAN/ MALE/ SKULL, abnormalities/ VISION DISORDERS, etiology
2099. Japundžić I, Japundžić M, Szabo S: Induction of ethylmorphine demethylation and aniline p-hydroxylation by various catatoxic steroids in regenerating rat liver. *Eur J Biochem* 43:79-85, 15 Mar 74
*ANDROSTENOLS, pharmacodynamics/ ANILINE COMPOUNDS/ ANIMAL EXPERIMENTS/ CATATOXIC STEROIDS, pharmacodynamics/ COMPARATIVE STUDY/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ ENZYME INDUCTION/ FEMALE/ HEPATECTOMY/ *HYDROXYLASES, metabolism/ KETOSTEROIDS, pharmacodynamics/ LIVER, drug effects/ *LIVER, enzymology/ LIVER, physiology/ *LIVER REGENERATION, drug effects/ MORPHINANS/ *OXIDOREDUCTASES, N-DEMETHYLATING, metabolism/ *PREGNENOLONE CARBONITRILE, pharmacodynamics/ PROPIONATES, pharmacodynamics/ SPECTROPHOTOMETRY/ SPIRONOLACTONE, pharmacodynamics/ STEROIDS, FLUORINATED, pharmacodynamics/ TIME FACTORS
2100. Jaques C: Le carcinome médullaire de la glande thyroïde Morphologie, fréquence et aspects cliniques. *Schweiz Med Wochenschr* 104:602-5 contd, 27 Apr 74 (Fre)
ADULT/ AGED/ AUTOPSY/ BIOPSY/ *CARCINOMA, diagnosis/ CARCINOMA, mortality/ CARCINOMA, occurrence/ CARCINOMA, pathology/ CARCINOMA, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ *THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, mortality/ THYROID NEOPLASMS, occurrence/ THYROID NEOPLASMS, pathology/ THYROID NEOPLASMS, surgery/ THYROIDECTOMY
2101. Jaquet P, Pelletier PA, Vague P, et al: Contrôle des fonctions thyroïdienne et corticotrope dans l'acromégalie. *Neurochirurgie* 19:531-6, Nov 73 (Fre)
ACROMEGALY, etiology/ ACROMEGALY, physiopathology/ *ACROMEGALY, therapy/ ADENOMA, EOSINOPHILIC, complications/ *ADENOMA, EOSINOPHILIC, therapy/ ADULT/ AGED/ CORTICOTROPIN, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPOPHYSECTOMY, adverse effects/ MALE/ MIDDLE AGE/ PITUITARY GLAND FUNCTION TESTS/ PITUITARY NEOPLASMS, complications/ *PITUITARY NEOPLASMS, therapy/ RADIOIMMUNOASSAY/ RADIOTHERAPY, adverse effects/ SOMATOTROPIN, blood/ STATISTICS/ THYROTROPIN, blood
2102. Jarem BJ, Jenicek JA: Early treatment of blunt chest trauma. *Tex Med* 70:89-94, May 74
ADULT/ CHILD, PRESCHOOL/ CURARE, therapeutic use/ FEMALE/ HUMAN/ INFANT/ MALE/ METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ MORPHINE, therapeutic use/ POSITIVE-PRESSURE RESPIRATION/ RIB FRACTURES, therapy/ THORACIC INJURIES, radiography/ *THORACIC INJURIES, therapy
2103. Jarrott B, Picken GM: Regulatory role of adenyl cyclase and cyclic AMP. *Adv Cardiol* 12:149-61, 1974
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ *ADENYL CYCLASE, analysis/ ANIMAL EXPERIMENTS/ CYTOCHROME REDUCTASES, analysis/ CYTOPLASM, enzymology/ IN VITRO/ LACTATE DEHYDROGENASE, analysis/ MALE/ MITOCHONDRIA, MUSCLE, enzymology/ *MYOCARDIUM, enzymology/ PHOSPHATASES, analysis/ POTASSIUM CHLORIDE/ SARCOLEMMMA, enzymology/ SARCOPLASMIC RETICULUM, enzymology/ SUBCELLULAR FRACTIONS, enzymology/ SUCCINATE DEHYDROGENASE, analysis/ SUCROSE/ ULTRACENTRIFUGATION/ ULTRAFILTRATION
2104. Jarrousse C, Rancon F, Rosselin G, et al: Sécrétion de l'insuline et du glucagon par le pancréas du rat nouveau-né: effet du glucose et de l'adénosine AMP 3'-5' cyclique monophosphate. *C R Acad Sci [D] (Paris)* 276:797-800, 29 Jan 73 (Fre)
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/

AUTHOR SECTION

- ADENYL CYCLASE, analysis/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *GLUCAGON, secretion/ *GLUCOSE, pharmacodynamics/ *INSULIN, secretion/ *PANCREAS, drug effects/ PANCREATICTOMY/ RADIOIMMUNOASSAY/ THEOPHYLLINE, pharmacodynamics
2105. Järvinen PA, Ylikorkala O, Ylöstalo P: Low dose lynestrenol as a contraceptive influence on ovarian function. *Ann Clin Res* 6:109-14, Apr 74
BIOPSY/ BODY TEMPERATURE, drug effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ENDOMETRIUM, pathology/ ESTRONE, urine/ FEMALE/ HUMAN/ LYNESTRENOL, administration & dosage/ *LYNESTRENOL, pharmacodynamics/ MENSTRUATION, drug effects/ *OVARY, drug effects/ OVULATION, drug effects/ PREGNANEDIOL, urine/ TIME FACTORS/ VAGINA, cytology/ VAGINA, drug effects/ VAGINAL SMEARS
2106. Jasin HE, Andreis M, Cheatum DE, et al: The 1972 annual meeting of the American Rheumatism Association. *Bull Rheum Dis* 23:708-11, 1972 (23 ref.)
ARTHRITIS, JUVENILE RHEUMATOID, diagnosis/ *ARTHRITIS, RHEUMATOID/ ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, immunology/ ARTHRITIS, RHEUMATOID, physiotherapy/ BIOPSY/ CARTILAGE, immunology/ CATHEPSIN, isolation & purification/ COMPLEMENT, analysis/ CYCLOPHOSPHAMIDE, therapeutic use/ ECHOCARDIOGRAPHY/ FEMALE/ FOLLOW-UP STUDIES/ GOUT, metabolism/ HUMAN/ HYPERSENSITIVITY, DELAYED/ IMMUNOGLOBULINS, analysis/ KIDNEY, pathology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ MALE/ MITRAL VALVE, physiotherapy/ PREDNISONE, therapeutic use/ RAYNAUD'S DISEASE, drug therapy/ RESERPINE, therapeutic use/ REVIEW/ SYNOVIAL FLUID, analysis
2107. Jaszcak P, Larsen JF, Rebbe H: Heterolog insemination i 140 tilfælde.
Ugeskr Laeger 136:799-802, 8 Apr 74 (Dan)
ABORTION/ ADULT/ CLOMIPHENE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INSEMINATION, ARTIFICIAL/ MALE/ PREGNANCY/ *PREGNANCY/ STIMULATION, CHEMICAL/ TISSUE DONORS
2108. Jefcoate CR, Simpson ER, Boyd GS: Spectral properties of rat adrenal-mitochondrial cytochrome P-450. *Eur J Biochem* 42:539-51, 1 Mar 74
ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ BINDING SITES/ CARBON RADIOISOTOPES/ CATTLE/ CHOLESTEROL/ CYCLOHEXIMIDE, pharmacodynamics/ *CYTOCHROME P-450, metabolism/ DESOXYCORTICOSTERONE/ ETHYL ETHERS, pharmacodynamics/ FEMALE/ HYDROGEN-ION CONCENTRATION/ MALE/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, enzymology/ PREGNENOLONE/ PROTEIN BINDING/ RATS/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRESS, enzymology/ TIME FACTORS
2109. Jeffcoate SL, Holland DT: Proceedings: Production rats of luteinizing hormone releasing hormone in man estimated from blood and urine clearances. *N Engl J Med* 291:ixli, 11 Jun 74
FEMALE/ HUMAN/ LH-FSH RELEASING HORMONE, blood/ *LH-FSH RELEASING HORMONE, metabolism/ LH-FSH RELEASING HORMONE, urine/ MALE/ METABOLIC CLEARANCE RATE/ RABBITS, immunology/ RADIOIMMUNOASSAY/ RATS, immunology
2110. Jefferys DB, White IR: The influence of oral contraceptives on the effect of low-protein-high sucrose or low-protein-high-starch diets on male rats. *Proc Nutr Soc* 32:81A-82A, Sep 73
ALPHA GLOBULIN, analysis/ ANIMAL EXPERIMENTS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *DIETARY CARBOHYDRATES, metabolism/ *DIETARY PROTEINS, metabolism/ MALE/ RATS/ SERUM ALBUMIN, analysis/ STARCH, metabolism/ SUCROSE, metabolism
2111. Jefferys DB, White IR: The lipid response to female gonadal hormones of male rats given a high-sucrose diet. *Proc Nutr Soc* 32:60A, Sep 73
ANIMAL EXPERIMENTS/ *DIETARY CARBOHYDRATES, metabolism/ *ESTRADIOL, pharmacodynamics/ LIVER, analysis/ MALE/ *PROGESTERONE, pharmacodynamics/ RATS/ *SUCROSE, metabolism/ *TRIGLYCERIDES, analysis/ TRIGLYCERIDES, blood
2112. Jefferys DB, White IR: Influence of a combined oral contraceptive upon rats fed low protein-high carbohydrate diets. *Nutr Metab* 16:155-62, 1974
ALPHA GLOBULIN, metabolism/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ BETA GLOBULIN, metabolism/ BODY WEIGHT, drug effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DIET/ *DIETARY CARBOHYDRATES, administration & dosage/ *DIETARY PROTEINS, administration & dosage/ DRUG SYNERGISM/ GAMMA GLOBULIN, metabolism/ LIPIDS, blood/ LIPIDS, metabolism/ LIVER, drug effects/ LIVER, metabolism/ MALE/ SERUM ALBUMIN, metabolism/ *STARCH, pharmacodynamics/ *SUCROSE, pharmacodynamics
2113. Jelenko C 3d: Tietze's syndrome at the xiphisternal joint. *South Med J* 67:818-20, Jul 74
BIOPSY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ HYDROCORTISONE, administration & dosage/ HYDROCORTISONE, therapeutic use/ INJECTIONS, INTRA-ARTICULAR/ *JOINTS/ LIDOCAINE, administration & dosage/ LIDOCAINE, therapeutic use/ MALE/ *STERNUM, pathology/ TIETZE'S SYNDROME, diagnosis/ TIETZE'S SYNDROME, drug therapy/ *TIETZE'S SYNDROME, pathology/ TIETZE'S SYNDROME, radiography
2114. Jemmali M: Présence d'un facteur oestrogénique d'origine fongique la zearalenone ou F-2, Comme contaminant naturel, dans du maïs.
Ann Microbiol (Paris) 124:109-14, Jul 73 (Fre)
ANIMAL FEED, analysis/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ CORN/ *CORN, analysis/ ENGLISH ABSTRACT/ *ESTROGENS, analysis/ *FOOD CONTAMINATION, analysis/ FOOD HANDLING/ FOOD PRESERVATION/ FUSARIUM, isolation & purification/ *MYCOTOXINS, analysis/ SOLVENTS/ TEMPERATURE
2115. Jenkin G, Heap RB: Proceedings: The lack of response of the sheep pituitary to luteinizing hormone releasing hormone stimulation in gestation and early lactation; the probable role of progesterone. *J Endocrinol* 61:12-3, Apr 74
ANIMAL EXPERIMENTS/ ESTRUS/ FEMALE/ *LACTATION/ LH, blood/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ OVULATION/ *PITUITARY GLAND, drug effects/ PREGNANCY/ *PREGNANCY, ANIMAL/ *PROGESTERONE, blood/ RADIOIMMUNOASSAY
2116. Jenness R: Proceedings: Biosynthesis and composition of milk. *J Invest Dermatol* 63:109-18, Jul 74 (44 ref.)
ANIMAL EXPERIMENTS/ BODY WEIGHT/ BREAST, secretion/ CASEIN, biosynthesis/ ENERGY METABOLISM/ EVOLUTION/ FEMALE/ HUMAN/ KREBS CYCLE/ LACTATION/ LACTOSE, biosynthesis/ LIPIDS, biosynthesis/ MAMMAE, secretion/ MILK,

AUTHOR SECTION

analysis/ *MILK, metabolism/ MILK, HUMAN, analysis/ *MILK, HUMAN, metabolism/ MILK PROTEINS, analysis/ POTASSIUM, analysis/ REVIEW/ SODIUM, analysis/ WATER, analysis

INTESTINE, SMALL, metabolism/ *INTESTINE, SMALL, physiology/ *MAGNESIUM, analysis/ MAGNESIUM, metabolism/ MUSCLE, SMOOTH, metabolism/ *MUSCLE, SMOOTH, physiology/ *POTASSIUM, analysis/ POTASSIUM, metabolism/ *SODIUM, analysis/ SODIUM, metabolism

2117. Jepson JH, McGarry EE: Effect of the anabolic protein hormone prolactin on human erythropoiesis.

J Clin Pharmacol 5:296-300, May-Jun 74
ADULT/ BLOOD CELL COUNT/ BONE MARROW DISEASES, drug therapy/ BONE MARROW DISEASES, physiopathology/ DDT, poisoning/ DIABETES MELLITUS, complications/ ERYTHROCYTES, metabolism/ *ERYTHROPOIESIS, drug effects/ ERYTHROPOIETIN, analysis/ FEMALE/ HEMORRHAGE, therapy/ HUMAN/ IRON, blood/ KINETICS/ LEUKOCYTE COUNT/ MIDDLE AGE/ *PROLACTIN, pharmacodynamics/ PROLACTIN, therapeutic use/ TIME FACTORS

2118. Jequier AM, Jacobs HS, Kurtz AJ, et al: Proceedings: Gonadotrophin secretion in endocrine disorders: response to luteinizing hormone-follicle-stimulating hormone releasing hormone.

N Engl J Med 291:ixi, 11 Jun 74
*AMENORRHEA, metabolism/ *ANOREXIA NERVOSA, metabolism/ FEMALE/ *GONADOTROPINS, PITUITARY, secretion/ HUMAN/ *HYPOGONADISM, metabolism/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ MALE/ STIMULATION, CHEMICAL

2119. Jerums G, Galton DJ: Two types of insulin receptors mediating opposite effects on cyclic-amp in fat cells of the rat. Horm Metab Res 6:242-3, May 74

*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CELL MEMBRANE, metabolism/ *INSULIN/ *RECEPTORS, DRUG/ TRYPSIN, metabolism

2120. Jeske W, Roszkowski I, Czech W, et al: Występowanie przeciwciał tyreoglobulinowych u kobiet ciężarnych. Ginekol Pol 45:439-42, Apr 74 (Pol)

ABORTION, THREATENED, immunology/ ADOLESCENCE/ ADULT/ *AUTOANTIBODIES, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PREGNANCY/ *THYROGLOBULIN

2121. Jimerson SD: Pseudo-Meigs's syndrome. An unusual case with analysis of the effusions.

Obstet Gynecol 42:535-7, Oct 73
ASCITIC FLUID, analysis/ CYSTADENOMA, MUCINOUS, complications/ DIAGNOSIS, DIFFERENTIAL/ ELECTROPHORESIS/ FEMALE/ HUMAN/ LIPIDS, analysis/ *MEIGS' SYNDROME, diagnosis/ MEIGS' SYNDROME, radiography/ OVARIAN NEOPLASMS, complications/ PLEURAL EFFUSION, analysis/ PUERPERAL DISORDERS, diagnosis

2122. Job DD, Bloomquist WE: Correlations between ionic contents in different regions and layers of intestinal muscles. Am J Physiol 226:1496-501, Jun 74

ANIMAL EXPERIMENTS/ *CALCIUM, analysis/ CALCIUM, metabolism/ CARBON RADIOISOTOPES/ *CHLORIDES, analysis/ CHLORIDES, metabolism/ COMPARATIVE STUDY/ COMPUTERS, DIGITAL/ DUODENUM, metabolism/ EXTRACELLULAR SPACE/ ILEUM, metabolism/ IN VITRO/ *INTESTINE, SMALL, metabolism/ JEJUNUM, metabolism/ MAGNESIUM, metabolism/ *MAGNESIUM, metabolism/ *MUSCLE, SMOOTH, analysis/ MUSCLE, SMOOTH, metabolism/ *POTASSIUM, analysis/ POTASSIUM, metabolism/ *SODIUM, analysis/ SODIUM, metabolism

2123. Job DD, Bloomquist WE, Bridgeforth J: Correlations between electrolyte content and spontaneous electrical activity in intestinal muscle.

Am J Physiol 226:1502-9, Jun 74
ANIMAL EXPERIMENTS/ *CALCIUM, analysis/ CALCIUM, metabolism/ *CHLORIDES, analysis/ CHLORIDES, metabolism/ COMPARATIVE STUDY/ ELECTROPHYSIOLOGY/ IN VITRO/

2124. Job JC, Garnier PE, Chaussain JL, et al: Effect of synthetic luteinizing hormone-releasing hormone (LH-RH) on the release of gonadotropins in hypophyso-gonadal disorders of children and adolescents. V. Agonadism.

J Clin Endocrinol Metab 38:1109-14, Jun 74
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ESTRADIOL, blood/ ESTRONE, blood/ FEMALE/ *FSH, blood/ HUMAN/ INFANT/ *LH, blood/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ MALE/ PSEUDOHERMAPHRODITISM, blood/ RADIOIMMUNOASSAY/ TESTIS, abnormalities/ TESTOSTERONE, blood/ *TURNER'S SYNDROME, blood

2125. Jobba G: De Quervain thyreoiditis esete. Morphol Igazságügyi Orv Sz 14:63-6, Jan 74 (Hun)

AUTOPSY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ SUICIDE/ THYROID GLAND, pathology/ *THYROIDITIS, pathology

2126. Jochem B, Greschuchna D: Diagnostik von Mediastinaltumoren.

Med Klin 69:735-44, 26 Apr 74 (Ger)
BIOPSY/ CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ GOITER, diagnosis/ HODGKIN'S DISEASE, diagnosis/ HUMAN/ LYMPHATIC METASTASIS/ LYMPHOSARCOMA, diagnosis/ MALE/ MEDIASTINAL DISEASES, diagnosis/ MEDIASTINAL NEOPLASMS, blood/ *MEDIASTINAL NEOPLASMS, diagnosis/ MEDIASTINOSCOPY/ NEOPLASM METASTASIS/ NEURILEMMOMA, diagnosis/ NEUROFIBROMA, diagnosis/ SARCOIDOSIS, diagnosis/ TERATOID TUMOR, diagnosis/ THORACIC RADIOGRAPHY/ THYMOMA, diagnosis/ TUBERCULOSIS, LYMPH NODE, diagnosis

2127. Johannessen J: Serøst papillifert cystadenokarcinom med senmetastisering.

Ugeskr Laeger 136:984, 29 Apr 74 (Dan)
*CYSTADENOMA, PAPILLARY, pathology/ CYSTADENOMA, PAPILLARY, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, pathology/ OVARIAN NEOPLASMS, surgery/ RIBS, pathology/ *THORACIC NEOPLASMS, pathology/ TIME FACTORS

2128. Johannsson B, Roos BE: 5-Hydroxyindoleacetic acid and homovanillic acid in cerebrospinal fluid of patients with neurological diseases. Eur Neurol 11:37-45, 1974

ADULT/ BRAIN NEOPLASMS, cerebrospinal fluid/ *CENTRAL NERVOUS SYSTEM DISEASES, cerebrospinal fluid/ CENTRAL NERVOUS SYSTEM DISEASES, metabolism/ CEREBELLAR ATAXIA, cerebrospinal fluid/ CEREBROVASCULAR DISORDERS, cerebrospinal fluid/ CHOREA, HEREDITARY, cerebrospinal fluid/ DOPAMINE, cerebrospinal fluid/ ENCEPHALITIS, cerebrospinal fluid/ FEMALE/ GILLES DE LA TOURETTE'S DISEASE, cerebrospinal fluid/ HOMOVANILLIC ACID, cerebrospinal fluid/ HUMAN/ HYDROCEPHALUS, NORMAL PRESSURE, cerebrospinal fluid/ *HYDROXYINDOLEACETIC ACID, cerebrospinal fluid/ MALE/ MIDDLE AGE/ *PERIPHERAL NERVE DISEASES, cerebrospinal fluid/ *PHENYLACETATES, cerebrospinal fluid/ SEROTONIN, metabolism/ SPECTROMETRY, FLUORESCENCE/ SPINAL CORD DISEASES, cerebrospinal fluid/ SPINAL CORD INJURIES, cerebrospinal fluid/ TORTICOLLIS, cerebrospinal fluid/ TREMOR, cerebrospinal fluid

AUTHOR SECTION

2129. Johanson A: Fluctuations of gonadotropin levels in children. *J Clin Endocrinol Metab* 39:154-9, Jul 74
AGE FACTORS/ COMPARATIVE STUDY/
FEMALE/ *FSH, blood/ HUMAN/ *LH, blood/
MALE/ PERIODICITY/ PUBERTY/
RADIOIMMUNOASSAY/ SEX FACTORS
2130. John B, Claridge MF: Chromosome variation in British populations on *Oncopeltus* (Hemiptera: Cicadellidae). *Chromosoma* 46:77-89, 21 May 74
ANIMAL EXPERIMENTS/ CHROMOSOME
ABERRATIONS/ *CHROMOSOMES/ CROSSING
OVER (GENETICS)/ GREAT BRITAIN/
*INSECTS/ KARYOTYPING/ MALE/ MEIOSIS/
MUTATION/ POLYMORPHISM (GENETICS)/
SEX CHROMOSOMES/ *VARIATION
(GENETICS)
2131. John TM, McKeown BA, George JC: Effect of vasotocin and glucagon on plasma growth hormone levels in the pigeon. *Comp Biochem Physiol [A]* 48:521-6, 1 Jul 74
ANIMAL EXPERIMENTS/ ARGININE/
CIRCADIAN RHYTHM/ COMPARATIVE
STUDY/ DRUG SYNERGISM/ *GLUCAGON,
pharmacodynamics/ IODINE RADIOISOTOPES/
*PIGEONS, metabolism/ RABBITS,
immunology/ RADIOIMMUNOASSAY/
*SOMATOTROPIN, blood/ TIME FACTORS/
*VASOTOCIN, pharmacodynamics
2132. Johnson A, Newton JR: Labour induced by prostaglandin F₂ using the Cardiff infusion apparatus. *Lancet* 1:1253-4, 22 Jun 74
CATHETERIZATION/ FEMALE/ FETAL
HEART, physiology/ HEART RATE/ HUMAN/
*INFUSIONS, PARENTERAL, instrumentation/
*LABOR, INDUCED, instrumentation/
*PROSTAGLANDINS, administration & dosage/
PROSTAGLANDINS, pharmacodynamics/ TIME
FACTORS/ UTERUS, drug effects
2133. Johnson AT Jr, Halbert D: Congenital neuroblastoma presenting as hydrops fetalis. *NC Med J* 35:289-91, May 74
ADOLESCENCE/ *ADRENAL GLAND
NEOPLASMS, congenital/ ADRENAL GLAND
NEOPLASMS, diagnosis/ ADRENAL GLAND
NEOPLASMS, pathology/ DIAGNOSIS,
DIFFERENTIAL/ EDEMA, congenital/ EDEMA,
diagnosis/ FEMALE/ *FETAL DISEASES,
diagnosis/ HUMAN/ INFANT, NEWBORN/
*NEUROBLASTOMA, congenital/
NEUROBLASTOMA, diagnosis/
NEUROBLASTOMA, pathology/ PLACENTA,
pathology/ PREGNANCY
2134. Johnson DG, Thompson WJ, Williams RH: Regulation of adenylyl cyclase from isolated pancreatic islets by prostaglandins and guanosine 5'-triphosphate. *Biochemistry* 13:1920-4, 23 Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
ADENOSINE TRIPHOSPHATE, administration
& dosage/ ADENOSINE TRIPHOSPHATE,
pharmacodynamics/ *ADENYL CYCLASE,
metabolism/ ANIMAL EXPERIMENTS/ DRUG
SYNERGISM/ ENZYME ACTIVATION/
FLUORIDES, pharmacodynamics/ GUANOSINE
TRIPHOSPHATE, administration & dosage/
*GUANOSINE TRIPHOSPHATE,
pharmacodynamics/ ISLANDS OF
LANGERHANS, drug effects/ *ISLANDS OF
LANGERHANS, enzymology/ KINETICS/
MALE/ MEMBRANES, drug effects/
MEMBRANES, enzymology/
PHOSPHODIESTERASES, metabolism/
PHOSPHORUS RADIOISOTOPES/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics/
SODIUM, pharmacodynamics/
STRUCTURE-ACTIVITY RELATIONSHIP/
TRITIUM
2135. Johnson GS, D'armiento M, Carchman RA: N6-substituted adenines induce cell elongation irrespective of the intracellular cyclic AMP levels. *Exp Cell Res* 85:47-56, 30 Mar 74
ADENINE, pharmacodynamics/ ADENOSINE,
pharmacodynamics/ ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE/ ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ *ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE, metabolism/
CELL ADHESION, drug effects/ CELL-FREE
SYSTEM/ CELL MOVEMENT, drug effects/
CELLS, CULTURED/ FIBROBLASTS, analysis/
*FIBROBLASTS, cytology/ FIBROBLASTS,
enzymology/ FIBROBLASTS, metabolism/ L
CELLS/ MICE/ MICROSCOPY, PHASE
CONTRAST/ PHOSPHODIESTERASES,
metabolism/ *PURINES, pharmacodynamics/
THEOPHYLLINE, pharmacodynamics/
TRITIUM/ XANTHINES, pharmacodynamics
2136. Johnson M, Jessup R, Jessup S, et al: Reversible physical and chemical manipulation of the prostaglandin receptor. *Prostaglandins* 6:543-4, 25 Jun 74
ANIMAL EXPERIMENTS/ DEPRESSION,
CHEMICAL/ DISULFIDES, pharmacodynamics/
DITHIOTHREITOL, pharmacodynamics/
MUSCLE CONTRACTION, drug effects/
MUSCLE, SMOOTH, drug effects/
NITROBENZENES, pharmacodynamics/
PLATELET ADHESIVENESS, drug effects/
*PROSTAGLANDINS, metabolism/
*RECEPTORS, DRUG, drug effects/
RECEPTORS, DRUG, radiation effects/ TIME
FACTORS/ TRITIUM/ ULTRAVIOLET RAYS/
UTERUS, drug effects
2137. Johnson PN, Freedberg AS, Marshall JM: Action of thyroid hormone on the transmembrane potentials from sinoatrial node cells and atrial muscle cells in isolated atria of rabbits. *Cardiology* 58:273-89, 1973
*ACTION POTENTIALS, drug effects/
ANIMAL EXPERIMENTS/ ATROPINE,
pharmacodynamics/ *CELL MEMBRANE,
physiology/ COMPARATIVE STUDY/
ELECTRIC STIMULATION/ *HEART ATRIUM,
cytology/ HYPOTHYROIDISM, physiopathology/
*MEMBRANE POTENTIALS, drug effects/
PROPRANOLOL, pharmacodynamics/
*SINO-ATRIAL NODE, cytology/ *THYROID
HORMONES, pharmacodynamics/ THYROXINE,
metabolism
2138. Johnson WG: Effect of cue prominence and subject weight on human food-directed performance. *J Pers Soc Psychol* 29:843-8, Jun 74
ANIMAL EXPERIMENTS/ BEHAVIOR,
ANIMAL/ BODY WEIGHT/ COMPARATIVE
STUDY/ *CONDITIONING, OPERANT/ *CUES/
*EATING/ FEMALE/ HUMAN/
HYPOTHALAMUS, physiology/ MALE/
*OBESITY/ REINFORCEMENT
(PSYCHOLOGY)/ TASTE
2139. Johnson WJ, Goldsmith RS, Beabout JW, et al: Prevention and reversal of progressive secondary hyperparathyroidism in patients maintained by hemodialysis. *Am J Med* 56:827-32, Jun 74
BONE RESORPTION/ *CALCIUM, blood/
*HEMODIALYSIS, adverse effects/
HOMEOSTASIS/ HYPERPARATHYROIDISM,
SECONDARY, blood/
HYPERPARATHYROIDISM, SECONDARY,
etiology/ *HYPERPARATHYROIDISM,
SECONDARY, prevention & control/
PARATHYROID HORMONE, blood/
*PHOSPHORUS, blood
2140. Johnston RR, Way WL, Miller RD: The effect of CNS catecholamine-depleting drugs on dextroamphetamine-induced elevation of halothane MAC. *Anesthesiology* 41:57-61, Jul 74
ANESTHESIA, INHALATION/ ANIMAL
EXPERIMENTS/ BRAIN, analysis/ BRAIN,
metabolism/ *BRAIN CHEMISTRY, drug
effects/ CATECHOLAMINES, analysis/
*CATECHOLAMINES, secretion/ DEXTRO
AMPHETAMINE, blood/ *DEXTRO
AMPHETAMINE, pharmacodynamics/ DRUG
INTERACTIONS/ *HALOTHANE, metabolism/
*METHYLTYROSINES, pharmacodynamics/
*PULMONARY ALVEOLI, metabolism/
RECEPTORS, DRUG, drug effects/
*RESERPINE, pharmacodynamics/ SEROTONIN
analysis
2141. Johnstone FD, Campbell S: Adrenal response pregnancy to long-acting tetracosactrin.

AUTHOR SECTION

- J Obstet Gynaecol Br Commonw 81:363-7, May 74
*ADRENAL GLANDS, drug effects/
CORTICOSTERONE, blood/ CORTICOTROPIN,
blood/ *CORTICOTROPIN, pharmacodynamics/
ESTRIOL, blood/ FEMALE/ FLUORESCENCE/
HUMAN/ 11-HYDROXYCORTICOSTEROIDS,
blood/ KINETICS/ *PREGNANCY, drug
effects/ RADIOIMMUNOASSAY/ TIME
FACTORS
2142. Johnstone FD, Cullen R, Youngson G: A comparison of
the specific effects of oestriol and oestradiol on the
uterine body and cervix of the spayed rat.
J Reprod Fertil 38:287-91, Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/
*CERVIX UTERI, drug effects/
COMPARATIVE STUDY/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ ESTRADIOL,
administration & dosage/ *ESTRADIOL,
pharmacodynamics/ ESTRIOL, administration &
dosage/ *ESTRIOL, pharmacodynamics/
FEMALE/ INJECTIONS, INTRAPERITONEAL/
MUSCLE CONTRACTION, drug effects/
ORGAN WEIGHT/ *UTERUS, drug effects
2143. Jolin T, Montes A: The different effect of
thyroidectomy, KClO₄ and propylthiouracil on insulin
secretion and glucose uptake in the rat.
Endocrinology 94:1502-7, Jun 74
ADRENAL GLANDS, drug effects/ ADRENAL
GLANDS, physiology/ ADRENALECTOMY/
ANIMAL EXPERIMENTS/ BLOOD PROTEINS,
metabolism/ *BLOOD SUGAR, metabolism/
BODY WEIGHT/ COMPARATIVE STUDY/
HYPOPHYSECTOMY/ *INSULIN, secretion/
IODINE, blood/ MALE/ ORGAN WEIGHT/
PITUITARY GLAND, drug effects/
PITUITARY GLAND, physiology/
POTASSIUM, pharmacodynamics/
*PROPYLTHIOURACIL, pharmacodynamics/
RATS/ SOMATOTROPIN, metabolism/
*THYROIDECTOMY
2144. Jones CD, Mason NR: Preparation of 6 alpha- and 6
beta-carboxymethyl steroid conjugates and their use
in radiolimmunoassay for progesterone.
Steroids 23:323-36, Mar 74
AMIDES, chem synthesis/ ANTIBODY
SPECIFICITY/ CATTLE/ CROSS REACTIONS/
ISOMERISM/ METHODS/ NUCLEAR
MAGNETIC RESONANCE/ *PROGESTERONE,
blood/ PROGESTERONE, metabolism/
PROTEIN BINDING/ RABBITS, immunology/
*RADIOIMMUNOASSAY/ SERUM ALBUMIN,
BOVINE, metabolism/ SPECTRUM ANALYSIS,
MASS/ TRITIUM
2145. Jones DD, Williams G, Prochazka B: Multiple molecular
forms of gamma-glutamyl transpeptidase during
human pregnancy. Enzyme 17:139-45, 1974
BONE AND BONES, enzymology/
ELECTROPHORESIS, DISC/ FEMALE/
GLUTAMYL TRANSPEPTIDASE, blood/
*GLUTAMYL TRANSPEPTIDASE, metabolism/
HUMAN/ INTESTINES, enzymology/
*ISOENZYMES, metabolism/ KIDNEY,
enzymology/ LIVER, enzymology/
METHIONINE, metabolism/ PANCREAS,
enzymology/ PLACENTA, enzymology/
*PREGNANCY/ SURFACE-ACTIVE AGENTS,
metabolism/ UREA, metabolism
2146. Jones DJ, Medina MA, Ross DH, et al: Rate of
inactivation of adenyl cyclase and phosphodiesterase:
determinants of brain cyclic AMP.
Life Sci 14:1577-85, 16 Apr 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ ADENOSINE
TRIPHOSPHATE/ *ADENYL CYCLASE,
metabolism/ ANIMAL EXPERIMENTS/ BRAIN,
drug effects/ *BRAIN, enzymology/ *BRAIN
CHEMISTRY/ CARBON RADIOISOTOPES/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ FLUORIDES, pharmacodynamics/
FREEZING/ INSECTS, enzymology/
LUCIFERASE/ LUMINESCENCE/ MALE/
METHODS/ MICROWAVES/ NITROGEN/
*PHOSPHODIESTERASES, metabolism
- RADIOIMMUNOASSAY/ RATS/ TIME
FACTORS/ TRITIUM
2147. Jones GE, Boyns AR: Effect of gonadal steroids on the
pituitary responsiveness to synthetic luteinizing
hormone releasing hormone in the male dog.
J Endocrinol 61:123-31, Apr 74
ALLYL COMPOUNDS, pharmacodynamics/
ANALGESICS AND ANTIPYRETICS,
pharmacodynamics/ ANDROSTENOLS,
pharmacodynamics/ ANIMAL EXPERIMENTS/
DIETHYLAMINES, pharmacodynamics/
DIETHYLSTILBESTROL, pharmacodynamics/
DOGS/ ESTRADIOL, pharmacodynamics/
INJECTIONS, INTRAMUSCULAR/
INJECTIONS, INTRAVENOUS/ LH, blood/
LH-FSH RELEASING HORMONE, antagonists
& inhibitors/ *LH-FSH RELEASING
HORMONE, pharmacodynamics/ MALE/
*PITUITARY GLAND, drug effects/
PROGESTERONE, pharmacodynamics/
RADIOIMMUNOASSAY/ *SEX HORMONES,
pharmacodynamics/ STANOLONE,
pharmacodynamics/ TESTOSTERONE,
pharmacodynamics/ THIOPHENES,
pharmacodynamics
2148. Jones GH: Modified synaptinomal complexes in
spermatocytes of Stethophyma grossum.
Cold Spring Harbor Symp Quant Biol 38:109-15, 1973
ANIMAL EXPERIMENTS/ CELL NUCLEOLUS/
CHROMOSOMES/ *GRASSHOPPERS, cytology/
KARYOTYPING/ MALE/ *MEIOSIS/
MICROSCOPY, ELECTRON/ *ORGANOIDS/
SEX CHROMOSOMES/ *SPERMATOZOA,
cytology
2149. Jones GS, Aksel S, Wentz AC: Serum progesterone
values in the luteal phase defects. Effect of chorionic
gonadotropin. Obstet Gynecol 44:26-34, Jul 74
BIOLOGICAL ASSAY/ BIOPSY/ BODY
TEMPERATURE/ *CORPUS LUTEUM/
ENDOMETRIUM, pathology/ FEMALE/
GONADOTROPINS, CHORIONIC, administration
& dosage/ *GONADOTROPINS, CHORIONIC,
therapeutic use/ HUMAN/ INJECTIONS,
INTRAMUSCULAR/ *OVULATION/
PROGESTERONE, administration & dosage/
PROGESTERONE, blood/ PROGESTERONE,
therapeutic use/ RADIOIMMUNOASSAY/
*STERILITY, FEMALE, blood/ STERILITY,
FEMALE, drug therapy/ STERILITY,
FEMALE, etiology/ STERILITY, FEMALE,
pathology
2150. Jones JB, Madill GT, Pryse-Davies J: Histochemical
examination of the human placenta for
5-hydroxytryptamine and monoamine oxidase.
J Obstet Gynaecol Br Commonw 81:469-71, Jun 74
FEMALE/ GESTATIONAL AGE/
HISTOCYTOCHEMISTRY/ HUMAN/
METHODS/ *MONOAMINE OXIDASE, analysis/
*PLACENTA, analysis/ PLACENTA,
enzymology/ *SEROTONIN, analysis/
TROPHOBLAST, enzymology
2151. Jones RC, Tracy J: Effects of thyroidectomy on ovarian
compensatory hypertrophy in rats.
Experientia 30:432-3, 15 Apr 74
ANIMAL EXPERIMENTS/ BODY WEIGHT/
*CASTRATION/ COMPARATIVE STUDY/
DIET/ FEMALE/ ORGAN WEIGHT/ OVARY,
drug effects/ *OVARY, physiology/ *THYROID
GLAND, physiology/ THYROIDECTOMY/
THYROXINE, pharmacodynamics
2152. Jones RE, Sedgley NB, Gerrard AM, et al: Endocrine
control of clutch size in reptiles. 3.
Delta5-3beta-hydroxysteroid dehydrogenase activity
in different-sized ovarian follicles of Anolis
carolinensis. Gen Comp Endocrinol 22:448-53, Apr 74
ANIMAL EXPERIMENTS/ FEMALE/
*HYDROXYSTEROID DEHYDROGENASES,
metabolism/ *LIZARDS, physiology/ ORGAN
WEIGHT/ *OVARY, enzymology/ OVULATION/
SEASONS
2153. Jones SJ, Boyde A: The organization and gross
mineralization patterns of the collagen fibres in
Sharpey fibre bone.

AUTHOR SECTION

- Cell Tissue Res 148:83-96, 29 Mar 74
ALVEOLAR PROCESS, anatomy & histology/
ANIMAL EXPERIMENTS/ *BONE AND
BONES, anatomy & histology/
*CALCIFICATION, PHYSIOLOGIC/
CHIROPTERA/ *COLLAGEN/ COMPARATIVE
STUDY/ DOGS/ FREEZE DRYING/ GUINEA
PIGS/ HISTOLOGICAL TECHNIQS/ HORSES/
HUMAN/ HUMERUS, anatomy & histology/
MACACA/ MICROSCOPY, ELECTRON,
SCANNING/ MONKEYS/ OPOSSUMS/
*PERIOSTEUM, anatomy & histology/
PERISSODACTYLA/ RATS/ SKULL, anatomy
& histology/ SQUIRRELS
2154. Jonsson G, Pycock C, Fuxe K, et al: Changes in the development of central noradrenaline neurones following neonatal administration of 6-hydroxydopamine. J Neurochem 22:419-26, Mar 74
ANIMAL EXPERIMENTS/ ANIMALS,
NEWBORN/ BIOLOGICAL TRANSPORT/
BRAIN, cytology/ BRAIN, drug effects/
*BRAIN, metabolism/ CARBON
RADIOISOTOPES/ CENTRIFUGATION,
DENSITY GRADIENT/ CHROMATOGRAPHY,
ION EXCHANGE/ CHROMATOGRAPHY, THIN
LAYER/ HISTOCYTOCHEMISTRY/
*HYDROXYDOPAMINE, pharmacodynamics/
METARAMINOL, pharmacodynamics/
MICROSCOPY, FLUORESCENCE/
MONOAMINE OXIDASE, metabolism/
NEURONS, cytology/ NEURONS, drug effects/
*NEURONS, metabolism/ *NOREPINEPHRINE,
metabolism/ RATS/ RESERPINE,
pharmacodynamics/ SEROTONIN, metabolism/
SPECTROMETRY, FLUORESCENCE/
SUBCELLULAR FRACTIONS, drug effects/
SUBCELLULAR FRACTIONS, metabolism/
TRITIUM
2155. Jordan WP Jr, Finn JW: Flare dermatitis. Occurrence in skin transplant donor site following sensitization in recipient site. Arch Dermatol 109:884-6, Jun 74
ACCIDENTS, TRAFFIC/ ADULT/
DERMATITIS, CONTACT, drug therapy/
*DERMATITIS, CONTACT, etiology/
FLUOCINOLONE ACETONIDE,
therapeutic use/ FOLLOW-UP STUDIES/
HUMAN/ MALE/ PROTEINS/ SKIN, injuries/
*SKIN, transplantation/ SKIN TESTS/ TIME
FACTORS/ TRANSPLANTATION,
AUTOLOGOUS/ TRANSPLANTATION
IMMUNOLOGY
2156. Jordano J, Peña JF, Abu-Yaghi EN: Respuesta a la asociación heparina-azatioprina en un caso de uveítis de hipoplón (Behçet) empeorado inicialmente por corticosteroides. Rev Clin Esp 132:177-80, 31 Jan 74 (Spa)
*AZATHIOPRINE, therapeutic use/ *BEHCET'S
SYNDROME, drug therapy/
DEXAMETHASONE, adverse effects/
DEXAMETHASONE, therapeutic use/ DRUG
EVALUATION/ FEMALE/ *HEPARIN,
therapeutic use/ HUMAN/ OINTMENTS
2157. Jorgensen CB: Effect of exogenous estradiol-17 beta on vitellogenic oocyte growth in ovaries of the toad Bufo bufo (L.) during the postspawning period. Gen Comp Endocrinol 23:164-9, Jun 74
ANIMAL EXPERIMENTS/ *BUFO BUFO,
physiology/ *ESTRADIOL, pharmacodynamics/
FEMALE/ GONADOTROPINS, PITUITARY,
secretion/ *OVARY, physiology/ *OVUM,
growth & development
2158. Jorgensen EC, Murray WJ, Block P Jr: Thyroxine analogs. 22. Thyromimetic activity of halogen-free derivatives of 3,5-dimethyl-L-thyronine. J Med Chem 17:434-9, Apr 74
ANIMAL EXPERIMENTS/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ GOITER, chemically
induced/ GOITER, drug therapy/
MOLECULAR CONFORMATION/ NUCLEAR
MAGNETIC RESONANCE/ RATS/ SPECTRUM
ANALYSIS, MASS/ STRUCTURE-ACTIVITY
RELATIONSHIP/ THIOURACIL/ THYRONINE,
analysis/ *THYRONINE, chem synthesis/
THYRONINE, therapeutic use/ *THYROXINE
2159. Jorgensen H: Bløkkjemisk diagnostikk ved hyperkalsemi. Tidsskr Nor Lægeforen 94:1126-31, 20 Jun 74 (Nor)
CALCIUM, metabolism/ CORTISONE,
diagnostic use/ HUMAN/ *HYPERCALCEMIA,
blood/ HYPERPARATHYROIDISM, blood/
PARATHYROID HORMONE, metabolism/
PHOSPHATES, blood/ PHOSPHATES,
metabolism
2160. Josefsberg Z, Laron Z, Mathias S, et al: Long-term administration of medroxyprogesterone acetate (MPA) to acromegalic patients. Clin Endocrinol (Oxf) 3:195-202, Apr 74
ACETIC ACIDS/ ACROMEGALY, blood/
*ACROMEGALY, drug therapy/ ARGININE,
metabolism/ ARGININE, pharmacodynamics/
AUTOANALYSIS/ COLORIMETRY/ FASTING/
FEMALE/ FOLLOW-UP STUDIES/ GLUCOSE
TOLERANCE TEST/ HUMAN/ INSULIN,
metabolism/ INSULIN, pharmacodynamics/
MALE/ *MEDROXYPROGESTERONE,
therapeutic use/ SOMATOTROPIN, blood/
TIME FACTORS
2161. Jubiz W, Nolan G: The effects of 6-mercaptopurine (6-MP) on the thyroid gland. Endocrinology 94:1583-6, Jun 74
ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, PAPER/ DIET/ IODINE,
analysis/ IODINE, blood/ IODINE
RADIOISOTOPES/ MALE/
*MERCAPTOPYRINE, pharmacodynamics/
ORGAN WEIGHT/ RATS/ *THYROID GLAND,
drug effects/ THYROTROPIN, blood/
THYROXINE, blood/ TRIIODOTHYRONINE,
blood
2162. Judd BH, Young MW: An examination of the one cistron: one chromomere concept. Cold Spring Harbor Symp Quant Biol 38:573-9, 1973
ANIMAL EXPERIMENTS/ *CHROMOSOMES/
*DNA/ DROSOPHILA MELANOGASTER/
FEMALE/ *GENES/ GENES, REGULATOR/
GENES, STRUCTURAL/ GENETIC CODE/
GENETIC COMPLEMENTATION TEST/
GENOTYPE/ MALE/ MUTATION/ RNA,
MESSENGER/ SEX CHROMOSOMES/
TRANSCRIPTION, GENETIC
2163. Julian WA, Cole AT, Fried FA: Renovascular hypertension: a rare complication of excision of pheochromocytoma. J Urol 111:722-3, Jun 74
FEMALE/ HUMAN/ *HYPERTENSION,
RENAL, etiology/ *IATROGENIC DISEASE/
KIDNEY, blood supply/ KIDNEY, radiography/
KIDNEY CORTEX, radiography/ MIDDLE
AGE/ NEPHRECTOMY/
PHEOCHROMOCYTOMA, radiography/
*PHEOCHROMOCYTOMA, surgery/ RENAL
ARTERY, radiography/ RENAL VEINS,
radiography/ *SURGERY, OPERATIVE, adverse
effects
2164. Juliano RL: Isothiocyanate stilbene disulfonates are useful labels for the surface proteins of cultured mammalian cells. Exp Cell Res 86:181-4, May 74
CELL LINE/ *CELL MEMBRANE/ *CELLS,
CULTURED/ HAMSTERS/ MICE/
MICROSCOPY, FLUORESCENCE/
NEUROBLASTOMA/ OVARY/ *PROTEINS/
*STAINS AND STAINING/ *STILBENES/
SULFONIC ACIDS/ THIOCYANATES
2165. Juorio AV, Molinoff PB: The normal occurrence of octopamine in neural tissue of the Octopus and other cephalopods. J Neurochem 22:271-80, Feb 74
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ CATTLE/
CENTRIFUGATION, DENSITY GRADIENT/
CHROMATOGRAPHY, THIN LAYER/
DOPAMINE, analysis/ FEMALE/ MALE/
MICROSCOPY, ELECTRON/ *MOLLUSCA/
*NERVE TISSUE, analysis/ NERVE TISSUE,
cytology/ NERVE TISSUE, drug effects/
NERVE TISSUE, metabolism/
NOREPINEPHRINE, analysis/
*NORSYNEPHRINE, analysis/ *OCTOPUS/
PARGYLINE, pharmacodynamics/
PHENETHANOLAMINE

AUTHOR SECTION

N-METHYLTRANSFERASE/ RESERPINE, pharmacodynamics/ SEROTONIN, analysis/ SPECIES SPECIFICITY/ SPECTROMETRY, FLUORESCENCE/ SQUID/ TRANYLCYPROMINE, pharmacodynamics

2166. Just H: Akute und chronische Herzinsuffizienz in der Intensivmedizin. 2. Therapie. Med Klin 69:546-50, 29 Mar 74 (13 ref.) (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ AMINOPHYLLINE, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BLOODLETTING/ DIET THERAPY/ DIGITALIS GLYCOSIDES, therapeutic use/ DIURETICS, therapeutic use/ *HEART FAILURE, CONGESTIVE, therapy/ HEMODIALYSIS/ HUMAN/ HYPERTENSION, therapy/ *INTENSIVE CARE UNITS/ PACEMAKER, ARTIFICIAL/ PLEURAL EFFUSION, therapy/ POSTURE/ PUNCTURES/ RESPIRATION, ARTIFICIAL/ REVIEW

2167. Jutisz M, Tertrin-Clary C: Luteinizing hormone and human chorionic gonadotropin: structure and activity. Curr Top Exp Endocrinol 2:195-246, 1974
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIGENS/ BIOLOGICAL ASSAY/ CARBOHYDRATES, analysis/ CATTLE/ CHEMISTRY/ *GONADOTROPINS, CHORIONIC, analysis/ GONADOTROPINS, CHORIONIC, isolation & purification/ GONADOTROPINS, CHORIONIC, physiology/ HUMAN/ *LH, analysis/ LH, isolation & purification/ LH, physiology/ OPTICAL ROTATORY DISPERSION/ OVARY, metabolism/ PROTEIN CONFORMATION/ RADIOIMMUNOASSAY/ RECEPTORS, HORMONE/ SHEEP/ STRUCTURE-ACTIVITY RELATIONSHIP/ TESTIS, metabolism

K

2168. Kachi T, Matsushima S, Ito T: Effect of continuous darkness on diurnal rhythm in glycogen content in pineal cells of the mouse: a semiquantitative histochemical study. Anat Rec 179:405-10, Jul 74
ANIMAL EXPERIMENTS/ *CIRCADIAN RHYTHM/ *DARKNESS/ *GLYCOGEN, analysis/ HISTOCYTOCHEMISTRY/ LIGHT/ MALE/ MICE, metabolism/ *PINEAL BODY, metabolism/ PINEAL BODY, physiology

2169. Kaczmarek LK, Adey WR: Some chemical and electrophysiological effects of glutamate in cerebral cortex. J Neurobiol 5:231-41, 1974
*AMINO BUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ CELL MEMBRANE, metabolism/ *CEREBRAL CORTEX, drug effects/ CEREBRAL CORTEX, metabolism/ CONVULSIONS, chemically induced/ CONVULSIONS, metabolism/ CONVULSIONS, pathophysiology/ ELECTROENCEPHALOGRAPHY/ *GLUTAMATES, pharmacodynamics/ *MEMBRANE POTENTIALS, drug effects/ NEURONS, metabolism/ NEURONS, physiology/ *SPREADING CORTICAL DEPRESSION/ TIME FACTORS/ TRITIUM

2170. Kadowitz PJ, Joiner PD, Hyman AL: Influence of prostaglandins E1 and F2a on pulmonary vascular resistance in the sheep. Proc Soc Exp Biol Med 145:1258-61, Apr 74
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ HEART CATHETERIZATION/ INFUSIONS, PARENTERAL/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ *PULMONARY CIRCULATION, drug effects/ SHEEP/ *VASCULAR RESISTANCE, drug effects

2171. Kagan AR, Nussbaum H, Chan P, et al: Thyroid carcinoma: is postoperative external irradiation indicated? Oncology 29:40-5, 1974
COBALT RADIOISOTOPES/ EVALUATION STUDIES/ FEMALE/ HUMAN/ IODINE RADIOISOTOPES/ MALE/ RADIOTHERAPY

DOSAGE/ *THYROID NEOPLASMS, radiotherapy/ THYROID NEOPLASMS, surgery

2172. Kagawa K, Tomizawa S: Proceedings: Studies on metabolism of dextran sulfates. 7. Consideration on the mechanism of increased calcium content in rat liver induced by dextran sulphates. Jap J Pharmacol 24:Suppl:83, 1974
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ *DEXTRAN, pharmacodynamics/ *LIVER, metabolism/ SULFUR RADIOISOTOPES

2173. Kageura E, Toki S: Guinea pig liver 3-hydroxyhexobarbital dehydrogenase as a 17beta-hydroxysteroid dehydrogenase. Biochim Biophys Acta 341:172-7, 21 Mar 74
ANIMAL EXPERIMENTS/ BINDING SITES/ CHLOROMERCURIBENZATES, pharmacodynamics/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ GEL FILTRATION/ GUINEA PIGS/ HEXOBARBITAL/ HEXOBARBITAL, pharmacodynamics/ HYDROXYAPATITE/ HYDROXYSTEROID DEHYDROGENASES, antagonists & inhibitors/ HYDROXYSTEROID DEHYDROGENASES, isolation & purification/ *HYDROXYSTEROID DEHYDROGENASES, metabolism/ KINETICS/ *LIVER, enzymology/ PHOSPHATES, pharmacodynamics/ PROTEIN BINDING/ TESTOSTERONE/ TESTOSTERONE, pharmacodynamics

2174. Kahn A Jr: Editorial: The rhythm theory. J Arkansas Med Soc 71:66-7, Jun 74
BIOLOGICAL CLOCKS/ CIRCADIAN RHYTHM/ HUMAN/ MENSTRUATION/ *PERIODICITY/ PROLACTIN, secretion/ SLEEP/ SOMATOTROPIN, secretion

2175. Kalck G van, Drings P, Fritsch H, et al: Die Kombinationschemotherapie des metastasierenden Mammacarcinoms nach Cooper. Verh Dtsch Ges Inn Med 79:1371-3, 1973 (Ger)
ADULT/ *BREAST NEOPLASMS, drug therapy/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ FLUOROURACIL, therapeutic use/ HUMAN/ MALE/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ NEOPLASM METASTASIS/ PREDNISONE, therapeutic use/ VINCRISTINE, therapeutic use

2176. Kalrento AL, Spring E: Measurement of bone mineral and body composition by the attenuation of three low-energy radiations from 241 Am. Ann Clin Res 6:80-5, Apr 74
ADIPOSE TISSUE/ AMERICIUM/ ANIMAL EXPERIMENTS/ APATITES/ *BODY COMPOSITION/ *BONE AND BONES, analysis/ CALCIUM CARBONATE/ METHODS/ *MINERALS, analysis/ MINK

2177. Kaiser H: Cortison-Myopathie. Verh Dtsch Ges Rheumatol 3:269-71, 1974 (Ger)
*BETAMETHASONE, adverse effects/ *DEXAMETHASONE, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HIP JOINT/ HUMAN/ MALE/ *MUSCULAR ATROPHY, chemically induced/ SHOULDER JOINT/ TIME FACTORS/ *TRIAMCINOLONE, adverse effects

2178. Kaiser H: Polymyalgia rheumatica. Verh Dtsch Ges Rheumatol 3:77-80, 1974 (Ger)
AGE FACTORS/ AUTOIMMUNE DISEASES, complications/ AZATHIOPRINE, therapeutic use/ BIOPSY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INDOMETHACIN, therapeutic use/ MALE/ *NOMENCLATURE/ *POLYMYALGIA RHEUMATICA, diagnosis/ POLYMYALGIA RHEUMATICA, drug therapy/ POLYMYALGIA RHEUMATICA, etiology/ POLYMYALGIA RHEUMATICA, pathology/ PREDNISOLONE, therapeutic use/ TEMPORAL ARTERITIS, complications/ TEMPORAL ARTERITIS, drug therapy/ TEMPORAL ARTERITIS, pathology

2179. Kajanoja P, Widholm O: Efficacy and safety of prostaglandin f-2-alpha as an abortifacient.

AUTHOR SECTION

- Ann Chir Gynaecol Fenn 63:28-34, 1974
 *ABORTION, INDUCED/ AMNION/
 COMPARATIVE STUDY/ DIARRHEA,
 chemically induced/ DRUG EVALUATION/
 ELECTROCARDIOGRAPHY/ FEMALE/
 GESTATIONAL AGE/ HEART RATE, drug
 effects/ HUMAN/ INJECTIONS,
 INTRAVENOUS/ LEUKOCYTES, drug effects/
 MUSCLE CONTRACTION, drug effects/
 PARITY/ PREGNANCY/ PROSTAGLANDINS,
 administration & dosage/ PROSTAGLANDINS,
 adverse effects/ PROSTAGLANDINS,
 pharmacodynamics/ *PROSTAGLANDINS,
 therapeutic use/ STIMULATION, CHEMICAL/
 TIME FACTORS/ UTERINE HEMORRHAGE/
 UTERUS, drug effects/ VOMITING, chemically
 induced
2180. Kajubi SK: Cortisol and growth hormone responses to
 insulin-induced hypoglycaemia in Ugandans.
 East Afr Med J 51:11-4, Jan 74
 FEMALE/ HUMAN/ *HYDROCORTISONE,
 blood/ HYPOGLYCEMIA, blood/
 *HYPOGLYCEMIA, chemically induced/
 *INSULIN, adverse effects/ MALE/
 PITUITARY-ADRENAL FUNCTION TESTS/
 RACIAL STOCKS/ *SOMATOTROPIN, blood/
 UGANDA
2181. Kalachev GA: Krovenosnye i limfaticheskie sosudy
 serdtsa pri metastazirovani v nego
 zlokachestvennykh opukhole561.
 Kardiologiya 15:119-23, 1974 (Rus)
 AUTOPSY/ BILE DUCT NEOPLASMS,
 pathology/ *CORONARY VESSELS, pathology/
 ENGLISH ABSTRACT/ FEMALE/ *HEART
 NEOPLASMS, pathology/ HUMAN/ LUNG
 NEOPLASMS, pathology/ LYMPHATIC
 METASTASIS, pathology/ LYMPHATIC
 SYSTEM, pathology/ *MYOCARDIUM,
 pathology/ NEOPLASM METASTASIS/
 THYROID NEOPLASMS, pathology
2182. Káldor A, Kállay K, Sebestyén K, et al: Effect of
 alpha-methyl dopa and of spironolactone on
 angiotensin responsiveness in man.
 Ther Hung 20:148-9, 1972
 *ANGIOTENSIN, pharmacodynamics/ *BLOOD
 PRESSURE, drug effects/ COMPARATIVE
 STUDY/ HUMAN/ METHYLDOPA, antagonists
 & inhibitors/ *METHYLDOPA,
 pharmacodynamics/ RENIN, blood/
 *SPIRONOLACTONE, pharmacodynamics
2183. Kale VR, Woodward DA: Ischaemic colitis due to
 myxoedema. Br Med J 2:42-3, 6 Jul 74
 COLITIS, etiology/ COLITIS, surgery/ COLON,
 blood supply/ CONSTIPATION, etiology/
 FEMALE/ HUMAN/ ISCHEMIA/ *MYXEDEMA,
 complications/ SEPTICEMIA, etiology/ SHOCK,
 TOXIC, etiology
2184. Kaliciński A, Promievska W, Nowak W, et al: The
 influence of prostaglandin A2 (PGA2) on distribution
 of sodium in the organs of the rat.
 Pol J Pharmacol Pharm 26:257-62, Jan-Apr 74
 ANIMAL EXPERIMENTS/ KIDNEY,
 metabolism/ LIVER, metabolism/ LUNG,
 metabolism/ MUSCLES, metabolism/
 MYOCARDIUM, metabolism/
 *PROSTAGLANDINS, pharmacodynamics/
 RADIOISOTOPES/ *SODIUM, metabolism/
 SODIUM ISOTOPES/ TIME FACTORS
2185. Kaliner M: Symposium on allergic lung disease. IV.
 Immunologic mechanisms for release of chemical
 mediators of anaphylaxis from human lung tissue.
 Can Med Assoc J 110:431 passim, 16 Feb 74 (27 ref.)
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
 physiology/ *ANAPHYLAXIS, immunology/
 ANIMAL EXPERIMENTS/
 ANTIGEN-ANTIBODY REACTIONS/ *ASTHMA,
 immunology/ CHEMOTAXIS/ CHOLERA/
 EOSINOPHILS/ HISTAMINE LIBERATION/
 HUMAN/ IGE/ IN VITRO/ ISOPROTERENOL,
 pharmacodynamics/ LUNG, drug effects/
 *LUNG, immunology/ PEPTIDES, secretion/
 PROSTAGLANDINS, pharmacodynamics/
 REVIEW/ SRS-A, secretion/ STIMULATION,
 CHEMICAL/ TOXINS, pharmacodynamics
2186. Kalir R, David MP, Milbauer B, et al: [Prevention of
 respiratory distress syndrome by antepartum
 corticosteroid treatment]
 Harefuah 86:292-3, 15 Mar 74 (Heb)
 BETAMETHASONE, pharmacodynamics/
 *BETAMETHASONE, therapeutic use/
 ENGLISH ABSTRACT/ FEMALE/
 GESTATIONAL AGE/ HUMAN/ INFANT,
 NEWBORN/ LABOR, PREMATURE, prevention
 & control/ LUNG, drug effects/ *LUNG,
 embryology/ MATERNAL-FETAL EXCHANGE/
 PREGNANCY/ RESPIRATORY DISTRESS
 SYNDROME, drug therapy/ *RESPIRATORY
 DISTRESS SYNDROME, prevention & control
2187. Kallisch WE, Hägele K: Letter: Random deviations or
 asynchronous DNA synthesis?
 Nature 249:862-3, 28 Jun 74
 ANIMAL EXPERIMENTS/
 AUTORADIOGRAPHY/ *DNA, biosynthesis/
 DNA REPLICATION/ DROSOPHILA
 MELANOGASTER/ *SEX CHROMOSOMES,
 metabolism
2188. Kallee E: Therapie thyreotoxischer Krisen.
 Dtach Med Wochenschr 99:1369-71, 21 Jun 74 (Ger)
 ASPIRIN, therapeutic use/ ERGOT
 ALKALOIDS, HYDROGENATED, therapeutic
 use/ FEVER, drug therapy/ *FRUCTOSE,
 therapeutic use/ HUMAN/ IODINE,
 therapeutic use/ MAGNESIUM, therapeutic
 use/ MEPERIDINE, therapeutic use/
 *METHIMAZOLE, therapeutic use/
 PHENOBARBITAL, therapeutic use/
 PNEUMONIA, etiology/ *PREDNISOLONE,
 therapeutic use/ PROMETHAZINE, therapeutic
 use/ THYROID CRISIS, complications/
 THYROID CRISIS, diagnosis/ *THYROID
 CRISIS, drug therapy/ VITAMIN B 12,
 therapeutic use
2189. Kallala K: Estrogenic and anti-estrogenic
 characteristics of common Finnish fodders.
 Nord Vet Med 26:97-107, Feb 74
 ANIMAL EXPERIMENTS/ *ANIMAL FEED,
 analysis/ BIOLOGICAL ASSAY/
 CHROMATOGRAPHY, THIN LAYER/
 DEPRESSION, CHEMICAL/ ESTRADIOL,
 pharmacodynamics/ *ESTROGENS, analysis/
 ESTROGENS, antagonists & inhibitors/
 FEMALE/ FINLAND/ *FLAVONES, analysis/
 FLAVONES, pharmacodynamics/ *GRASSES,
 analysis/ LACTONES, analysis/ METHODS/
 ORGAN WEIGHT/ PLANT EXTRACTS,
 analysis/ PLANT EXTRACTS,
 pharmacodynamics/ SILAGE, analysis/
 STIMULATION, CHEMICAL/ UTERUS,
 anatomy & histology/ UTERUS, drug effects
2190. Kalra P, McCann SM: Involvement of catecholamines in
 feedback mechanisms. Prog Brain Res 39:185-98, 1973
 ANIMAL EXPERIMENTS/
 CATECHOLAMINES, physiology/ ESTRADIOL,
 pharmacodynamics/ FEEDBACK/
 PROGESTERONE, pharmacodynamics/ RATS/
 STIMULATION, CHEMICAL
2191. Kamberi IA: The role of brain monoamines and pineal
 indoles in the secretion of gonadotrophins and
 gonadotrophin-releasing factors.
 Prog Brain Res 39:261-80, 1973
 ANIMAL EXPERIMENTS/ *BIOGENIC
 AMINES, physiology/ ESTRUS/ FSH,
 secretion/ *GONADOTROPINS, secretion/
 HYPOTHALAMUS, metabolism/ *INDOLES,
 pharmacodynamics/ LH, secretion/
 MONOAMINE OXIDASE, metabolism/ *PINEAL
 BODY, physiology/ PITUITARY GLAND,
 secretion/ *PITUITARY HORMONE
 RELEASING HORMONES, secretion/
 PROLACTIN, secretion/ PUBERTY/ RATS
2192. Kamble AB, Mellors A: Increased acridine orange
 uptake and lysosomal enzyme levels in rat liver after
 steroid administration. Steroids 23:517-34, Apr 74
 *ACRIDINES, metabolism/ ANIMAL
 EXPERIMENTS/ BIOLOGICAL TRANSPORT/
 COMPARATIVE STUDY/ *CORTISONE,
 pharmacodynamics/ *ETIOCHOLANOLONE,
 pharmacodynamics/ FEMALE/

AUTHOR SECTION

- GLUCOSAMINIDASE, metabolism/ KINETICS/
LIVER, cytology/ LIVER, drug effects/
LIVER, enzymology/ *LIVER, metabolism/
LYSOSOMES, drug effects/ LYSOSOMES,
enzymology/ *LYSOSOMES, metabolism/
RATS/ SPECTROMETRY, FLUORESCENCE/
STIMULATION, CHEMICAL/
SURFACE-ACTIVE AGENTS,
pharmacodynamics/ TIME FACTORS
2193. Kamboj VP, Singh MM, Kar AB: Effect of some non-steroidal antifertility agents on biochemistry of the uterus and uterine fluid in rats. Indian J Exp Biol 11:479-83, Nov 73
ANIMAL EXPERIMENTS/ *BENZOFURANS, pharmacodynamics/ *BENZOPYRANS, pharmacodynamics/ BODY FLUIDS, analysis/ *BODY FLUIDS, drug effects/
*CONTRACEPTIVES, POSTCOITAL, pharmacodynamics/ FEMALE/ *FURANS, pharmacodynamics/ NAPHTHALENES, pharmacodynamics/ ORGAN WEIGHT/ PHENYL ETHERS, pharmacodynamics/ *PYRROLIDINES, pharmacodynamics/ UTERUS, analysis/ *UTERUS, drug effects
2194. Kameda Y: Light and electron microscopic alterations of the dog para-follicular cells induced by antithyroid drug. Arch Histol Jap 36:205-20, Jan 74
ANIMAL EXPERIMENTS/ DOGS/
ENDOPLASMIC RETICULUM/ FEMALE/
HISTOLOGICAL TECHNIQUES/ MALE/
MICROSCOPY, ELECTRON/ THIOUREA, pharmacodynamics/ *THYROID ANTAGONISTS, pharmacodynamics/ *THYROID GLAND, cytology/ THYROID GLAND, drug effects
2195. Kamino K, Uyesaka N, Inouye A: Calcium-binding of synaptosomes isolated from rat brain cortex. I. Effects of high external potassium ions. J Membr Biol 17:13-26, 1974
ANIMAL EXPERIMENTS/ BINDING SITES/
*CALCIUM, metabolism/ CELL
FRACTIONATION/ CEREBRAL CORTEX, cytology/ CEREBRAL CORTEX, drug effects/
*CEREBRAL CORTEX, metabolism/
CHELATING AGENTS, pharmacodynamics/
COMPARATIVE STUDY/ KINETICS/
MATHEMATICS/ OSMOLAR
CONCENTRATION/ *POTASSIUM, pharmacodynamics/ PROTEIN BINDING/
*RECEPTORS, DRUG, drug effects/ SODIUM CHLORIDE, pharmacodynamics/
SPECTROPHOTOMETRY/ SYNAPTOSOMES, drug effects/ *SYNAPTOSOMES, metabolism/
ULTRACENTRIFUGATION
2196. Kamiya T: [Secretion dynamics of prolactin in livestock] Clin Endocrinol (Tokyo) 22:343-51, Mar 74 (60 ref.) (Jap)
AMINO ACIDS, pharmacodynamics/
ANESTHETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CIRCADIAN RHYTHM/
ESTROGENS, pharmacodynamics/ ESTRUS/
FEMALE/ LABOR/ LACTATION/ OXYTOCIN, pharmacodynamics/ *PROLACTIN, secretion/
REVIEW/ SEASONS/ STARVATION/ STRESS/
THYROID HORMONES/ THYROTROPIN
RELEASING HORMONE, pharmacodynamics/
TRANQUILIZING AGENTS, pharmacodynamics
2197. Kampf D, Baethke R: Zur Therapie der Lupus-Nephritis mit Corticosteroiden und Immunsuppressiva. Dtsch Med Wochenschr 99:1420-3, 28 Jun 74 (65 ref.) (Ger)
*ADRENAL CORTEX HORMONES, therapeutic use/ ANTINUCLEAR FACTORS, analysis/
AZATHIOPRINE, administration & dosage/
AZATHIOPRINE, therapeutic use/ BETA GLOBULIN, analysis/ CHLORAMBUCIL, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, COMBINATION/ GERMANY, WEST/
GLOMERULONEPHRITIS, pathology/ HUMAN/
*IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LUPUS
- ERYTHEMATOSUS, SYSTEMIC, mortality/
LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ METHOTREXATE, therapeutic use/
*NEPHRITIS, drug therapy/ NEPHRITIS, etiology/ RECURRENCE/ REVIEW
2198. Kanabus P, Frindt-Zajackowska A: Niektóre problemy badań nad endogennymi halucynogenami. Psychiatr Pol 8:197-202, Mar-Apr 74 (Pol)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/
CHEMISTRY/ CHRONIC DISEASE/
HALLUCINOGENS, blood/ *HALLUCINOGENS, urine/ HUMAN/ MONOAMINE OXIDASE
INHIBITORS, metabolism/
PHENETHYLAMINES, urine/ RABBITS/
SCHIZOPHRENIA, enzymology/
*SCHIZOPHRENIA, urine/ SEROTONIN, metabolism/ TRYPTAMINES, metabolism/
TRYPTOPHAN, metabolism
2199. Kanagasabapathy AS, Kumar AP, Mathai G, et al: Red cell sodium as an index of thyroid function. Indian J Med Res 61:1672-8, Nov 73
ADOLESCENCE/ ADULT/ BLOOD PROTEINS/
COMPARATIVE STUDY/ *ERYTHROCYTES, analysis/ FEMALE/ HUMAN/
*HYPERTHYROIDISM, diagnosis/
*HYPOTHYROIDISM, diagnosis/ IODINE, blood/ MALE/ MIDDLE AGE/ PROTEIN BINDING/ *SODIUM, blood/ THYROID GLAND FUNCTION TESTS
2200. Kanamori T, Hayakawa T, Nagatsu T: Adenosine 3',5'-monophosphate-dependent protein kinase and amylase secretion from rat parotid gland. Biochem Biophys Res Commun 57:394-8, 25 Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
*AMYLASE, secretion/ ANIMAL
EXPERIMENTS/ COMPARATIVE STUDY/ IN VITRO/ ISOPROTERENOL, pharmacodynamics/
PAROTID GLAND, drug effects/ *PAROTID GLAND, enzymology/ PAROTID GLAND, secretion/ *PROTEIN KINASE, secretion/
RATS/ STRUCTURE-ACTIVITY
RELATIONSHIP/ SULFONYLUREA
COMPOUNDS, pharmacodynamics/ TIME FACTORS/ TOLBUTAMIDE, pharmacodynamics
2201. Kanamori T, Nagatsu T, Matsumoto S: Proceedings: Excretion of cyclic AMP into duct saliva from the salivary gland. Jap J Pharmacol 24:Suppl:49, 1974
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ HUMAN/
*SALIVA, analysis/ *SALIVARY GLANDS, metabolism
2202. Kaneko T, Oka H, Saito S, et al: In vitro effects of synthetic somatotropin-release inhibiting factor on cyclic AMP level and GH release in rat anterior pituitary gland. Endocrinol Jap 20:535-8, Oct 73
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL
EXPERIMENTS/ HYPOTHALAMUS, secretion/
IN VITRO/ *PITUITARY GLAND, metabolism/
PROSTAGLANDINS, pharmacodynamics/
*SOMATOTROPIN, secretion/
*SOMATOTROPIN RELEASING HORMONE, antagonists & inhibitors
2203. Kanematsu S, Scaramuzzi RJ, Hilliard J, et al: Patterns of ovulation-inducing LH release following coitus, electrical stimulation and exogenous LH-RH in the rabbit. Endocrinology 95:247-52, Jul 74
*AMYGDALOID BODY, physiology/ ANIMAL
EXPERIMENTS/ *COITUS/ ELECTRIC
STIMULATION/ ESTRADIOL, pharmacodynamics/ FEMALE/ *LH, blood/
LH-FSH RELEASING HORMONE, administration & dosage/ *LH-FSH
RELEASING HORMONE, pharmacodynamics/
*OVULATION, drug effects/
RADIOIMMUNOASSAY/ TIME FACTORS
2204. Kantor HS, Tao P, Wisdom C: Action of Escherichia coli enterotoxin: adenylate cyclase behavior of intestinal epithelial cells in culture. Infect Immun 9:1003-10, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ADENOSINE TRIPHOSPHATE,

AUTHOR SECTION

- metabolism/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *ENTEROTOXINS, pharmacodynamics/ *EPITHELIAL CELLS, enzymology/ *ESCHERICHIA COLI, immunology/ HUMAN/ ILEUM, immunology/ *INTESTINAL MUCOSA, cytology/ INTESTINAL SECRETIONS, analysis/ PHOSPHORUS RADIOISOTOPES/ RABBITS/ TISSUE CULTURE/ TOXINS/ VIBRIO COMMA, immunology
2205. Kantor HS, Tao P, Kiefer HC: Kinetic evidence for the presence of two prostaglandin receptor sites regulating the activity of intestinal adenylate cyclase sensitive to Escherichia coli enterotoxin. Proc Natl Acad Sci USA 71:1317-21, Apr 74
ADENYL CYCLASE, antagonists & inhibitors/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BINDING SITES, drug effects/ ENTEROTOXINS, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ EPITHELIAL CELLS, enzymology/ ESCHERICHIA COLI/ FATTY ACIDS, UNSATURATED, pharmacodynamics/ IN VITRO/ *INTESTINAL MUCOSA, enzymology/ INTESTINAL MUCOSA, metabolism/ KINETICS/ PROSTAGLANDINS, antagonists & inhibitors/ PROSTAGLANDINS, metabolism/ *PROSTAGLANDINS, pharmacodynamics/ RABBITS/ *RECEPTORS, DRUG, drug effects
2206. Kao FT, Puck TT: Induction and isolation of auxotrophic mutants in mammalian cells. Methods Cell Biol 8:23-39, 1974 (35 ref.)
ANIMAL EXPERIMENTS/ BROMODEOXYURIDINE, metabolism/ *CELL LINE/ CLONE CELLS/ COMPARATIVE STUDY/ CULTURE MEDIA/ ESCHERICHIA COLI/ EVALUATION STUDIES/ GEL FILTRATION/ *GENETICS, BIOCHEMICAL/ GLYCINE, metabolism/ METHANESULFONATES, pharmacodynamics/ METHODS/ *MUTATION/ ORGAN SPECIFICITY/ OVARY, radiation effects/ RADIATION GENETICS/ REVIEW/ SPECIES SPECIFICITY/ ULTRAVIOLET RAYS
2207. Kaplan GB, Levine J: Determination of prednisolone sodium phosphate by ion-pair extraction. J Assoc Off Anal Chem 57:735-7, May 74
AMINES/ CHROMATOGRAPHY/ ESTERS, isolation & purification/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PHOSPHATES, analysis/ *PREDNISOLONE, analysis/ SODIUM, analysis/ SOLVENTS/ SPECTROPHOTOMETRY, ULTRAVIOLET
2208. Kaplan HG, Kany L, Abraham R: Weiterentwicklung der fluorimetrischen Bestimmung von delta-4-3-ketosteroiden mit der Lithiumhydroxid-Reaktion für Analysen im Nanogrammbereich. Clin Chim Acta 51:113-7, 15 Mar 74 (Ger)
COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HYDROCORTISONE, analysis/ *KETOSTEROIDS, analysis/ LITHIUM/ METHODS/ MICROCHEMISTRY/ PROGESTERONE, analysis/ SPECTROMETRY, FLUORESCENCE/ SPECTROMETRY, FLUORESCENCE, instrumentation/ TESTOSTERONE, analysis
2209. Kaplan NN: Adrenal causes of hypertension. Arch Intern Med 133:1001-6, Jun 74 (49 ref.)
ADENOMA, surgery/ *ADRENAL GLAND DISEASES, complications/ ADRENAL GLAND HYPERFUNCTION, diagnosis/ ADRENAL GLAND HYPERFUNCTION, drug therapy/ ADRENAL GLAND NEOPLASMS, surgery/ ADULT/ CARCINOMA, surgery/ CUSHING'S SYNDROME, complications/ CUSHING'S SYNDROME, diagnosis/ CUSHING'S SYNDROME, occurrence/ CUSHING'S SYNDROME, surgery/ HUMAN/ HYDROCORTISONE, therapeutic use/ HYPERALDOSTERONISM, complications/ HYPERALDOSTERONISM, diagnosis/ HYPERALDOSTERONISM, drug therapy/
- HYPERALDOSTERONISM, occurrence/ HYPERALDOSTERONISM, surgery/ HYPERPLASIA, congenital/ *HYPERTENSION, etiology/ HYPOKALEMIA, complications/ PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, diagnosis/ PHEOCHROMOCYTOMA, surgery/ REVIEW/ SPIRONOLACTONE, therapeutic use
2210. Kaplan WD, Holman BL, Selenkow HA, et al: 67Ga-citrate and the nonfunctioning thyroid nodule. J Nucl Med 15:424-7, Jun 74
ADENOCARCINOMA, diagnosis/ ADENOCARCINOMA, PAPILLARY, diagnosis/ ADENOMA, diagnosis/ ADOLESCENCE/ ADULT/ AGED/ CARCINOMA, diagnosis/ CHILD/ CITRATES, diagnostic use/ FEMALE/ *GALLIUM, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ *RADIOISOTOPE SCANNING/ RADIOISOTOPES, diagnostic use/ TECHNETIUM, diagnostic use/ *THYROID NEOPLASMS, diagnosis
2211. Kappagoda CT, Linden RJ, Snow HM, et al: Proceedings: Effect of ablation of the pituitary gland on the diuresis from atrial receptors. J Physiol (Lond) 238:11P-12P, Apr 74
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *DIURESIS/ HEART, innervation/ *HEART, physiology/ HEART ATRIUM, physiology/ HYPOPHYSECTOMY/ *PITUITARY GLAND, physiology/ *PRESSORECEPTORS, physiology/ URINARY CATHETERIZATION
2212. Karamyshev VD: Sudorozhnaia aktivnost' struktur limbicheskoi sistemy pri ezhdnevnoi mnogokratnoi elektricheskoi stimulatsii. Neirofiziologiya 6:26-36, Jan-Feb 74 (Rus)
*AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *CONVULSIONS, physiopathology/ ELECTRIC STIMULATION/ ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ *HIPPOCAMPUS, physiology/ *SEPTUM PELLUCIDUM, physiology
2213. Karaulova LE: Vliianie fizicheskoi nagruzki razlichnoi dlitel'nosti na funktsiiu gipotalamo-gipofizarno-hadpochechnikovoi sistemy u krysa. Fiziol Zh SSSR 59:1322-5, Sep 73 (Rus)
ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ COMPARATIVE STUDY/ CORTICOTROPIN, analysis/ CORTICOTROPIN RELEASING HORMONE, analysis/ ENGLISH ABSTRACT/ *EXERTION/ FATIGUE, physiopathology/ HYPOTHALAMUS, analysis/ *HYPOTHALAMUS, physiology/ MALE/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, physiology/ RATS/ SWIMMING/ TIME FACTORS
2214. Karcz J: Kamica moczowa jako powikłanie urazów kości u dzieci. Pediatr Pol 45:1239-42, Oct 73 (Pol)
AGE FACTORS/ *BONE AND BONES, injuries/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IMMOBILIZATION/ MALE/ POSTURE/ *URINARY CALCULI, etiology/ URINATION DISORDERS, complications/ WOUNDS AND INJURIES, complications
2215. Karczmars AG, Scudder CL, Richardson DL: Interdisciplinary approach to the study of behavior in related mice types. Neurosci Res 5:159-244, 1973 (195 ref.)
ACETYLCHOLINE, metabolism/ ACETYLCHOLINESTERASE, metabolism/ ADAPTATION, PHYSIOLOGICAL/ AGGRESSION/ ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL, drug effects/ BODY WEIGHT/ BRAIN, anatomy & histology/ BRAIN, drug effects/ BRAIN, metabolism/ BRAIN, physiology/ BUTYRATES/ CHOLINE/ CHOLINESTERASE, metabolism/ DOPA, pharmacodynamics/ DOPAMINE, metabolism/ *MICE, physiology/ MICE, INBRED ICR/

AUTHOR SECTION

- MICE, INBRED STRAINS/ NOREPINEPHRINE, metabolism/ ORGAN WEIGHT/ PARGYLINE, pharmacodynamics/ REVIEW/ SEROTONIN, pharmacodynamics/ SPECIES SPECIFICITY
2216. Karitzky D, Jacobi H: IgM-Paraproteinämie bei lymphoblastischem Lymphosarkom im Kindesalter. Dtsch Med Wochenschr 99:954-7, May 74 (Ger)
*BLOOD PROTEIN DISORDERS, complications/ BLOOD PROTEIN DISORDERS, immunology/ BLOOD PROTEIN ELECTROPHORESIS/ ENGLISH ABSTRACT/ GEL FILTRATION/ HUMAN/ *IGM/ IMMUNOELECTROPHORESIS/ *LYMPHOSARCOMA, complications/ LYMPHOSARCOMA, drug therapy/ MALE/ METHOTREXATE, therapeutic use/ PREDNISONE, therapeutic use/ VINCRISTINE, therapeutic use
2217. Kariya K, Saito K, Iwata H: Adrenergic mechanism in Tetrahymena. 3. Cyclic adenosine 3', 5'-monophosphate and cell proliferation. Jap J Pharmacol 24:129-34, Feb 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ CARBON RADIOISOTOPES/ *CELL DIVISION, drug effects/ CHROMATOGRAPHY, THIN LAYER/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DNA, biosynthesis/ LEUCINE, metabolism/ PROTEINS, biosynthesis/ RNA, biosynthesis/ *TETRAHYMENA, metabolism/ THYMIDINE, metabolism/ URACIL, metabolism/ XANTHINES, pharmacodynamics
2218. Karlberg BE, Henriksson KG, Andersson RG: Cyclic adenosine 3',5'-monophosphate concentration in plasma, adipose tissue and skeletal muscle in normal subjects and in patients with hyper- and hypothyroidism. J Clin Endocrinol Metab 39:96-101, Jul 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADIPOSE TISSUE, metabolism/ COMPARATIVE STUDY/ HUMAN/ *HYPERTHYROIDISM, metabolism/ *HYPOTHYROIDISM, metabolism/ *MUSCLES, metabolism/ PROPRANOLOL, pharmacodynamics
2219. Kasaoka LD: The male genital system in two species of mysid crustacea. J Morphol 143:259-83, Jul 74
ANIMAL EXPERIMENTS/ *CRUSTACEA, anatomy & histology/ GENITALIA, MALE, anatomy & histology/ GENITALIA, MALE, cytology/ MALE/ MICROSCOPY, ELECTRON/ SEMINAL VESICLES, cytology/ SPERMATOGONIA, cytology/ TESTIS, cytology/ VAS DEFERENS, cytology
2220. Kass L: Metachromatic staining of basic nucleoproteins in chronic erythremic myelosis. Am J Clin Pathol 62:21-6, Jul 74
ANEMIA, HEMOLYTIC, AUTOIMMUNE, pathology/ ANEMIA, PERNICIOUS, pathology/ ARGinine/ *BONE MARROW CELLS/ CELL NUCLEUS/ CHROMATOGRAPHY, PAPER/ CHRONIC DISEASE/ ERYTHREMIC MYELOSIS, diagnosis/ *ERYTHREMIC MYELOSIS, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ *NUCLEOPROTEINS/ OSTEOPOROSIS, pathology/ *STAINS AND STAINING/ THALASSEMIA, pathology
2221. Kastin AJ, Hawley WD, Miller MC, et al: Plasma MSH and cortisol levels in 567 patients with special reference to brain trauma. Endocrinol Exp (Bratisl) 8:97-105, Jun 74
ADRENAL GLANDS, secretion/ BIOLOGICAL ASSAY/ *BRAIN INJURIES, ACUTE, blood/ BRAIN INJURIES, ACUTE, physiopathology/ CORTICOTROPIN, secretion/ HUMAN/ *HYDROCORTISONE, blood/ *MSH, blood/ MSH, secretion
2222. Kastin AJ, Miller LH, Nockton R, et al: Behavioral aspects of melanocyte-stimulating hormone (MSH). Prog Brain Res 39:461-70, 1973 (38 ref.)
ANIMAL EXPERIMENTS/ ATTENTION, drug effects/ AVOIDANCE LEARNING, drug effects/ *BEHAVIOR, ANIMAL/ BRAIN, drug effects/ CORTICOTROPIN, pharmacodynamics/ ELECTROSHOCK/ EXTINCTION (PSYCHOLOGY), drug effects/ HUMAN/ HYPOPHYSECTOMY/ HYPOTHALAMUS/ MSH, blood/ *MSH, physiology/ PEPTIDES, pharmacodynamics/ PITUITARY GLAND, physiology/ RATS/ REFLEX, drug effects/ REVIEW/ TISSUE EXTRACTS, pharmacodynamics
2223. Kataria YP: Case report No. 16942. Clin Notes Respir Dis 13:15-6, Summer 74
AUTOPSY/ *CARCINOMA, OAT CELL, diagnosis/ CASE REPORT/ HEART NEOPLASMS, diagnosis/ HUMAN/ *LUNG NEOPLASMS, diagnosis/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS
2224. Kato Y, Daigo K, Chihara K: [Determination of prolactin] Clin Endocrinol (Tokyo) 22:333-41, Mar 74 (25 ref.) (Jap)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHLORPROMAZINE, pharmacodynamics/ CROP, AVIAN/ DOPA, pharmacodynamics/ HUMAN/ MAMMAE/ *PROLACTIN, blood/ RADIOIMMUNOASSAY/ REVIEW/ SHEEP/ THYROTROPIN RELEASING HORMONE, pharmacodynamics/ TISSUE CULTURE
2225. Katomski PA, Ferrante FL: Catecholamine content and histology of the adrenal glands of the nutria (Myocastor coypus). Comp Biochem Physiol [A] 48:539-46, 1 Jul 74
ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, cytology/ ADRENAL GLANDS, growth & development/ *ADRENAL GLANDS, metabolism/ AGING/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ COMPARATIVE STUDY/ *EPINEPHRINE, metabolism/ HISTOCYTOCHEMISTRY/ *NOREPINEPHRINE, metabolism/ ORGAN WEIGHT/ *RODENTS, metabolism/ SPECIES SPECIFICITY/ SPECTROMETRY, FLUORESCENCE
2226. Katsh S, Leaver FW, Reynolds JS, et al: A simple, rapid fluorometric assay for antigens. J Immunol Methods 5:179-87, Jul 74
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, analysis/ CHROMATOGRAPHY/ *FLUOROMETRY/ GUINEA PIGS, immunology/ IMMUNE SERUMS/ MALE/ METHODS/ ORGAN WEIGHT/ TESTIS, immunology
2227. Katsman RF, Koroleva SA, Kachanova EM, et al: Neirogormony vegetativnoi nervnoi sistemy pri infarkte miokarda. Kardiologiya 15:44-51, 1974 (Rus)
*ACETYLCHOLINE, blood/ ADRENAL GLANDS, physiopathology/ *EPINEPHRINE, blood/ FEMALE/ HUMAN/ MALE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, physiopathology/ *NOREPINEPHRINE, blood/ *SYMPATHETIC NERVOUS SYSTEM, physiopathology
2228. Katz J, Wals PA, Rognstad R: ATP balance and the effect of 2,4-dinitrophenol on fatty acid synthesis. Biochim Biophys Acta 337:313-7, 28 Mar 74
*ADENOSINE TRIPHOSPHATE, metabolism/ ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CATTLE/ CLOSTRIDIOPeptidase A/ COMPARATIVE STUDY/ *DINITROPHENOLS, pharmacodynamics/ EPIDIDYMIS/ *FATTY ACIDS, biosynthesis/ FEMALE/ *GLUCOSE, metabolism/ LACTATES, metabolism/ LACTATION, drug effects/ MALE/ MAMMAE, drug effects/ MAMMAE, metabolism/ OXIDATIVE PHOSPHORYLATION, drug

AUTHOR SECTION

- effects/ PREGNANCY/ RATS/ SERUM
ALBUMIN, BOVINE, pharmacodynamics
2229. Katz JL, Mow VC: Mechanical and structural criteria for orthopaedic implants.
Biomater Med Devices Artif Organs 1:575-634, 1973 (241 ref.)
ARTHROPLASTY, instrumentation/
*BIOCOMPATIBLE MATERIALS/
BIOMECHANICS/ BONE AND BONES,
surgery/ CALCIFICATION, PHYSIOLOGIC/
CARTILAGE, ARTICULAR, physiology/
CARTILAGE, ARTICULAR, surgery/
CERAMICS/ CHROMIUM-COBALT ALLOYS/
ELASTICITY/ HARDNESS/ HAVERSIAN
SYSTEM, surgery/ HUMAN/ JOINT
PROSTHESIS/ LUBRICATION/ ORTHOPEDIC
FIXATION DEVICES/ *ORTHOPEDICS/
POLYMERS/ *PROSTHESIS, standards/
REGENERATION/ REVIEW/ STRESS,
MECHANICAL/ VISCOSITY
2230. Katzenellenbogen BS, Williams LB: Uterine estrogen-induced protein: physical and immunological comparison with ovalbumin.
Proc Natl Acad Sci USA 71:1281-5, Apr 74
ANIMAL EXPERIMENTS/ ANTIGENIC
DETERMINANTS/ CARBON RADIOISOTOPES/
COMPARATIVE STUDY/ CROSS REACTIONS/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ ESTRADIOL, pharmacodynamics/
FEMALE/ GEL FILTRATION/
HYDROGEN-ION CONCENTRATION/ IN
VITRO/ ISOELECTRIC FOCUSING/
MOLECULAR WEIGHT/ *OVALBUMIN,
analysis/ PRECIPITIN TESTS/ *PROTEINS,
analysis/ PROTEINS, biosynthesis/ RATS/
SODIUM DODECYL SULFATE/
STIMULATION, CHEMICAL/ TRITIUM/
*UTERUS, analysis/ UTERUS, drug effects/
UTERUS, metabolism
2231. Katzung BG, Teitelbaum P: Ionic effects of glycerol removal in cardiac muscle.
J Mol Cell Cardiol 6:179-85, Apr 74
ACTION POTENTIALS, drug effects/ ANIMAL
EXPERIMENTS/ CALCIUM, metabolism/
CARBON RADIOISOTOPES/ DEPRESSION,
CHEMICAL/ EPINEPHRINE,
pharmacodynamics/ EXTRACELLULAR SPACE,
analysis/ *GLYCERIN, pharmacodynamics/
GUINEA PIGS/ *HEART, drug effects/
HEART ATRIUM, drug effects/ HEART
ATRIUM, metabolism/ IN VITRO/ MALE/
MEMBRANE POTENTIALS, drug effects/
POTASSIUM, metabolism/ TIME FACTORS/
WATER, metabolism
2232. Kauffman HM, Swanson MK, McGregor WR, et al: Splenectomy in renal transplantation.
Surg Gynecol Obstet 139:33-40, Jul 74
AZATHIOPRINE, administration & dosage/
CADAVER/ COMPARATIVE STUDY/
FOREIGN BODY REACTION, occurrence/
FOREIGN BODY REACTION, prevention &
control/ *GRAFT REJECTION/ HUMAN/
HYPERSPLENISM, etiology/
IMMUNOSUPPRESSION/ *KIDNEY,
transplantation/ KIDNEY FAILURE, CHRONIC,
complications/ *KIDNEY FAILURE, CHRONIC,
surgery/ LEUKOCYTE COUNT/ LEUKOPENIA,
etiology/ METHYLPREDNISOLONE,
administration & dosage/ PROGNOSIS/
*SPLENECTOMY/ TIME FACTORS/ TISSUE
DONORS/ TRANSPLANTATION,
HOMOLOGOUS
2233. Kaufman: Proceedings: Thyrotoxicosis and pregnancy.
S Afr J Surg 11:292-3, Dec 73
ADULT/ *CARBIMAZOLE, therapeutic use/
CASE REPORT/ FEMALE/ HUMAN/
*HYPERTHYROIDISM, drug therapy/
PREGNANCY/ *PREGNANCY
COMPLICATIONS, drug therapy/ *THYROID
HORMONES, therapeutic use
2234. Kaufman JJ, Marks LS, Smith RB: Stenosis of the renal artery and coexistent lesions.
Surg Gynecol Obstet 139:59-64, Jul 74
ANGIOGRAPHY/ *CYSTS, complications/
CYSTS, surgery/ FEMALE/ HUMAN/ KIDNEY,
blood supply/ KIDNEY, radiography/ *KIDNEY
DISEASES, complications/ KIDNEY DISEASES,
surgery/ *KIDNEY NEOPLASMS,
complications/ KIDNEY NEOPLASMS,
radiography/ KIDNEY NEOPLASMS, surgery/
MALE/ NEPHRECTOMY/
*PHEOCHROMOCYTOMA, complications/
PHEOCHROMOCYTOMA, radiography/
PHEOCHROMOCYTOMA, surgery/ *RENAL
ARTERY OBSTRUCTION, complications/
RENAL ARTERY OBSTRUCTION, radiography/
RENAL ARTERY OBSTRUCTION, surgery
2235. Kaufman RS: The use of tissue adhesive (isobutyl cyanoacrylate) and topical steroid (0.1 percent dexamethasone) in experimental tympanoplasty.
Laryngoscope 84:793-804, May 74
ANIMAL EXPERIMENTS/ CATS/
CHEMISTRY/ CYANOACRYLATES, toxicity/
DEXAMETHASONE, administration & dosage/
*DEXAMETHASONE, therapeutic use/
LABYRINTH, drug effects/ MONKEYS/
OTITIS MEDIA, chemically induced/ OTITIS
MEDIA, prevention & control/
*POSTOPERATIVE COMPLICATIONS,
prevention & control/ TEMPORAL BONE,
pathology/ *TISSUE ADHESIVES, toxicity/
*TYMPANOPLASTY
2236. Kaufmann F, Stark J: Semidünnschnitt-zytochemische und immun-autoradiographische Befunde zum Hormonstoffwechsel der reifen menschlichen Plazenta.
Verh Anat Ges 67:245-9, 1972 (Ger)
AUTORADIOGRAPHY/ ENGLISH ABSTRACT/
ESTRIOL, biosynthesis/ ESTROGENS, analysis/
FEMALE/ *GONADOTROPINS, CHORIONIC,
analysis/ HUMAN/ MICROTOMY/ *PLACENTA,
metabolism/ PREGNANCY/ PROGESTERONE,
analysis
2237. Kaufmann P, Thorn W, Jenke B: Die Morphologie der Meerschweinchenplazenta nach Monojodacetat- und Fluorid-Vergiftung.
Arch Gynaecol 216:185-203, 12 Mar 74 (Ger)
ANIMAL EXPERIMENTS/ CARBOHYDRATES,
metabolism/ ENGLISH ABSTRACT/ FEMALE/
*FLUORIDE POISONING, pathology/ GUINEA
PIGS/ HUMAN/ INFARCTION/
*IODOACETATES, poisoning/ KREBS CYCLE/
PLACENTA, blood supply/ *PLACENTA,
pathology/ *PLACENTA DISORDERS,
chemically induced/ PLACENTA DISORDERS,
pathology/ POISONING, pathology/ POLYPS,
complications/ POLYPS, etiology/
PREGNANCY/ PREGNANCY TOXEMIAS,
etiology/ PREGNANCY TOXEMIAS, prevention
& control/ PYRUVATES, therapeutic use/
REGIONAL BLOOD FLOW
2238. Kaupila A: Pelvic pain caused by venous thrombosis.
Ann Chir Gynaecol Fenn 63:43-7, 1974
ABORTION, SEPTIC, complications/ ADULT/
BLADDER DISEASES, surgery/ DIATRIZOATE,
diagnostic use/ FEMALE/ HUMAN/ *LABOR
COMPLICATIONS/ METHODS/ *OVARY, blood
supply/ *PELVIS, radiography/
PHLEBOGRAPHY/ *POSTOPERATIVE
COMPLICATIONS/ REGIONAL BLOOD FLOW/
*THROMBOPHLEBITIS, etiology/
THROMBOPHLEBITIS, radiography/ UTERUS,
blood supply/ VEINS
2239. Kavan EM, Julien RM: Central nervous systems' effects of Isoflurane (Forane).
Can Anaesth Soc J 21:390-402, Jul 74
AMYGDALOID BODY, drug effects/
*ANESTHESIA, INHALATION/ ANESTHETICS,
administration & dosage/ *ANESTHETICS,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BRAIN, drug effects/ CARBON DIOXIDE/
CAUDATE NUCLEUS, drug effects/
CEREBRAL CORTEX, drug effects/
ELECTROENCEPHALOGRAPHY/ ETHERS,
administration & dosage/ *ETHERS,
pharmacodynamics/ EVOKED POTENTIALS,
drug effects/ FRONTAL LOBE, drug effects/
HYDROCARBONS, FLUORINATED,
administration & dosage/ HYDROCARBONS,

AUTHOR SECTION

- FLUORINATED, pharmacodynamics/ MOTOR CORTEX, drug effects/ MOTOR CORTEX, physiopathology/ RETICULAR FORMATION, drug effects/ RETICULAR FORMATION, physiopathology/ SOMATOSENSORY CORTEX, drug effects/ SOMATOSENSORY CORTEX, physiopathology/ SPIROMETRY/ THALAMIC NUCLEI, drug effects/ THALAMUS, drug effects
2240. Kavrykova K, Lalova M: Otrazhenie razlichnykh uslovii i rezhima truda na ovarial'noi funktsii u zhenshchin. *Gig Tr Prof Zabol* 18:40-1, Jan 74 (Rus)
AGE FACTORS/ FEMALE/ HOMEOSTASIS/ HUMAN/ *INDUSTRIAL MEDICINE/ MENSTRUATION DISORDERS, etiology/ *OVARY, physiology/ OVARY, physiopathology/ WORK
2241. Kawagoe S, Higuchi A, Nunokawa O, et al: [Dynamics of 3 estrogen fraction values in blood of nonpregnant and pregnant women through radioimmunoassay] *Clin Endocrinol (Tokyo)* 22:397-402, Mar 74 (Jap)
*ESTROGENS, blood/ FEMALE/ HUMAN/ RADIOIMMUNOASSAY/ TRITIUM
2242. Kawakami M, Kimura F, Higuchi T: Effects of electrical stimulation of the brain on gonadotropin secretion in male rats. *Endocrinol Jap* 20:447-54, Oct 73
AGE FACTORS/ AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *BRAIN, physiology/ ELECTRIC STIMULATION/ ELECTRODES, IMPLANTED/ FEMALE/ FSH, analysis/ FSH, blood/ *GONADOTROPINS, secretion/ HIPPOCAMPUS, physiology/ LH, analysis/ LH, blood/ MALE/ PITUITARY GLAND, analysis/ PROLACTIN, analysis/ PROLACTIN, blood/ RADIOIMMUNOASSAY
2243. Kawakami M, Terasawa E, Kimura F, et al: Changes in multiunit electrical activity (MUA) in rat brain during the estrous cycle and after administration of sex steroids. *Prog Brain Res* 39:125-34, 1973
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, physiology/ ELECTROPHYSIOLOGY/ *ESTRUS/ FEMALE/ RATS/ *SEX HORMONES, pharmacodynamics/ TIME FACTORS
2244. Kawamura M, Matsuba M: Proceedings: Study on the corticoidogenesis regulation in the isolated mitochondria inner membrane. *Jap J Pharmacol* 24:Suppl:125, 1974
*ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ELECTRON TRANSPORT/ IN VITRO/ *MITOCHONDRIA, metabolism
2245. Kawashima Y: [Chorionic diseases] *Clin Endocrinol (Tokyo)* 22:130-4, Jan 74 (Jap)
*CHORIOCARCINOMA, therapy/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, therapy/ *UTERINE NEOPLASMS, therapy
2246. Kay CR: Letter: Post-pill fertility. *Lancet* 1:1238, 15 Jun 74
*CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ *FERTILITY, drug effects/ FOLLOW-UP STUDIES/ HUMAN/ TIME FACTORS
2247. Kay ML, Yanoff M, Katowitz JA: Development of sympathetic uveitis in spite of corticosteroid therapy. *Am J Ophthalmol* 78:90-4, Jul 74
AMPICILLIN, therapeutic use/ CHOROID, pathology/ *EYE INJURIES, complications/ EYE INJURIES, pathology/ EYE INJURIES, surgery/ HUMAN/ ISONIAZID, therapeutic use/ MALE/ *OPHTHALMIA, SYMPATHETIC, drug therapy/ OPHTHALMIA, SYMPATHETIC, etiology/ *PREDNISONE, therapeutic use/ RETINA, pathology/ UVEA, pathology/ *UVEITIS, drug therapy/ UVEITIS, etiology/ UVEITIS, pathology
2248. Kayanja FI, Gombe S: Relation between fine structure and function of the corpus luteum of wild ruminants. *Zentralbl Veterinaarmed [C]* 3:45-56, Mar 74
ANIMAL EXPERIMENTS/ *ARTIODACTYLA, anatomy & histology/ *CORPUS LUTEUM, cytology/ FEMALE/ MICROSCOPY, ELECTRON/ SPECIES SPECIFICITY
2249. Kaye AM, Sömjen D, King RJ, et al: Sequential gene expression in response to estradiol-17 beta during post-natal development of rat uterus. *Adv Exp Med Biol* 44:383-402, Jun 74
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CELL DIVISION, drug effects/ CELL NUCLEUS/ CENTRIFUGATION, ZONAL/ CHROMOSOMES/ DNA, biosynthesis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *PHENOTYPE/ PROTEINS, biosynthesis/ RECEPTORS, HORMONE/ RNA, biosynthesis/ STIMULATION, CHEMICAL/ THYMIDINE, metabolism/ TRITIUM/ *UTERUS, growth & development/ UTERUS, physiology
2250. Kazama N, Longcope C: In vivo studies on the metabolism of estrone and estradiol-17beta by the brain. *Steroids* 23:469-81, Apr 74
ANIMAL EXPERIMENTS/ BLOOD-BRAIN BARRIER/ *BRAIN, metabolism/ CAROTID ARTERIES/ ESTRADIOL, blood/ *ESTRADIOL, metabolism/ ESTRONE, blood/ *ESTRONE, metabolism/ FEMALE/ INJECTIONS, INTRAVENOUS/ JUGULAR VEIN/ SHEEP/ TIME FACTORS/ TRITIUM
2251. Kaz'min SD: O mekhanizme avtoregulyatsii énergeticheskogo obmena v kletkakh nekotorykh astsitnykh opukholef. *Blokhimiia* 38:664-9, Jul-Aug 73 (Rus)
ANIMAL EXPERIMENTS/ CARCINOMA, EHRLICH TUMOR, metabolism/ CYTOLOGICAL TECHNIQUES/ DEPRESSION, CHEMICAL/ *ENERGY METABOLISM, drug effects/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSE, pharmacodynamics/ GLUTAMATES, pharmacodynamics/ GLYCOLYSIS/ *HOMEOSTASIS, drug effects/ HUMAN/ KREBS CYCLE, drug effects/ LYMPHOMA, metabolism/ MANOMETRY/ MELANOMA, metabolism/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, EXPERIMENTAL, metabolism/ OVARIAN NEOPLASMS, metabolism/ OXALOACETATES, pharmacodynamics/ OXYGEN CONSUMPTION, drug effects/ POLAROGRAPHY/ STIMULATION, CHEMICAL
2252. Kanner E: Echoencephalographie mit simultaner A- und B-Bilddarstellung. *Acta Radiol [Diagn] (Stockh)* 13:715-27, 1972 (Ger)
AGE FACTORS/ ASTROCYTOMA, diagnosis/ *BRAIN ABSCESS, diagnosis/ BRAIN DISEASES, diagnosis/ *BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, surgery/ CEREBROSPINAL FLUID SHUNTS/ CYSTS, diagnosis/ DIAGNOSIS, COMPUTER ASSISTED/ *ECHOENCEPHALOGRAPHY, instrumentation/ ENGLISH ABSTRACT/ FEMALE/ GLIOMA, diagnosis/ HUMAN/ *HYDROCEPHALUS, diagnosis/ HYDROCEPHALUS, surgery/ MALE/ METHODS/ PAPILLOMA, diagnosis/ PINEALOMA, diagnosis/ TOMOGRAPHY, instrumentation
2253. Kassar BA: Argentaffin and argyrophil cells in the prostate. *J Pathol* 112:189-93, Mar 74
ADENOCARCINOMA, pathology/ *CHROMAFFIN SYSTEM, cytology/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ *PROSTATE, cytology/ PROSTATIC HYPERTROPHY, pathology/ PROSTATIC NEOPLASMS, pathology/ SILVER/ STAINS AND STAINING
2254. Kecskeméti V, Kelemen K, Knoll J: Microelectrophysiological analysis of the cardiac effect of prostaglandin E2. *Pol J Pharmacol Pharm* 26:171-6, Jan-Apr 74
ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *HEART ATRIUM, drug effects/ HEART VENTRICLE, drug

AUTHOR SECTION

- effects/ *MEMBRANE POTENTIALS, drug effects/ MICROELECTRODES/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics
2255. Keda IuM, Sinitsina AL, Osipova TA, et al: Karakteristika zhiromobilizulushchego peptida, vydelennogo iz pepsinovykh gidrolizatov gormona rasta cheloveka. Blokhimiia 38:659-63, Jul-Aug 73 (Rus)
ADIPOSE TISSUE, drug effects/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, STARCH GEL/ ENGLISH ABSTRACT/ EPIDIDYMI, drug effects/ FREEZE DRYING/ GEL FILTRATION/ HUMAN/ HYDROLYSIS/ IN VITRO/ *LIPID MOBILIZATION, drug effects/ *PEPSIN, analysis/ PEPTIDES, analysis/ *PEPTIDES, isolation & purification/ *SOMATOTROPIN, analysis
2256. Kedar I, Ravid M, Sohar E: PAS-bisulfite stain for diabetic angiopathy. Beltr Pathol 151:322-6, Mar 74
ADRENAL GLANDS, pathology/ COMPARATIVE STUDY/ *DIABETIC ANGIOPATHIES, pathology/ HISTOLOGICAL TECHNIQUES/ HUMAN/ PANCREAS, pathology/ PERIODIC ACIDS/ SCHIFF BASES/ *STAINS AND STAINING/ SULFITES
2257. Keelan MH Jr, Rudders RA: Successful treatment of radiation pericarditis with corticosteroids. Arch Intern Med 134:145-7, Jul 74
FEMALE/ HODGKIN'S DISEASE, pathology/ HODGKIN'S DISEASE, radiotherapy/ HUMAN/ LYMPH NODES, pathology/ *PERICARDITIS, drug therapy/ PERICARDITIS, etiology/ PERICARDITIS, radiography/ *PREDNISONE, therapeutic use/ *RADIOTHERAPY, adverse effects
2258. Kehler M: Osteogenesis imperfecta et tilfaelde diagnosticeret in utero. Ugeskr Laeger 136:1302-3, 10 Jun 74 (Dan)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *OSTEOGENESIS IMPERFECTA, diagnosis/ OSTEOGENESIS IMPERFECTA, familial & genetic/ OSTEOGENESIS IMPERFECTA, radiography/ PRENATAL DIAGNOSIS
2259. Kehlet H, Binder C, Engbaek C: Cortisol binding capacity in plasma during anaesthesia and surgery. Acta Endocrinol (Kbh) 75:119-24, Jan 74
ADULT/ AGED/ *ANESTHESIA, GENERAL/ BINDING, COMPETITIVE/ BINDING SITES/ CENTRIFUGATION/ ELECTROPHORESIS/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ HYDROCORTISONE, metabolism/ MALE/ MIDDLE AGE/ PROTEIN BINDING/ *SERUM ALBUMIN, metabolism/ *SURGERY, OPERATIVE/ TRANSCORTIN, blood/ TRANSCORTIN, metabolism/ TRITIUM/ ULTRAFILTRATION
2260. Kehlet H, Binder C: "Steroidparaply". Ugeskr Laeger 136:993-4, 29 Apr 74 (Dan)
ADRENAL GLAND HYPOFUNCTION, etiology/ *GLUCOCORTICOID, administration & dosage/ GLUCOCORTICOID, therapeutic use/ HUMAN/ *POSTOPERATIVE CARE/ *SHOCK, SURGICAL, drug therapy/ SHOCK, SURGICAL, prevention & control/ STRESS, complications
2261. Kehlet H, Madsen SN, Binder C: Cortisol and cortisone acetate in parenteral glucocorticoid therapy? Acta Med Scand 195:421-3, May 74
ADDISON'S DISEASE, blood/ *ADDISON'S DISEASE, drug therapy/ ADULT/ AGED/ BODY WEIGHT/ *CORTISONE, administration & dosage/ CORTISONE, therapeutic use/ FEMALE/ HUMAN/ *HYDROCORTISONE, administration & dosage/ HYDROCORTISONE, blood/ HYDROCORTISONE, therapeutic use/ INJECTIONS, INTRAMUSCULAR/ MALE/ MIDDLE AGE/ TIME FACTORS
2262. Kehlet H, Nistrup Madsen S, Binder C: Parenteral glukokortikoid-substitutionsterapi--kortisoleller kortisonpraecearat. Ugeskr Laeger 136:965-6, 29 Apr 74 (Dan)
*ADRENAL GLAND HYPOFUNCTION, drug therapy/ COMPARATIVE STUDY/ *CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, therapeutic use/ INJECTIONS, INTRAMUSCULAR/ TIME FACTORS
2263. Kelding NR: Editorial: Phosphatase isoenzymes in human serum. Scand J Clin Lab Invest 33:1-4, Feb 74
*ALKALINE PHOSPHATASE, blood/ BLOOD PROTEIN ELECTROPHORESIS/ BONE DISEASES, enzymology/ FEMALE/ GASTROINTESTINAL DISEASES, enzymology/ HUMAN/ INTESTINES, enzymology/ *ISOENZYMES, blood/ LIVER, enzymology/ LIVER DISEASES, enzymology/ METABOLISM, INBORN ERRORS, enzymology/ PLACENTA, enzymology/ PREGNANCY
2264. Kelemen K, Kecskeméti V, Knoll J: Possible role of prostaglandins in cardiac electrogenesis. Pol J Pharmacol Pharm 26:177-86, Jan-Apr 74
ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CELL MEMBRANE PERMEABILITY, drug effects/ ELECTROPHYSIOLOGY/ EPINEPHRINE, pharmacodynamics/ *HEART, drug effects/ MEMBRANE POTENTIALS, drug effects/ MICROELECTRODES/ MYOCARDIUM, metabolism/ *PROSTAGLANDINS, pharmacodynamics/ RADIOISOTOPES/ SKIN/ SODIUM, metabolism/ SODIUM ISOTOPES/ TISSUE EXTRACTS, pharmacodynamics
2265. Keller AR, Castleman B: Hodgkin's disease of the thymus gland. Cancer 33:1615-23, Jun 74
AGE FACTORS/ FEMALE/ FOLLOW-UP STUDIES/ HODGKIN'S DISEASE, mortality/ *HODGKIN'S DISEASE, pathology/ HODGKIN'S DISEASE, radiography/ HUMAN/ MALE/ MEDIASTINAL NEOPLASMS, pathology/ NEOPLASM RECURRENCE, LOCAL/ PROGNOSIS/ SEX FACTORS/ *THYMUS GLAND, pathology/ THYMUS NEOPLASMS, mortality/ *THYMUS NEOPLASMS, pathology/ THYMUS NEOPLASMS, radiography
2266. Keller H, Hering K: Die Röntgensymptomatik der Candidaösophagitis. Fortschr Geb Roentgenstr Nuklearmed 120:365-7, Mar 74 (Ger)
ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ *ESOPHAGITIS, radiography/ HODGKIN'S DISEASE, drug therapy/ HUMAN/ MALE/ MONILIASIS, drug therapy/ MONILIASIS, etiology/ *MONILIASIS, radiography/ NYSTATIN, therapeutic use
2267. Kelley ST, Oehme FW, Hoffman SB: Evaluation of selected commercial thyroid function tests in dogs. Am J Vet Res 35:733-6, May 74
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *DOGS, physiology/ EVALUATION STUDIES/ FEMALE/ IODINE RADIOISOTOPES/ MALE/ THYROID GLAND FUNCTION TESTS, standards/ *THYROID GLAND FUNCTION TESTS, veterinary/ THYROXINE, blood/ TRIIODOTHYRONINE, blood
2268. Kelley ST, Oehme FW, Brandt GW: Measurement of thyroid gland function during the estrous cycle of nine mares. Am J Vet Res 35:657-60, May 74
ESTRADIOL, blood/ *ESTRUS/ *HORSES, physiology/ IODINE RADIOISOTOPES/ LH, blood/ METHODS/ OVULATION/ PROTEIN BINDING/ *THYROID GLAND, physiology/ THYROID GLAND FUNCTION TESTS/ THYROXINE, blood/ TRIIODOTHYRONINE, blood
2269. Kellner R, Ottó S, Cseh I, et al: Plasmocytoma bór-metastásisokkal. Morphol Igazságügyi Orv Sz 14:131-6, Apr 74 (Hun)
ADRENAL GLANDS, pathology/ AGED/ BONE

AUTHOR SECTION

- MARROW CELLS/ BONE MARROW
EXAMINATION/ CYCLOPHOSPHAMIDE,
therapeutic use/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ IGA, isolation &
purification/ ILEUM, pathology/ *NEOPLASM
METASTASIS, pathology/ PLASMA CELLS/
PLASMACYTOMA, drug therapy/
*PLASMACYTOMA, pathology/ SKIN,
pathology/ *SKIN NEOPLASMS, pathology
2270. Kelly GE, Drummond M, Shell AG: Adjunct
antilymphocyte globulin therapy in canine renal
allograft recipients: importance of preoperative
administration. *J Surg Res* 18:620-3, Jun 74
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ *ANTILYMPHOCYTE SERUM,
administration & dosage/ ANTILYMPHOCYTE
SERUM, isolation & purification/
ANTILYMPHOCYTE SERUM, therapeutic use/
AZATHIOPRINE, administration & dosage/
AZATHIOPRINE, therapeutic use/
CORTISONE, administration & dosage/
CORTISONE, therapeutic use/ ERYTHROCYTE
COUNT/ FEMALE/ GOATS, immunology/
GRAFT REJECTION/ IGG, isolation &
purification/ IMMUNE ADHERENCE
REACTION/ IMMUNOSUPPRESSION/
INJECTIONS, INTRAMUSCULAR/
INJECTIONS, INTRAVENOUS/ INJECTIONS,
SUBCUTANEOUS/ *KIDNEY, transplantation/
LEUKOCYTE COUNT/ MALE/
PREOPERATIVE CARE/ TIME FACTORS/
TRANSPLANTATION, HOMOLOGOUS
2271. Kelly LA, Butcher RW: The effects of epinephrine and
prostaglandin E-1 on cyclic adenosine
3':5'-monophosphate levels in WI-38 fibroblasts.
J Clin Invest 53:3098-102, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
isolation & purification/ *ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE, metabolism/
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
physiology/ CELL LINE/ CORTICOTROPIN,
pharmacodynamics/ CULTURE MEDIA/
DIPLOIDY/ DRUG SYNERGISM/
EPINEPHRINE, antagonists & inhibitors/
*EPINEPHRINE, pharmacodynamics/ FEMALE/
FIBROBLASTS, drug effects/ FIBROBLASTS,
metabolism/ GLUCAGON, pharmacodynamics/
HUMAN/ INSULIN, pharmacodynamics/ LUNG,
embryology/ LUNG, metabolism/
PREGNANCY/ PROPRANOLOL,
pharmacodynamics/ *PROTAGLANDINS,
pharmacodynamics/ THEOPHYLLINE,
pharmacodynamics/ TRITIUM
2272. Kelly WG: On the mechanism of conversion of
circulating delta4-androstene-3, 17-dione to estrone:
stereochemistry of the elimination of hydrogen from
ring A. *Endocrinology* 95:308-10, Jul 74
*ANDROSTENEDIONE, metabolism/ CARBON
RADIOISOTOPES/ *ESTRONE, metabolism/
FEMALE/ HUMAN/ MICROSOMES,
metabolism/ PLACENTA, cytology/
PLACENTA, metabolism/ TRITIUM
2273. Kemper B, Habener JF: Non-rebosomal incorporation
of arginine into a specific protein by a cell-free
extract of parathyroid tissue.
Biochim Biophys Acta 349:235-9, 17 May 74
ANIMAL EXPERIMENTS/ ARGININE,
metabolism/ CARBON RADIOISOTOPES/
CELL-FREE SYSTEM/ CENTRIFUGATION,
DENSITY GRADIENT/ COMPARATIVE
STUDY/ CYTOSOL, metabolism/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ LYSINE, metabolism/ PARATHYROID
GLANDS, cytology/ *PARATHYROID GLANDS,
metabolism/ *PARATHYROID HORMONE,
biosynthesis/ POLYRIBOSOMES, metabolism/
*PROTEINS, biosynthesis/ RIBONUCLEASE/
RIBOSOMES, metabolism/ TRITIUM
2274. Kendrick-Jones J: Role of myosin light chains in
calcium regulation. *Nature* 249:631-4, 14 Jun 74
ADENOSINE TRIPHOSPHATE, metabolism/
ANIMAL EXPERIMENTS/ BENZOATES/
*CALCIUM, metabolism/ CARBON
RADIOISOTOPES/ DISULFIDES/ EDTA/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ IN VITRO/ INDICATORS AND
REAGENTS/ MOLECULAR WEIGHT/
*MOLLUSCA, physiology/ *MUSCLE
CONTRACTION/ MYOSIN, analysis/ *MYOSIN,
metabolism/ NITRO COMPOUNDS/ PEPTIDE
FRAGMENTS, isolation & purification/
*PEPTIDE FRAGMENTS, metabolism
2275. Kennedy JS, Thomson JA: The changes in the thyroid
gland after irradiation with 131I or partial
thyroidectomy for thyrotoxicosis.
J Pathol 112:85-81, Feb 74
ADENOMA, complications/ ANIMAL
EXPERIMENTS/ AUTORADIOGRAPHY/
CARCINOMA, complications/ ESOPHAGEAL
NEOPLASMS, radiotherapy/ FEMALE/
GOITER, radiotherapy/ HUMAN/
HYPERTHYROIDISM, radiotherapy/
*HYPERTHYROIDISM, surgery/
HYPOTHYROIDISM, etiology/ IODINE
ISOTOPES, DIAGNOSTIC/ *IODINE
RADIOISOTOPES, adverse effects/ IODINE
RADIOISOTOPES, therapeutic use/
LARYNGEAL NEOPLASMS, radiotherapy/
MALE/ POSTOPERATIVE COMPLICATIONS/
*RADIATION INJURIES, pathology/
*THYROID GLAND, pathology/ THYROID
GLAND, radiation effects/ THYROID
NEOPLASMS, etiology/ THYROID
NEOPLASMS, radiotherapy/
*THYROIDECTOMY
2276. Kennedy TG: Effect of relaxin on oestrogen-induced
uterine luminal fluid accumulation in the
ovariectomized rat. *J Endocrinol* 61:347-53, Jun 74
ANIMAL EXPERIMENTS/ BODY FLUIDS/
CASTRATION/ CERVIX UTERI, physiology/
DEPRESSION, CHEMICAL/ ESTRADIOL,
antagonists & inhibitors/ FEMALE/
LIGATION/ PROGESTERONE,
pharmacodynamics/ *RELAXIN,
pharmacodynamics/ TIME FACTORS/
*UTERUS, drug effects
2277. Kennedy TG: Vaginal mucification in the
ovariectomized rat in response to
5alpha-pregnane-3,20-dione, testosterone and
5alpha-androstan-17beta-ol-3-one: test for
progestogenic activity.
N Engl J Med 291:293-300, 11 Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/
COMPARATIVE STUDY/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ ESTRADIOL,
pharmacodynamics/ FEMALE/ GELATIN/
INJECTIONS, SUBCUTANEOUS/ *MUCUS,
secretion/ NEURAMINIC ACIDS, analysis/
OVARY, physiology/ *PREGNANEDIONES,
pharmacodynamics/ PROGESTERONE,
pharmacodynamics/ PROPANEDIOLS/ SESAME
OIL/ *STANOLONE, pharmacodynamics/
*TESTOSTERONE, pharmacodynamics/
VAGINA, analysis/ VAGINA, drug effects/
*VAGINA, secretion/ VEHICLES
2278. Kent J: Proceedings: Some histochemical changes in
immature mouse ovaries after gonadotrophin
treatment. *J Endocrinol* 61:xxix-xxii, Apr 74
ALKALINE PHOSPHATASE, analysis/
ANIMAL EXPERIMENTS/ FEMALE/ FSH,
pharmacodynamics/ *GONADOTROPINS,
CHORIONIC, pharmacodynamics/ LH,
pharmacodynamics/ LIPOAMIDE
DEHYDROGENASE, analysis/ MICE/ NADP/
*OVARY, drug effects/ OVARY, enzymology
2279. Kepel E, Rooks WH 2d, Ferraresi RW, et al: Poison
ivy-oak-induced delayed hypersensitivity in the
guinea pig: inhibition with fluocinonide.
J Invest Dermatol 62:595-6, Jun 74
ACETIC ACIDS, administration & dosage/
ACETIC ACIDS, therapeutic use/
ADMINISTRATION, TOPICAL/ ANIMAL
EXPERIMENTS/ ANTIGENS/
ANTI-INFLAMMATORY AGENTS, TOPICAL,
administration & dosage/
*ANTI-INFLAMMATORY AGENTS, TOPICAL,
therapeutic use/ BIOPSY/ DISEASE MODELS,
ANIMAL/ EAR, pathology/ FEMALE/
FLUOCINOLONE ACETONIDE, administration
& dosage/ *FLUOCINOLONE ACETONIDE,

AUTHOR SECTION

- therapeutic use/ FREUND'S ADJUVANT/
GELS, therapeutic use/ ORGAN WEIGHT/
*POISON IVY DERMATITIS, drug therapy/
POISON IVY DERMATITIS, etiology/ POISON
IVY DERMATITIS, pathology
2280. Kerlan JT, Jaffe RB: Plasma testosterone levels during the testicular cycle of the redwinged blackbird (*Agelaius phoeniceus*).
Gen Comp Endocrinol 22:428-32, Apr 74
ANIMAL EXPERIMENTS/ *BIRDS, physiology/
MALE/ ORGAN WEIGHT/ PHOTIC
STIMULATION/ RADIOIMMUNOASSAY/
SEASONS/ *TESTIS, physiology/
*TESTOSTERONE, blood
2281. Kerr JM, Hsu LY, Workman P, et al: Total finger ridge count and 45,X mosaicism (with and without Y chromosome). Clin Genet 5:68-71, Jan 74
*DERMATOGLYPHICS/ FEMALE/ HUMAN/
MALE/ METHODS/ *MOZAICISM/ *SEX
CHROMOSOME ABNORMALITIES
2282. Kessler B, Levinstein R: Adenosine 3',5'-cyclic monophosphate in higher plants: assay, distribution and age-dependency.
Biochim Biophys Acta 343:156-66, 20 Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
analysis/ *ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ AGING/
CATTLE/ CHROMATOGRAPHY, THIN
LAYER/ COMPARATIVE STUDY/
MYOCARDIUM, enzymology/
PHOSPHODIESTERASES/ PLANTS, analysis/
*PLANTS, metabolism/ RADIOLOGIC
ASSAY/ SOLUBILITY/ SPECIES
SPECIFICITY/ TOBACCO, metabolism/
TRITIUM/ TURKEYS/
ULTRACENTRIFUGATION/ WHEAT,
metabolism
2283. Kettle WM, Valtin H: Chemical and dimensional characterization of the renal countercurrent system in mice. Kidney Int 1:135-44, Mar 72
AGE FACTORS/ ANIMAL EXPERIMENTS/
COLORIMETRY/ DIABETES INSIPIDUS,
physiopathology/ DIURESIS/ DRUG
RESISTANCE/ GENOTYPE/ KIDNEY, analysis/
*KIDNEY CONCENTRATING ABILITY/
*KIDNEY DISEASES, physiopathology/
MATHEMATICS/ METHODS/ MICE, INBRED
STRAINS/ OSMOLAR CONCENTRATION/
PHOTOMETRY/ POTASSIUM, analysis/
SODIUM, analysis/ SPECIES SPECIFICITY/
UREA, analysis/ URINE, analysis/
*VASOPRESSIN, pharmacodynamics
2284. Keutmann HT, Barling PM, Hendy GN, et al: Isolation of human parathyroid hormone.
Biochemistry 13:1646-52, 9 Apr 74
ACETONE/ ADENYL CYCLASE, metabolism/
AMINO ACID SEQUENCE/ AMINO ACIDS,
analysis/ BIOLOGICAL ASSAY/ CATTLE/
CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, ION EXCHANGE/ GEL
FILTRATION/ GUINEA PIGS, immunology/
HUMAN/ IODINE RADIOISOTOPES/ KIDNEY
CORTEX, enzymology/ PARATHYROID
HORMONE, analysis/ *PARATHYROID
HORMONE, isolation & purification/
PARATHYROID HORMONE,
pharmacodynamics/ PHENOLS/ PHOSPHORUS
RADIOISOTOPES/ RADIOIMMUNOASSAY/
RATS/ SPECIES SPECIFICITY/ SWINE/
THIOCYANATES/ TRICHLOROACETIC ACID/
TRITIUM
2285. Kewitz H: Arzneimittel als Krankheitsursache. Verh Dtsch Ges Inn Med 79:54-63, 1973 (Ger)
ADULT/ AGED/ CONTRACEPTIVES, ORAL,
adverse effects/ *DRUG THERAPY, adverse
effects/ FEMALE/ HUMAN/ MYOCARDIAL
INFARCT, chemically induced/ PREGNANCY/
PULMONARY EMBOLISM, chemically induced/
STREPTOMYCIN, adverse effects/
TOLBUTAMIDE, adverse effects
2286. Khammer KH: Opređenje polovof prinaldezhnosti volos.
- Sud Med Ekspert 17:36-8, Apr-Jun 74 (Rus)
COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ FEMALE/ FORENSIC MEDICINE/
*HAIR, cytology/ HUMAN/ MALE/ METHODS/
*SEX DETERMINATION
2287. Kharchenko NK, Kudinov SA, Poliakova NM: Nukleotidhidrolizulucha aktivnost' synaptychnykh pukhyrtsev ta vplyv na ATF-azu sul'fidryl'nykh reagentiv.
Ukr Biokhim Zh 45:581-6, Sep-Oct 73 (Ukr)
ADENOSINE TRIPHOSPHATASE, antagonists
& inhibitors/ *ADENOSINE
TRIPHOSPHATASE, metabolism/ ADENOSINE
TRIPHOSPHATE, metabolism/ ANIMAL
EXPERIMENTS/ CALCIUM, metabolism/
CATIONS, DIVALENT/ CATTLE/ ENGLISH
ABSTRACT/ ENZYME REPRESSION, drug
effects/ HYDROLYSIS/ KINETICS/
MAGNESIUM, metabolism/ MANGANESE,
metabolism/ *NUCLEOTIDES, metabolism/
*SULFHYDRYL REAGENTS,
pharmacodynamics/ *SYNAPTIC VESICLES,
metabolism
2288. Khayyal MT, Tolba HM, el-Hawary MB, et al: A sensitive method for the bioassay of acetylcholine. Eur J Pharmacol 25:287-90, Mar 74
*ACETYLCHOLINE, analysis/
ACETYLCHOLINE, pharmacodynamics/
ANGIOTENSIN, pharmacodynamics/ ANIMAL
EXPERIMENTS/ *BIOLOGICAL ASSAY/
CREATININE, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
FEMALE/ HISTAMINE, pharmacodynamics/ IN
VITRO/ MALE/ METHODS/
NOREPINEPHRINE, pharmacodynamics/
PHYSOSTIGMINE, pharmacodynamics/
RABBITS/ SEROTONIN, pharmacodynamics/
SEROUS MEMBRANE, drug effects/
STOMACH, drug effects/ *STOMACH, drug
effects
2289. Khitrov NK, Demurov EA: K metodike ostrykh éksperimentov na krol'kakh.
Patol Fiziol Eksp Ter 10:76-8, May 74 (Rus)
ACETYLCHOLINE, analysis/ ADRENAL
GLANDS, physiopathology/ ANIMAL
EXPERIMENTS/ *ANIMALS, LABORATORY,
physiology/ CATECHOLAMINES, analysis/
CHOLINESTERASE, analysis/ ENGLISH
ABSTRACT/ IMMOBILIZATION/ MALE/
METHODS/ PARASYMPATHETIC NERVOUS
SYSTEM, physiopathology/ *STRESS,
physiopathology/ SYMPATHETIC NERVOUS
SYSTEM, physiopathology/ TIME FACTORS
2290. Khitrov NK, Demurov EA, Abinder AA, et al: Osobennosti vegetativnoi regulatsii serdtsa krol'kov posle odnostonnei vagotomii.
Fiziol Zh SSSR 59:1225-30, Aug 73 (Rus)
ACETYLCHOLINE, analysis/
ACETYLCHOLINE, pharmacodynamics/
ADRENAL GLANDS, analysis/ ADRENAL
GLANDS, physiopathology/ ANIMAL
EXPERIMENTS/ BODY TEMPERATURE/
CHOLINESTERASE, analysis/ ENGLISH
ABSTRACT/ EPINEPHRINE, analysis/
EPINEPHRINE, pharmacodynamics/ FREE
RADICALS/ *HEART CONDUCTION SYSTEM,
physiology/ LUNG, pathology/ MALE/
MYOCARDIUM, analysis/ NERVE
DEGENERATION/ NOREPINEPHRINE,
analysis/ PARASYMPATHETIC NERVOUS
SYSTEM, physiopathology/ PROTEIN
BINDING/ RABBITS/ SPECTROMETRY,
FLUORESCENCE/ SYMPATHETIC NERVOUS
SYSTEM, physiopathology/ TIME FACTORS/
VAGOTOMY/ *VAGUS NERVE, physiology
2291. Khomulo FS: Neirogennyi ateroskleroz i mekhanizmy ego razvitiia. Kardiologiya 14:140-7, May 74 (Rus)
ADRENAL GLANDS, physiopathology/
ANIMAL EXPERIMENTS/ ANXIETY,
complications/ AORTA, physiopathology/
*ARTERIOSCLEROSIS, etiology/
CATECHOLAMINES, blood/ CHOLESTEROL,
blood/ CORONARY VESSELS, physiopathology/
GLUCOCORTICOIDS, blood/ HUMAN/
*HYPERLIPEMIA, complications/

AUTHOR SECTION

- HYPERLIPIDEMIA, etiology/ *LIPIDS, metabolism/ LIPOPROTEINS, blood/ STRESS, metabolism/ STRESS, PSYCHOLOGICAL, blood/ *STRESS, PSYCHOLOGICAL, complications/ STRESS, PSYCHOLOGICAL, physiopathology/ THYROID GLAND, physiopathology
2292. Khoo SK, Warner NL, Lie JT, et al: Carcinoembryonic antigenic activity of tissue extracts: a quantitative study of malignant and benign neoplasms, cirrhotic liver, normal adult and fetal organs. *Int J Cancer* 11:681-7, May 73
ADULT/ *ANTIGEN-ANTIBODY REACTIONS/ BREAST NEOPLASMS, immunology/ *CARCINOEMBRYONIC ANTIGEN/ *CARCINOMA, immunology/ COLONIC NEOPLASMS, immunology/ FEMALE/ FETUS/ HUMAN/ KIDNEY NEOPLASMS, immunology/ *LIVER CIRRHOSIS, immunology/ LIVER NEOPLASMS, immunology/ LUNG NEOPLASMS, immunology/ LYMPH NODES, immunology/ MALE/ *NEOPLASMS, immunology/ OVARIAN NEOPLASMS, immunology/ PREGNANCY/ RADIOIMMUNOASSAY/ *SARCOMA, immunology/ SKIN NEOPLASMS, immunology/ SPLENIC NEOPLASMS, immunology/ UTERINE NEOPLASMS, immunology
2293. Khubetsova RD, Karieva EA: Tromboliticheskie svoystva tkanevykh ekstraktov pri tiroksinovoĭ intoksikatsii v eksperimente. *Probl Endokrinol (Mosk)* 20:87-90, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ *HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, chemically induced/ INJECTIONS, INTRAVENOUS/ MALE/ PROTEIN-BOUND IODINE TEST/ RABBITS/ THYROXINE, administration & dosage/ *THYROXINE, poisoning/ TISSUE EXTRACTS, analysis
2294. Kieffer JD, Weintraub BD, Baigelman W, et al: Homologous radioimmunoassay of thyrotrophin in rat plasma. *Acta Endocrinol (Kbh)* 76:495-505, Jul 74
ANIMAL EXPERIMENTS/ ANTIBODIES/ CROSS REACTIONS/ DEPRESSION, CHEMICAL/ FSH, blood/ GAMMA GLOBULIN/ GEL FILTRATION/ GOATS, immunology/ GONADS, physiology/ IODINE RADIOISOTOPES/ LH, blood/ MALE/ METHODS/ PROLACTIN, blood/ RABBITS, immunology/ RADIOIMMUNOASSAY/ STIMULATION, CHEMICAL/ *THYROTROPIN, blood/ *THYROTROPIN RELEASING HORMONE, pharmacodynamics/ *THYROXINE, pharmacodynamics
2295. Kikuchi G, Kim HJ, Watarai K, et al: Comparative study on induction of hepatic delta-aminolevulinic synthetase by different drugs. *Enzyme* 16:258-65, 1973
*ACETAMIDES, pharmacodynamics/ ALLYLISOPROPYLACETAMIDE, pharmacodynamics/ *AMINOLEVULINIC ACID SYNTHETASE, biosynthesis/ ANIMAL EXPERIMENTS/ CELLS, CULTURED/ CHICK EMBRYO/ COMPARATIVE STUDY/ CYCLOHEXIMIDE, pharmacodynamics/ CYTOSOL, enzymology/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DICARBOXYLIC ACIDS, pharmacodynamics/ ENZYME INDUCTION/ HEME, pharmacodynamics/ LIVER, cytology/ LIVER, drug effects/ *LIVER, enzymology/ MITOCHONDRIA, LIVER, drug effects/ MITOCHONDRIA, LIVER, enzymology/ PHENOBARBITAL, pharmacodynamics/ *PYRIDINES, pharmacodynamics/ RATS/ SPECIES SPECIFICITY/ TIME FACTORS
2296. Kilham L, Margolis G: Transmission of rat virus in milk of rats. *J Infect Dis* 129:737-40, Jun 74
ANIMAL EXPERIMENTS/ ANTIBODIES, VIRAL, analysis/ BLOOD, microbiology/ DIATHESIS/ *DISEASE MODELS, ANIMAL/ FEMALE/ HEMAGGLUTINATION INHIBITION TESTS/ LACTATION/ MAMMAE, immunology/ MAMMAE, microbiology/ MILK, immunology/ *MILK, microbiology/ *PARVOVIRUSES, immunology/ *RATS/ RATS, embryology/ SALIVARY GLANDS, immunology/ SALIVARY GLANDS, microbiology/ TISSUE CULTURE/ VERTEBRATE VIRUSES, growth & development/ VIRUS DISEASES, immunology/ VIRUS DISEASES, microbiology/ VIRUS REPLICATION
2297. Kiloh LG, Gye RS, Rushworth RG, et al: Stereotactic amygdalotomy for aggressive behaviour. *J Neurol Neurosurg Psychiatry* 37:437-44, Apr 74
*AGGRESSION/ *AMYGDALOID BODY, surgery/ CONVULSIONS, etiology/ EPILEPSY, GRAND MAL, complications/ EPILEPSY, PETIT MAL, complications/ EPILEPSY, TEMPORAL LOBE, complications/ FEMALE/ FOLLOW-UP STUDIES/ HEMIPLEGIA, etiology/ HUMAN/ MALE/ MENTAL RETARDATION, complications/ MENTAL RETARDATION, surgery/ PERSONALITY DISORDERS, complications/ PERSONALITY DISORDERS, surgery/ *PSYCHOSURGERY/ PSYCHOSURGERY, adverse effects/ SCHIZOPHRENIA, complications/ SCHIZOPHRENIA, surgery/ *SELF MUTILATION, surgery/ *STEREOTAXIC TECHNIQS
2298. Kim BH: Roentgenography of the ear and eye in Pyle disease. *Arch Otolaryngol* 99:458-61, Jun 74
ADOLESCENCE/ ADULT/ AUDIOMETRY/ BONE DISEASES, DEVELOPMENTAL, complications/ *BONE DISEASES, DEVELOPMENTAL, familial & genetic/ BONE DISEASES, DEVELOPMENTAL, radiography/ COCHLEA, abnormalities/ *EAR, radiography/ EAR OSSICLES, abnormalities/ *EYE, radiography/ FACIAL BONES, abnormalities/ FEMALE/ HEARING DISORDERS, etiology/ HUMAN/ MASTOID, abnormalities/ OPTIC ATROPHY, etiology/ RICKETS, VITAMIN D RESISTANT, complications/ SCOTOMA, etiology/ SEMICIRCULAR CANALS, abnormalities/ SKULL, abnormalities/ SYNDROME/ TOMOGRAPHY, RADIOGRAPHIC/ VISION DISORDERS, etiology
2299. Kim HJ, Hsu LY, Hirschhorn K: Letter: Long-arm deletion with features of Turner's syndrome. *Lancet* 1:1296, 22 Jun 74
*CHROMOSOME ABERRATIONS/ FEMALE/ HUMAN/ KARYOTYPING/ *SEX CHROMOSOMES/ *TURNER'S SYNDROME, familial & genetic
2300. Kim MA: Identification and characterization of heterochromatic regions in the human metaphase and interphase nucleus. *Humangenetik* 21:331-40, 28 Mar 74
*CELL NUCLEUS/ *CHROMOSOMES, analysis/ CHROMOSOMES, drug effects/ CHROMOSOMES, HUMAN, 1-3/ CHROMOSOMES, HUMAN, 6-12/ CHROMOSOMES, HUMAN, 16-18/ CHROMOSOMES, HUMAN, 19-20/ DEOXYRIBONUCLEASE, pharmacodynamics/ ENDONUCLEASES, pharmacodynamics/ FEMALE/ *HETEROCHROMATIN, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *MITOSIS/ POLYMORPHISM (GENETICS)/ PRONASE, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ SEX CHROMOSOMES/ TIME FACTORS/ TRYPSIN, pharmacodynamics
2301. Kimachi T, Lomonaco DA, Verásimo JM: Exploração funcional do eixo hipotálamo-adeno-hipofise-córtex adrenal na forma crônica da moléstia de Chagas. *Rev Assoc Med Bras* 20:57-66, Feb 74 (Por)
*ADRENAL GLANDS, physiopathology/ ADULT/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROCORTISONE, secretion/ *HYPOTHALAMO-HYPOPHYSIAL SYSTEM, physiopathology/ MALE/ MIDDLE AGE/ *PITUITARY-ADRENAL SYSTEM/ *TRYPANOSOMIASIS, SOUTH AMERICAN, physiopathology

AUTHOR SECTION

2302. Kimble FA: Uterine prostaglandin binding proteins. Prostaglandins 6:541, 25 Jun 74
ANIMAL EXPERIMENTS/ CHARCOAL/
*CYTOSOL, metabolism/ ESTRUS/
*PROTAGLANDINS, metabolism/ PROTEIN
BINDING/ TRITIUM/ *UTERUS, metabolism
2303. Kimmel GL, Péron FG, Haksar A, et al: Ultrastructure, steroidogenic potential, and energy metabolism of the Snell adrenocortical carcinoma 494. A comparison with normal adrenocortical tissue. J Cell Biol 62:152-63, Jul 74
ADRENAL CORTEX HORMONES, cytology/
ADRENAL CORTEX HORMONES,
drug effects/ *ADRENAL CORTEX
HORMONES, metabolism/ ADRENAL CORTEX
HORMONES, pathology/ *ADRENAL GLAND
NEOPLASMS, metabolism/ ADRENAL GLAND
NEOPLASMS, pathology/ *ADRENAL GLANDS,
metabolism/ ANIMAL EXPERIMENTS/
*CARCINOMA, metabolism/ CARCINOMA,
pathology/ CHROMATOGRAPHY, PAPER/
*CORTICOSTERONE, biosynthesis/
*CORTICOTROPIN, pharmacodynamics/
*DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ GLYCOLYSIS/ LACTATES,
metabolism/ MALE/ MICROSCOPY,
ELECTRON/ *MITOCHONDRIA, metabolism/
NEOPLASMS, EXPERIMENTAL, metabolism/
NEOPLASMS, EXPERIMENTAL, pathology/
OXYGEN CONSUMPTION/ PYRUVATES,
metabolism/ SPECTROMETRY,
FLUORESCENCE/ STEROID HYDROXYLASES,
metabolism/ TIME FACTORS
2304. Kimura H, Thomas E, Murad F: Effects of decapitation, ether and pentobarbital on guanosine 3',5'-phosphate and adenosine 3',5'-phosphate levels in rat tissues. Biochim Biophys Acta 343:519-28, 24 May 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ANIMAL
EXPERIMENTS/ ATROPINE,
pharmacodynamics/ BRAIN, drug effects/
BRAIN, metabolism/ *ETHYL ETHERS,
pharmacodynamics/ *GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ HEART, drug
effects/ IODINE RADIOISOTOPES/ KIDNEY,
drug effects/ KIDNEY, metabolism/ LIVER,
drug effects/ LIVER, metabolism/ LUNG,
drug effects/ LUNG, metabolism/ MALE/
MUSCLES, drug effects/ MUSCLES,
metabolism/ MYOCARDIUM, metabolism/
*PENTOBARBITAL, pharmacodynamics/
*POSTMORTEM CHANGES, metabolism/
RABBITS, immunology/
RADIOIMMUNOASSAY/ TESTIS, drug effects/
TESTIS, metabolism/ TRITIUM
2305. Kimura M, Itokawa Y, Tanaka C: Proceedings: Effects of thiamine phosphate esters on uptake of 14C-5-hydroxytryptamine into rat brain homogenates. Jap J Pharmacol 24:Suppl:108, 1974
ANIMAL EXPERIMENTS/ BRAIN, drug
effects/ *BRAIN, metabolism/ IN VITRO/
ORGANOPHOSPHORUS COMPOUNDS,
pharmacodynamics/ *SEROTONIN, metabolism/
*THIAMINE, pharmacodynamics
2306. Kimura M, Kato R, Nakamura E: Proceedings: Effects of sex hormones on brain monoamine oxidase activity. Jap J Pharmacol 24:Suppl:80, 1974
ANIMAL EXPERIMENTS/ *BRAIN,
enzymology/ FEMALE/ MALE/ *MONOAMINE
OXIDASE, metabolism/ *SEX HORMONES,
pharmacodynamics
2307. King AR, Wied D de: Localized behavioral effects of vasopressin on maintenance of an active avoidance response in rats. J Comp Physiol Psychol 86:1008-18, Jun 74
ANIMAL EXPERIMENTS/ *AVOIDANCE
LEARNING, drug effects/ COMPARATIVE
STUDY/ CONDITIONING, CLASSICAL, drug
effects/ EXTINCTION (PSYCHOLOGY), drug
effects/ INJECTIONS/ MALE/ RATS, INBRED
STRAINS/ TIME FACTORS/ VASOPRESSIN,
administration & dosage/ *VASOPRESSIN,
pharmacodynamics
2308. King JO: Clinical abnormalities of the mammary
quarters of cows caused by mastitis and their effects
on milk composition. Br Vet J 130:169-74, Mar-Apr 74
ANIMAL EXPERIMENTS/ ATROPHY/
FEMALE/ LACTATION/ LIPIDS, analysis/
*MASTITIS, BOVINE, pathology/ *MILK,
analysis/ PALPATION, veterinary/ PHYSICAL
EXAMINATION, veterinary/ *UDDER,
pathology
2309. King MG, Cairncross KD: Effects of olfactory bulb section on brain noradrenaline, corticosterone and conditioning in the rat. Pharmacol Biochem Behav 2:347-53, May 74
ANIMAL EXPERIMENTS/ AVOIDANCE
LEARNING/ BEHAVIOR, ANIMAL/ *BRAIN,
metabolism/ COMPARATIVE STUDY/
*CONDITIONING, CLASSICAL/
CORTICOSTERONE, blood/
*CORTICOSTERONE, metabolism/
*EPINEPHRINE, metabolism/ FEEDING
BEHAVIOR/ HYPOTHALAMUS, metabolism/
MALE/ *OLFACTORY BULB, physiology/
OLFACTORY BULB, surgery/
TELENCEPHALON, metabolism/ TIME
FACTORS
2310. King RC: Symposium on reproduction of arthropods of medical and veterinary importance. I. Insect gametogenesis. J Med Entomol 11:1-7, 28 Mar 74 (28 ref.)
ANIMAL EXPERIMENTS/ CELL DIVISION/
CHROMOSOMES/ CYTOPLASM/ DNA
REPLICATION/ DROSOPHILA
MELANOGASTER, cytology/ DROSOPHILA
MELANOGASTER, physiology/
EXTRACHROMOSOMAL INHERITANCE/
FEMALE/ FERTILIZATION/ GENES,
RECESSIVE/ GENOTYPE/ INSECTS, cytology/
*INSECTS, physiology/ INTERCELLULAR
JUNCTIONS/ MALE/ MEIOSIS/ MITOSIS/
MUTATION/ OVARY, cytology/ OVUM,
cytology/ *REPRODUCTION/ REVIEW/ RNA,
RIBOSOMAL, biosynthesis/ TRANSCRIPTION,
GENETIC
2311. King RJ, Thompson J: Effects of oestradiol on different cell types. Adv Exp Med Biol 44:367-81, Jun 74
ANIMAL EXPERIMENTS/ BINDING SITES/
BIOLOGICAL TRANSPORT/ CELL NUCLEUS/
CHICKENS/ CHROMATIN/ DNA, biosynthesis/
*ESTRADIOL, pharmacodynamics/ FALLOPIAN
TUBES, drug effects/ FEMALE/ HISTONES/
HYPOTHALAMUS, drug effects/ KIDNEY,
drug effects/ LIVER, drug effects/ OVARY,
drug effects/ OVIDUCTS, drug effects/
RECEPTORS, HORMONE/ UTERUS, drug
effects
2312. Kiprian TK: Izmeneniia elektricheskoi aktivnosti neironov spinnogo mozga koshki pod deistviem gidrokortizona. Neurofiziolgiia 6:260-5, May 74 (Rus)
ANIMAL EXPERIMENTS/ ELECTRIC
STIMULATION/ ELECTROPHYSIOLOGY/
*HYDROCORTISONE, pharmacodynamics/
INTERNEURONS, drug effects/ LUMBAR
VERTEBRAE/ MOTOR NEURONS, drug
effects/ NEURONS, AFFERENT/
PERIODICITY/ SACRUM/ *SPINAL CORD,
drug effects/ SPINAL NERVE ROOTS, drug
effects/ STIMULATION, CHEMICAL
2313. Kircher W: Vitamin-D-Stoffwechsel und Rachitisprophylaxe. Wien Med Wochenschr 124:414-7, 22 Jun 74 (Ger)
BONE AND BONES, metabolism/
CHOLECALCIFEROL, metabolism/ HUMAN/
KIDNEY, metabolism/ LIVER, metabolism/
RICKETS, complications/ RICKETS,
metabolism/ *RICKETS, prevention & control/
TETANY, etiology/ *VITAMIN D, metabolism
2314. Kirdani RY, Sandberg AA: The fate of estril in dogs. Steroids 23:667-86, May 74
ANIMAL EXPERIMENTS/ *BILE, metabolism/
CARBON RADIOISOTOPES/
CATHETERIZATION/ CHROMATOGRAPHY,
PAPER/ COMPARATIVE STUDY/ *ESTRIOL,
metabolism/ ESTRIOL, urine/
GLUCURONATES, metabolism/ KIDNEY,
metabolism/ LIVER, metabolism/ ORGAN

AUTHOR SECTION

- SPECIFICITY/ SPECIES SPECIFICITY/
SULFATES/ SULFURIC ACIDS, metabolism/
TIME FACTORS/ TRANSFERASES,
metabolism/ TRITIUM
2315. Kirk ME: Gynecology. Hum Pathol 5:253-64, May 74
ABORTION, INDUCED, adverse effects/
*ABORTION, INDUCED, adverse effects/
*ADENOCARCINOMA, pathology/ BLOOD
COAGULATION DISORDERS, chemically
induced/ *CARCINOMA, EPIDERMAL,
pathology/ *CARCINOMA IN SITU, pathology/
*CERVIX NEOPLASMS, pathology/
CURETTAGE/ DILATATION/ EMBRYO,
pathology/ FEMALE/ FETUS, pathology/
GESTATIONAL AGE/ HUMAN/
HYPERNATREMIA, chemically induced/
HYPERTONIC SOLUTIONS/ LYMPHATIC
METASTASIS/ OXYTOCIN, therapeutic use/
PREGNANCY/ PROGNOSIS/
THROMBOPLASTIN, physiology/ UNITED
STATES/ *UTERINE NEOPLASMS, pathology/
VAGINAL SMEARS
2316. Kirov SM, Ada GL: Immunoglobulins on thymus cells:
reaction with anti-light chain antibody and
quantitation by microprecipitin inhibition with cell
extracts. Scand J Immunol 3:85-96, 1974
ANIMAL EXPERIMENTS/ ANTI-ANTIBODIES/
ANTIGEN-ANTIBODY REACTIONS/ ASCITIC
FLUID, immunology/ AUTORADIOGRAPHY/
BONE MARROW CELLS, immunology/
CATTLE/ CELL MEMBRANE, immunology/
CELLS, CULTURED/ COMPLEMENT/
CORTISONE, pharmacodynamics/
CYTOTOXICITY TESTS, IMMUNOLOGIC/
IMMUNE SERUMS/ *IMMUNOGLOBULINS,
analysis/ IODINE RADIOISOTOPES/ LYMPH
NODES, immunology/ MICE/ MICE, INBRED
BALB C/ MICE, INBRED CBA/ PRECIPITIN
TESTS/ RABBITS, immunology/ SHEEP,
immunology/ SPLEEN, immunology/ THYMUS
GLAND, drug effects/ *THYMUS GLAND,
immunology
2317. Kirpatovskii ID, Vasil'ev VI, Chemodanov VI:
Peresadka laichka pri endokrinnoi forme impotentsii.
Vestn Khir 112:58-62, May 74 (Rus)
ENGLISH ABSTRACT/ HUMAN/
HYPOGONADISM, complications/ IMPOTENCE,
etiology/ *IMPOTENCE, therapy/ MALE/
METHODS/ *TESTIS, transplantation/
TRANSPLANTATION, HOMOLOGOUS
2318. Kirschbaum BB, Bosmann HB: Renal glycoprotein:
glycosyl transferase activities after administration of
folic acid. Nephron 12:249-60, 1974
AGE FACTORS/ ALPHA GLOBULIN/
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ COLLAGEN/ CORTISONE,
administration & dosage/ CORTISONE,
pharmacodynamics/ FETAL GLOBULINS/
FOLIC ACID, administration & dosage/
*FOLIC ACID, pharmacodynamics/
GALACTOSE/ *GLYCOPROTEINS,
biosynthesis/ HEXOSYLTRANSFERASES,
metabolism/ INJECTIONS,
INTRAPERITONEAL/ INJECTIONS,
SUBCUTANEOUS/ *KIDNEY, enzymology/
MALE/ METHODS/ METHOTREXATE,
administration & dosage/ METHOTREXATE,
pharmacodynamics/ NEURAMINIC ACIDS/
*TRANSFERASES, metabolism
2319. Kirschner MA, Cohen FB, Jespersen D: Estrogen
production and its origin in men with
gonadotropin-producing neoplasms.
J Clin Endocrinol Metab 39:112-8, Jul 74
*CHORIOCARCINOMA, physiopathology/
DEHYDROEPIANDROSTERONE, metabolism/
ESTRADIOL, biosynthesis/ ESTRADIOL, blood/
*ESTRADIOL, secretion/ ESTRADIOL, urine/
ESTRONE, biosynthesis/ *HORMONES,
ECTOPIC, secretion/ HUMAN/ *LUNG
NEOPLASMS, physiopathology/ MALE/
*MEDIASTINAL NEOPLASMS, physiopathology/
*NEOPLASTIC ENDOCRINE-LIKE
SYNDROMES/ *STOMACH NEOPLASMS,
physiopathology/ *TESTICULAR NEOPLASMS,
physiopathology/ TRITIUM
2320. Kirsenko OV, Demchenko PA, Vavilova GL, et al:
Vyvchennia vzaimodii poverkhnevo-aktyvnykh
rechovin iz membrannykh strukturamy mozku ta ikh
Mg2plus, Napius, Kplus-ATF-aznoi aktyvnosti.
Ukr Biokhim Zh 46:300-6, May-Jun 74 (Ukr)
*ADENOSINE TRIPHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ BRAIN, cytology/
*BRAIN, drug effects/ CALCIUM, metabolism/
CATIONS, DIVALENT/ CATIONS,
MONOVALENT/ CELL MEMBRANE, drug
effects/ *CELL MEMBRANE, enzymology/
DOSE-RESPONSE RELATIONSHIP, DRUG/
DRUG INTERACTIONS/ ENGLISH
ABSTRACT/ ENZYME ACTIVATION, drug
effects/ MAGNESIUM, metabolism/
MICROSOMES, enzymology/ MYELIN SHEATH,
enzymology/ POTASSIUM, metabolism/
SUBCELLULAR FRACTIONS, enzymology/
*SURFACE-ACTIVE AGENTS,
pharmacodynamics/ SYNAPTOSOMES,
enzymology
2321. Kirwan WO: Parathyroid cyst.
Br J Surg 61:365-7, May 74
ADULT/ CALCIUM, blood/ CYSTS,
complications/ *CYSTS, diagnosis/ CYSTS,
etiology/ CYSTS, physiopathology/
DIAGNOSIS, DIFFERENTIAL/ FEMALE/
HUMAN/ HYPERPARATHYROIDISM, etiology/
KIDNEY CALCULI, complications/ MALE/
MIDDLE AGE/ NEPHROCALCINOSIS,
complications/ PARATHYROID DISEASES,
complications/ *PARATHYROID DISEASES,
diagnosis/ PARATHYROID DISEASES,
etiology/ PARATHYROID DISEASES,
physiopathology/ PHOSPHATES, blood/
THYROID DISEASES, diagnosis
2322. Kistler WS, Noyes C, Heinrichson RL: Partial structural
analysis of a highly basic low molecular weight protein
from rat testis.
Biochem Biophys Res Commun 57:341-7, 25 Mar 74
AMINO ACID SEQUENCE/ *AMINO ACIDS,
analysis/ ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, GAS/ CYANOGEN
BROMIDE/ GEL FILTRATION/
HYDROGEN-ION CONCENTRATION/ MALE/
*PROTEINS/ RATS/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ *TESTIS, analysis
2323. Kittinger GW: The ACTH-enhanced conversion of
118-hydroxyprogesterone to corticosterone in the
adrenal glands of fetal rhesus monkeys (Macaca
mulatta). Steroids 23:639-50, May 74
ADRENAL GLANDS, drug effects/ *ADRENAL
GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ CARBON RADIOISOTOPES/
CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ *CORTICOSTERONE,
biosynthesis/ *CORTICOTROPIN,
pharmacodynamics/ FEMALE/ FETUS/
*HYDROXYPROGESTERONE, metabolism/
ISOTOPE LABELING/ MACACA/ TIME
FACTORS/ TRITIUM
2324. Kjellstrand CM, Simmons RL, Uranga VM, et al: Acute
fulminant Wegener granulomatosis. Therapy with
immunosuppression, hemodialysis, and renal
transplantation. Arch Intern Med 134:40-3, Jul 74
ACUTE DISEASE/ ANTILYMPHOCYTE
SERUM, therapeutic use/ AZATHIOPRINE,
therapeutic use/ FLUORESCENT ANTIBODY
TECHNIC/ *HEMODIALYSIS/ HUMAN/
*IMMUNOSUPPRESSIVE AGENTS, therapeutic
use/ KIDNEY, pathology/ *KIDNEY,
transplantation/ KIDNEY FAILURE, CHRONIC,
etiology/ KIDNEY FAILURE, CHRONIC,
therapy/ KIDNEY FUNCTION TESTS/ LUNG,
pathology/ LUNG, radiography/ MALE/
PREDNISONE, therapeutic use/
RESPIRATORY FUNCTION TESTS/
RESPIRATORY INSUFFICIENCY, etiology/
RESPIRATORY INSUFFICIENCY, therapy/
TRANSPLANTATION, HOMOLOGOUS/
WEGENER'S GRANULOMATOSIS,
complications/ WEGENER'S
GRANULOMATOSIS, pathology/ WEGENER'S
GRANULOMATOSIS, radiography/
*WEGENER'S GRANULOMATOSIS, therapy

AUTHOR SECTION

2325. Kłásterská I, Natarajan AT, Ramel C: Heterochromatin distribution and chiasma localization in the grasshopper *Btyodema tuberculata* (Fabr.) (Acrididae). *Chromosoma* 44:393-404, 29 Jan 74
ANIMAL EXPERIMENTS/ *CHROMOSOMES/
*CROSSING OVER (GENETICS)/
*GRASSHOPPERS/ *HETEROCHROMATIN/
KARYOTYPING/ MALE/ *MEIOSIS/ STAINS
AND STAINING/ SWEDEN/ TESTIS, cytology
2326. Klauber GT: Hernia and scrotal problems in childhood. *Conn Med* 38:219-21, May 74
CHILD/ CHILD, PRESCHOOL/
*CRYPTORCHISM, diagnosis/ FEMALE/
HUMAN/ *HYDROCELE, diagnosis/ INFANT/
INFANT, NEWBORN/ *INGUINAL HERNIA,
diagnosis/ INGUINAL HERNIA, surgery/
MALE/ *SPERMATIC CORD TORSION,
diagnosis/ *UMBILICAL HERNIA, diagnosis
2327. Klawans HL, Moses H 3d, Beaulieu DM: The influence of caffeine on d-amphetamine- and apomorphine-induced stereotyped behavior. *Life Sci* 14:1493-500, 16 Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
physiology/ ADENYL CYCLASE, physiology/
ANIMAL EXPERIMENTS/ *APOMORPHINE,
pharmacodynamics/ *BEHAVIOR, ANIMAL,
drug effects/ *CAFFEINE, pharmacodynamics/
COMPARATIVE STUDY/ *DEXTRO
AMPHETAMINE, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
DRUG SYNERGISM/ GUINEA PIGS/ MALE/
PROBABILITY/ RECEPTORS, DRUG, drug
effects/ TIME FACTORS
2328. Klebanovich VI, Goloshchapov AM: Vozrastnye osobennosti klinicheskoi simptomatiki kistozykh obrazovanií pridatkov matki u detei. *Vestn Khir* 111:87-9, Oct 73 (Rus)
*ADNEXAL DISEASES, pathology/ ADNEXAL
DISEASES, surgery/ ADOLESCENCE/ AGE
FACTORS/ CHILD/ CHILD, PRESCHOOL/
*CYSTS, pathology/ CYSTS, surgery/
DIAGNOSIS, DIFFERENTIAL/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ INFANT/
INFANT, NEWBORN/ INFANT, NEWBORN,
DISEASES, pathology/ INFANT, NEWBORN,
DISEASES, surgery/ OVARIAN CYSTS,
pathology/ OVARIAN CYSTS, surgery/
RUPTURE, pathology/ RUPTURE, surgery
2329. Kleeman CR, Better OS: Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. *Kidney Int* 4:73-9, Aug 73 (53 ref.)
BICARBONATES, metabolism/ BONE
RESORPTION/ *CALCIUM, metabolism/
CHOLECALCIFEROL, metabolism/
CHOLECALCIFEROL, therapeutic use/ DIET
THERAPY/ DIHYDROXYCHOLECALCIFEROLS,
biosynthesis/ HEMODIALYSIS, adverse effects/
HUMAN/ HYPERPARATHYROIDISM,
SECONDARY, etiology/
HYPERPARATHYROIDISM, SECONDARY,
prevention & control/ HYPOCALCEMIA,
etiology/ *KIDNEY FAILURE, CHRONIC,
metabolism/ KIDNEY TUBULES, drug effects/
*MAGNESIUM, metabolism/ PARATHYROID
GLANDS, surgery/ PARATHYROID HORMONE,
metabolism/ PARATHYROID HORMONE,
pharmacodynamics/ *PHOSPHORUS,
metabolism/ PHOSPHORUS, therapeutic use/
RENAL OSTEODYSTROPHY, etiology/ RENAL
OSTEODYSTROPHY, metabolism/ REVIEW/
STRUCTURE-ACTIVITY RELATIONSHIP
2330. Klein E, Kracht J, Krüskemper HL, et al: Klassifikation der Schilddrüsenkrankheiten. *Internist (Berlin)* 15:181-3, Mar 74 (Ger)
CARCINOMA, classification/ EYE
MANIFESTATIONS/ GERMANY, WEST/
GOITER, classification/ HUMAN/
HYPERTHYROIDISM, classification/
HYPOTHYROIDISM, classification/ NEOPLASM
METASTASIS/ SARCOMA, classification/
*THYROID DISEASES, classification/
THYROID NEOPLASMS, classification/
THYROID NEOPLASMS, pathology/
THYROIDITIS, classification
2331. Klein E, Rosenberg S, Ben-Ari G: [Cystic lymphangioma of the thyroid gland] *Harefuah* 86:194-7, 15 Feb 74 (Heb)
ENGLISH ABSTRACT/ HUMAN/
*LYMPHANGIOMA, pathology/
LYMPHANGIOMA, surgery/ MALE/ MIDDLE
AGE/ *THYROID NEOPLASMS, pathology/
THYROID NEOPLASMS, surgery
2332. Klein U, Weinheimer B, Zaun H: Simultaneous occurrence of areata alopecia and immunothyroiditis. *Int J Dermatol* 13:116-8, May-Jun 74
*ALOPECIA AREATA, etiology/ HUMAN/
IODINE ISOTOPE, DIAGNOSTIC/ MALE/
THYROID GLAND FUNCTION TESTS/
*THYROIDITIS, LYMPHOMATOUS,
complications/ THYROIDITIS,
LYMPHOMATOUS, immunology
2333. Kleinrok Z, Czajka R, Oleszczuk J: Wplyw chlorku litu na wrażliwość wysochniętego jelita cienkiego i serca szczura na acetylocholinę, 5-hydroksytryptaminę i noradrenalinę. *Ann Univ Mariae Curie Skłodowska [Med]* 28:189-200, 1973 (Pol)
ACETYLCHOLINE, antagonists & inhibitors/
ACETYLCHOLINE, pharmacodynamics/
ANIMAL EXPERIMENTS/ CHLORIDES,
pharmacodynamics/ ENGLISH ABSTRACT/
*HEART, drug effects/ *JEJUNUM, drug
effects/ *LITHIUM, pharmacodynamics/
NOREPINEPHRINE, antagonists & inhibitors/
NOREPINEPHRINE, pharmacodynamics/ RATS/
SEROTONIN, antagonists & inhibitors/
SEROTONIN, pharmacodynamics
2334. Kleinrok Z, Jagiello-Wójtowicz E, Kolasa K: The central action of histamine. 3. The effect of antazoline and thenalidine on the brain noradrenaline and 5-hydroxytryptamine levels and behavior of rats receiving histamine intraventricularly. *Pol J Pharmacol Pharm* 25:519-24, Nov-Dec 73
ANILINE COMPOUNDS, pharmacodynamics/
ANIMAL EXPERIMENTS/
ANTIHISTAMINICS, pharmacodynamics/
BENZYL COMPOUNDS, pharmacodynamics/
BRAIN, drug effects/ *BRAIN, metabolism/
BRAIN CHEMISTRY/ CEREBRAL
VENTRICLES/ DEPRESSION, CHEMICAL/
FEMALE/ HISTAMINE, administration &
dosage/ HISTAMINE, antagonists & inhibitors/
*HISTAMINE, pharmacodynamics/
*IMIDAZOLES, pharmacodynamics/
INJECTIONS/ MALE/ METHODS/ MOTOR
ACTIVITY, drug effects/ *NOREPINEPHRINE,
metabolism/ *PIPERIDINES,
pharmacodynamics/ *SEROTONIN, metabolism/
THIOPHENES, pharmacodynamics
2335. Kleintelch B, Schickedanz H: Zur Frage des günstigsten Behandlungszeitpunktes der Hodendystopien. *Z Aerzt Fortbild (Jena)* 68:27-9, Jan 74 (Ger)
AGE FACTORS/ CRYPTORCHISM,
physiopathology/ *CRYPTORCHISM, surgery/
HUMAN/ MALE/ TESTIS, growth &
development
2336. Klemens UH, Löwis F von: Behandlung primärer Hyperlipoproteinaemien vom Typ IIa und IIb mit hochgereinigtem D-Thyroxin (D-T4). Eine kontrollierte Studie unter ambulanten Bedingungen. *Dtsch Med Wochenschr* 99:487-93, 15 Mar 74 (Ger)
ADMINISTRATION, ORAL/ *AMBULATORY
CARE/ ANGINA PECTORIS, drug therapy/
ANIMAL EXPERIMENTS/ BODY WEIGHT/
CHOLESTEROL, blood/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA,
drug therapy/ HYPERCHOLESTEREMIA,
pathology/ *LIPOPROTEINS, LDL, blood/
MALE/ METHODS/ PLACEBOS/ STATISTICS/
THYROXINE, administration & dosage/
THYROXINE, isolation & purification/
*THYROXINE, therapeutic use/ TIME
FACTORS/ TRIGLYCERIDES, blood
2337. Klemm G, Putzke HP: Experimentelle verkalkende Pankreatitis. *Z Gesamte Inn Med* 29:161-2, 15 Feb 74 (Ger)
ANIMAL EXPERIMENTS/ *CALCINOSIS,
chemically induced/ CALCINOSIS, pathology/

AUTHOR SECTION

- ENGLISH ABSTRACT/ FEMALE/
IRON-DEXTRAN COMPLEX,
pharmacodynamics/ MICROSCOPY,
ELECTRON/ *PANCREATITIS, chemically
induced/ PANCREATITIS, pathology/ TIME
FACTORS/ VITAMIN D, pharmacodynamics
2338. Klenerová V, Hynlé S: The activity of adenylate cyclase, phosphodiesterase and protein kinase in the adenohipophyses of rats treated by chronic administration of estrogens and acute application of thyroxine in vivo. *Horm Metab Res* 6:208-13, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENYL CYCLASE, analysis/
*ADENYL CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ BODY WEIGHT,
drug effects/ ESTRADIOL, administration &
dosage/ *ESTROGENS, pharmacodynamics/
FEMALE/ HYPERPITUITARISM, enzymology/
*HYPERPITUITARISM, physiopathology/
HYPERTROPHY/ INJECTIONS/
PHOSPHODIESTERASES, analysis/
*PHOSPHODIESTERASES, metabolism/
PITUITARY GLAND, analysis/ *PITUITARY
GLAND, enzymology/ PITUITARY GLAND,
physiopathology/ PROTEIN KINASE, analysis/
*PROTEIN KINASE, metabolism/ THYROXINE,
administration & dosage/ *THYROXINE,
pharmacodynamics
2339. Klepacki A: Wpływ niektórych leków (trasyol, parathormon dekstran niskocząsteczkowy) na dynamikę ostrego doświadczonego zapalenia trzustki. *Pol Przegl Chir* 46:529-34, 1974 (Pol)
ACUTE DISEASE/ *AMYLASE, blood/
ASCITIC FLUID, enzymology/ *DEXTRAN,
therapeutic use/ ENGLISH ABSTRACT/
*KALLIKREIN-TRYPSIN INACTIVATOR,
therapeutic use/ *LIPASE, blood/
MOLECULAR WEIGHT/ *PANCREATITIS,
drug therapy/ PANCREATITIS, enzymology/
*PARATHYROID HORMONE, therapeutic use/
PORTAL SYSTEM, enzymology
2340. Klessen C: Histochemical demonstration of thyrotropic and gonadotropic cells in the pituitary gland of the rat by the use of a lead tetraacetate-sodium bisulphite technique. *Histochem J* 6:311-8, May 74
*ACETATES, diagnostic use/ ACETYLATION/
ANIMAL EXPERIMENTS/ COMPARATIVE
STUDY/ CYTOPLASMIC GRANULES/
*GONADOTROPINS, PITUITARY, analysis/
HISTOCYTOCHEMISTRY/ HYDROGEN-ION
CONCENTRATION/ *LEAD, diagnostic use/
MALE/ OXIDATION-REDUCTION/ PITUITARY
GLAND, analysis/ *PITUITARY GLAND,
cytology/ STAINS AND STAINING/
*SULFITES, diagnostic use/ TEMPERATURE/
*THYROTROPIN, analysis
2341. Kley HK, Nieschlag E, Bidingmaier F, et al: Possible age-dependent influence of estrogens on the binding of testosterone in plasma of adult men. *Horm Metab Res* 6:213-8, May 74
AGE FACTORS/ *BINDING, COMPETITIVE/
ESTRADIOL, blood/ *ESTRADIOL,
pharmacodynamics/ ESTRONE, blood/
*ESTRONE, pharmacodynamics/ HUMAN/
HYDROCORTISONE, metabolism/ MALE/
RADIOIMMUNOASSAY/ *TESTOSTERONE,
blood/ TESTOSTERONE, metabolism
2342. Klibansky C, Hoffmann J, Pinkhas J, et al: Leukocyte glucocerebrosidase deficiency diagnostic in adult Gaucher's disease with negative bone marrow biopsy. Some properties of the enzyme in leukocytes and spleen. *Eur J Clin Invest* 4:85-92, Apr 74
ADENOSINE MONOPHOSPHATE, biosynthesis/
*ADENOSINE MONOPHOSPHATE, metabolism/
ADENOSINE MONOPHOSPHATE, urine/
ADULT/ ANIMAL EXPERIMENTS/
BICARBONATES, urine/ CATTLE/ HUMAN/
*KIDNEY, drug effects/ KIDNEY, metabolism/
KIDNEY FUNCTION TESTS/ MAGNESIUM,
urine/ MALE/ *PARATHYROID HORMONE,
pharmacodynamics/ PHOSPHATES, urine/
POTASSIUM, urine/ SODIUM, urine/ TIME
FACTORS
2343. Klimek R: Struktura i funkcja hormonów podwzgórzowych. *Folia Med Cracov* 16:120, 1974 (Pol)
FEMALE/ HUMAN/ HYPOTHALAMUS/
OXYTOCIN, physiology/ *PITUITARY
HORMONES, physiology/ TIME FACTORS
2344. Klinger G, Hesse A, Schneider HJ: Sur Frage einer Bedeutung hormonaler Kontrazeptiva für die Entstehung von Harnsteinen. *Zentralbl Gynaekol* 96:248-53, 22 Feb 74 (Ger)
AGE FACTORS/ *CONTRACEPTIVES, ORAL,
adverse effects/ CONTRACEPTIVES, ORAL,
metabolism/ ENGLISH ABSTRACT/
ESTROGENS, adverse effects/ ESTROGENS,
metabolism/ FEMALE/ HUMAN/
PROGESTATIONAL HORMONES, adverse
effects/ PROGESTATIONAL HORMONES,
metabolism/ *URINARY CALCULI, chemically
induced/ URINARY CALCULI, metabolism/
URINARY TRACT INFECTIONS, chemically
induced/ URINARY TRACT INFECTIONS,
metabolism
2345. Klokke AH: Sarcoidosis. *Dermatologica* 148:60, 1974
ADULT/ CASE REPORT/ HUMAN/ MALE/
PREDNISONE, therapeutic use/ SARCOIDOSIS,
diagnosis/ SARCOIDOSIS, drug therapy/
*SARCOIDOSIS, pathology
2346. Klotz HP, Caurier-Jouin D: L'aménorrhée dans l'anorexie mentale. *Ann Med Interne (Paris)* 124:789-91, Nov 73 (Fre)
AMENORRHEA, diagnosis/ *AMENORRHEA,
etiology/ AMENORRHEA, physiopathology/
*ANOREXIA NERVOSA, complications/
CLOMIPHENE, diagnostic use/ FEMALE/
HUMAN/ HYPOTHALAMO-HYPOPHYSEAL
SYSTEM, physiopathology/ LH-FSH
RELEASING HORMONE, blood/ PITUITARY
GLAND FUNCTION TESTS/ PROGNOSIS
2347. Klugmann HJ, Fischer H, Geller G: Über die Häufigkeit der chronischen Gastritis bei progressiv chronischer Polyarthrit. *Z Gesamte Inn Med* 29:104-10, 1 Feb 74 (Ger)
ANTIBODY FORMATION/ ANTIBODY
PRODUCING CELLS/ ARTHRITIS,
RHEUMATOID, complications/ *ARTHRITIS,
RHEUMATOID, drug therapy/ ARTHRITIS,
RHEUMATOID, immunology/
AUTOANTIBODIES/ CHLOROQUINE, adverse
effects/ CHLOROQUINE, therapeutic use/
CHRONIC DISEASE/ DUODENAL ULCER,
chemically induced/ DYSPEPSIA, chemically
induced/ ENGLISH ABSTRACT/ FEMALE/
*GASTRITIS, chemically induced/ GASTRITIS,
immunology/ GASTRITIS, occurrence/
GERMANY, EAST/ HUMAN/ MALE/
PREDNISOLONE, adverse effects/
PREDNISOLONE, therapeutic use/ STOMACH
ULCER, chemically induced
2348. Klumpp F, Klaus D, Rössler R, et al: Reninaktivität im Nierenvenenblut und ihre Stimulierbarkeit durch verschiedene Pharmaka. *Verh Dtsch Ges Inn Med* 79:767-70, 1973 (Ger)
HUMAN/ HYDRALAZINE, pharmacodynamics/
HYPERTENSION, physiopathology/
HYPERTENSION, RENAL, physiopathology/
*RENAL VEINS/ *RENIN, blood/
THEOPHYLLINE, pharmacodynamics
2349. Kmiecik-Kolada K, Herman ZS, Słomińska-Zurek J: Behavioural and biochemical effects of 6-hydroxydopa in rats. *Psychopharmacologia* 35:341-52, 9 Mar 74
AGGRESSION, drug effects/ ANIMAL
EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug
effects/ BODY TEMPERATURE/ *BRAIN
CHEMISTRY, drug effects/ CEREBELLUM,
metabolism/ CEREBRAL CORTEX, metabolism/
CEREBRAL VENTRICLES/
*HYDROXYDOPAMINE, pharmacodynamics/
HYDROXYINDOLEACETIC ACID, metabolism/
HYPOTHALAMUS, metabolism/ INJECTIONS/
MALE/ MEDULLA OBLONGATA, metabolism/
MESENCEPHALON, metabolism/ MOTOR
ACTIVITY, drug effects/ NOREPINEPHRINE,
metabolism/ PONS, metabolism/ RATS/
SEROTONIN, metabolism/ SPECTROMETRY,

AUTHOR SECTION

- FLUORESCENCE/ STEREOTYPED BEHAVIOR,
drug effects/ TIME FACTORS
2350. Knigge KM, Joseph SA, Silverman AJ, et al: Further observations on the structure and function of median eminence, with reference to the organization of RF-producing elements in the endocrine hypothalamus. *Prog Brain Res* 39:7-20, 1973
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/
*HYPOTHALAMO-HYPOPHYSAL SYSTEM,
physiology/ *HYPOTHALAMUS, physiology/
MALE/ RATS/ THYROTROPIN RELEASING
HORMONE, physiology/ THYROXINE,
physiology/ TRITIUM
2351. Knigge KM, Joseph SA: Thyrotrophin releasing factor (TRF) in cerebrospinal fluid of the 3rd ventricle of rat. *Acta Endocrinol (Kbh)* 76:209-13, Jun 74
ANIMAL EXPERIMENTS/ *CEREBRAL
VENTRICLES, metabolism/ COLD/
DEPRESSION, CHEMICAL/ MALE/
METHIMAZOLE, pharmacodynamics/
METHODS/ RATS/ THYROID GLAND, drug
effects/ *THYROTROPIN RELEASING
HORMONE, cerebrospinal fluid/
THYROTROPIN RELEASING HORMONE,
metabolism/ THYROXINE, pharmacodynamics/
TIME FACTORS
2352. Knight BL: Adenosine 3',5'-cyclic phosphate, lipolysis and oxygen consumption in brown adipose tissue from newborn rabbits. Effect of cervical sympathectomy and of noradrenalin and theophylline in vitro, and the partial purification of an adenosine 3',5'-cyclic phosphate-dependent protein kinase. *Biochim Biophys Acta* 343:287-96, 22 Apr 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
ANIMALS, NEWBORN/ BROWN FAT, drug
effects/ BROWN FAT, enzymology/ *BROWN
FAT, metabolism/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ FEMALE/ GANGLIA,
AUTONOMIC, physiology/ INSULIN,
pharmacodynamics/ KINETICS/ *LIPID
MOBILIZATION, drug effects/ *LIPIDS,
metabolism/ *NOREPINEPHRINE,
pharmacodynamics/ *OXYGEN CONSUMPTION,
drug effects/ PHOSPHORUS RADIOISOTOPES/
PROPRANOLOL, pharmacodynamics/ PROTEIN
KINASE, isolation & purification/ *PROTEIN
KINASE, metabolism/ SYMPATHECTOMY/
*THEOPHYLLINE, pharmacodynamics/ TIME
FACTORS/ TRITIUM
2353. Knorr D, Biddingmaier F, Butenandt O, et al: Plasma testosterone in male puberty. I. Physiology of plasma testosterone. *Acta Endocrinol (Kbh)* 75:181-94, Jan 74
ADOLESCENCE/ ADULT/ AGE
DETERMINATION BY SKELETON/ AGE
FACTORS/ AXILLA/ BODY HEIGHT/ BODY
WEIGHT/ CHILD/ CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, THIN LAYER/
FEMALE/ GROWTH/ HAIR, growth &
development/ HUMAN/ MALE/ ORGAN
WEIGHT/ PELVIS/ *PUBERTY/ SEX
CHARACTERISTICS/ TESTIS, anatomy &
histology/ *TESTOSTERONE, blood/
TESTOSTERONE, physiology/ TRITIUM
2354. Knowles JA: Breast milk: a source of more than nutrition for the neonate. *Clin Toxicol* 7:69-82, 1974 (43 ref.)
ALCOHOL, ETHYL, analysis/
ANTICOAGULANTS, analysis/ BENZENE
HEXACHLORIDE/ BERIBERI, etiology/
*BREAST FEEDING/ CATHARTICS, analysis/
CORTISONE, analysis/
DIHYDROTACHYSTEROL, analysis/ DRUGS,
metabolism/ ERGOT ALKALOIDS, analysis/
FEMALE/ HUMAN/ HYDROGEN-ION
CONCENTRATION/ LEAD, analysis/
MERCURY, analysis/ *MILK, HUMAN,
analysis/ MILK, HUMAN, metabolism/ MILK,
HUMAN, microbiology/ PESTICIDES, analysis/
RADIOISOTOPES/ REVIEW/
STAPHYLOCOCCUS/ THYROID
ANTAGONISTS, analysis/ VIRUSES
2355. Knox FG, Schneider EG, Willis LR, et al: Editorial: Site and control of phosphate reabsorption by the kidney. *Kidney Int* 3:347-53, Jun 73
ABSORPTION/ ACETYLCHOLINE,
pharmacodynamics/ ACUTE DISEASE/
ANIMAL EXPERIMENTS/ CALCITONIN,
pharmacodynamics/ CALCIUM,
pharmacodynamics/ CHRONIC DISEASE/
HUMAN/ KIDNEY TUBULES, PROXIMAL,
drug effects/ *KIDNEY TUBULES,
PROXIMAL, physiology/ KIDNEY TUBULES,
PROXIMAL, secretion/ PARATHYROID
GLANDS, physiology/ PARATHYROID
HORMONE, pharmacodynamics/
PARATHYROID HORMONE, physiology/
PHOSPHATES, blood/ *PHOSPHATES,
metabolism/ PHOSPHATES, pharmacodynamics/
PHOSPHATES, secretion/ PHOSPHATES,
urine/ PHOSPHORUS RADIOISOTOPES/
PROSTAGLANDINS, pharmacodynamics/
SODIUM, metabolism/ TIME FACTORS/
VITAMIN D, pharmacodynamics/ WATER,
metabolism/ WATER-ELECTROLYTE
BALANCE
2356. Knudtson WU, Wohlgemuth K, Kirkbride CA, et al: Mycologic, serologic and histologic findings in bovine abortion associated with *Allercheria boydii*. *Drugs* 7:81-6, 1974
ABORTION, VETERINARY, immunology/
*ABORTION, VETERINARY, microbiology/
ABORTION, VETERINARY, pathology/
ANIMAL EXPERIMENTS/ ANTIBODIES,
FUNGAL, analysis/ ASCOMYCETES,
immunology/ *ASCOMYCETES, isolation &
purification/ AUTOPSY/ CATTLE DISEASES,
immunology/ *CATTLE DISEASES,
microbiology/ CATTLE DISEASES, pathology/
FEMALE/ GEL DIFFUSION TESTS/
INFLAMMATION/ MALE/ PLACENTA,
microbiology/ PLACENTA, pathology/
PLACENTA DISORDERS, immunology/
PLACENTA DISORDERS, microbiology/
PLACENTA DISORDERS, pathology/
*PLACENTA DISORDERS, veterinary
2357. Kobayashi RM, Kopin IJ: The effects of stress and environmental lighting on histamine in the rat brain. *Brain Res* 74:356-9, 12 Jul 74
ANIMAL EXPERIMENTS/ *BRAIN,
metabolism/ CEREBRAL CORTEX, metabolism/
CIRCADIAN RHYTHM/ COLD/ *HISTAMINE,
metabolism/ HYPOTHALAMUS, metabolism/
IMMOBILIZATION/ *LIGHTING/ MALE/
MESENCEPHALON, metabolism/ *STRESS,
metabolism/ THALAMUS, metabolism
2358. Kobayashi S: Role of histaminase and corticosterone on the depletion of tissue histamine in the irradiated rats. *Proc Soc Exp Biol Med* 146:25-9, May 74
ADRENAL GLANDS, physiology/
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
CORTICOSTERONE, pharmacodynamics/
*CORTICOSTERONE, physiology/ *DUODENUM,
enzymology/ *HISTAMINASE, physiology/
HISTAMINE, blood/ *HISTAMINE, metabolism/
*KIDNEY, enzymology/ *LIVER, enzymology/
*LUNG, enzymology/ MALE/ *RADIATION
EFFECTS/ RATS/ TIME FACTORS/ TRITIUM
2359. Kobierska A, Karnicka-Mlodkowska H, Ostrowska T: Pomiar dawki ekspozycyjnej poza polem napromieniowanym w warunkach terapii konwencjonalnej i telekobaltoterapii. *Pol Przegl Radiol* 38:67-70, 1974 (Pol)
*COBALT RADIOISOTOPES, therapeutic use/
ENGLISH ABSTRACT/ GONADS, radiation
effects/ HUMAN/ RADIATION EFFECTS/
*RADIOISOTOPE TELETHERAPY/
*RADIOTHERAPY DOSAGE
2360. Kobozewa NV: O nekotorykh zakonomernostyakh razvitiia genital'nykh i endokrinnykh zhelez v antenatal'nykh period ontogeneza. *Aktuel Probl Klin Biochem* 49:47-51, Jul 73 (Rus)
*ENDOCRINE GLANDS, embryology/ ENGLISH
ABSTRACT/ FEMALE/ *GENITALIA,
embryology/ HUMAN/ MALE/ PREGNANCY/
TIME FACTORS

AUTHOR SECTION

2361. Kobzer EV: Instrument dla obrabtki kostnykh polostef. Ortop Travmatol Protez 35:81-2, May 74 (Rus)
*BONE AND BONES, surgery/ *SURGICAL INSTRUMENTS
2362. Koch Y, Zor U, Chobsteng P, et al: Binding of luteinizing hormone and human chorionic gonadotrophin to ovarian cells and activation of adenylate cyclase. N Engl J Med 291:179-91, 11 Jun 74
*ADENYL CYCLASE, metabolism/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CELL MEMBRANE, metabolism/ CORPUS LUTEUM, metabolism/ ENZYME ACTIVATION/ FEMALE/ *GONADOTROPINS, CHORIONIC, metabolism/ GRAAFIAN FOLLICLE, metabolism/ HUMAN/ IMMUNE SERUMS, pharmacodynamics/ IN VITRO/ IODINE RADIOISOTOPES/ *LH, metabolism/ OVARY, enzymology/ *OVARY, metabolism/ RECEPTORS, HORMONE/ SHEEP/ TEMPERATURE
2363. Kocián J, Vulterinová M, Bejblová O, et al: Influence of lactose intolerance on the bones of patients after partial gastrectomy. Dev Psychobiol 8:324-35, 1973
AGE FACTORS/ *BONE DISEASES, etiology/ BONE DISEASES, pathology/ CALCIUM, metabolism/ CALCIUM METABOLISM DISORDERS, etiology/ CLAVICLE, pathology/ FEMALE/ FOLLOW-UP STUDIES/ *GASTRECTOMY/ GASTRECTOMY, adverse effects/ HUMAN/ INTESTINAL ABSORPTION/ *LACTOSE INTOLERANCE, physiopathology/ MALE/ METHODS/ SEX FACTORS/ STATISTICS
2364. Kocička W, Góral R: Leczenie zachowawcze wrzodziejącego zapalenia jelita grubego w świetle spostrzeżeń własnych. Przegl Lek 31:408-12, 1974 (Pol)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ BLOOD TRANSFUSION/ COLITIS, ULCERATIVE, drug therapy/ *COLITIS, ULCERATIVE, therapy/ DIET THERAPY/ HUMAN/ MIDDLE AGE/ PARENTERAL FEEDING
2365. Koerker DJ, Goodner CJ, Ruch W: Letter: Somatostatin action on pancreas. N Engl J Med 291:262-3, 1 Aug 74
ANIMAL EXPERIMENTS/ BABOONS/ DEPRESSION, CHEMICAL/ GLUCAGON, secretion/ INSULIN, secretion/ *PANCREAS, drug effects/ *PEPTIDES, pharmacodynamics/ SOMATOTROPIN RELEASING HORMONE, antagonists & inhibitors
2366. Köhl W: Vergleichende enzymhistochemische Untersuchungen am Subcommissuralorgan von Maus, Goldhamster, Ratte und Meerschweinchen. Verh Anat Ges 67:415-6, 1972 (Ger)
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *EPENDYMA, enzymology/ *GLUCOSYLTRANSFERASES, analysis/ GLYCOLYSIS/ GUINEA PIGS/ HAMSTERS/ HISTOCYTOCHEMISTRY/ *HYPOTHALAMUS, enzymology/ MICE/ RATS
2367. Kolschitz D: Das metastasierende Psammokarzinom des Ovars. Fortschr Geb Roentgenstr Nuklearmed 120:357-60, Mar 74 (Ger)
*ADENOCARCINOMA, PAPILLARY/ ADENOCARCINOMA, PAPILLARY, radiography/ ANGIOGRAPHY/ CELIAC ARTERY, radiography/ FEMALE/ HUMAN/ *LIVER NEOPLASMS, radiography/ *LUNG NEOPLASMS, radiography/ MIDDLE AGE/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS/ OVARIAN NEOPLASMS, radiography
2368. Koj A: Biologiczna rola proteaz leukocytów i ich znaczenie dla medycyny klinicznej. Przegl Lek 31:425-6, 1974 (Pol)
ADENYL CYCLASE, metabolism/ *COLLAGEN DISEASES, diagnosis/ COLLAGEN DISEASES, enzymology/ CONNECTIVE TISSUE, metabolism/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *LEUKOCYTES, enzymology/ *PEPTIDE HYDROLASES, blood/ PEPTIDE HYDROLASES, metabolism
2369. Koj A: Hormonalna regulacja syntezy białek ostrej fazy. Folia Med Cracov 16:131, 1974 (Pol)
ANIMAL EXPERIMENTS/ HUMAN/ HYDROCORTISONE, physiology/ INSULIN, physiology/ LIVER DISEASES, metabolism/ *PROTEINS, biosynthesis/ *SOMATOTROPIN, physiology
2370. Kokka N, Garcia JF, Elliott HW: Effects of acute and chronic administration of narcotic analgesics on growth hormone and corticotrophin (ACTH) secretion in rats. Prog Brain Res 39:347-60, 1973
ANIMAL EXPERIMENTS/ *CORTICOTROPIN, secretion/ DOSE-RESPONSE RELATIONSHIP, DRUG/ MALE/ *METHADONE, administration & dosage/ *METHADONE, pharmacodynamics/ MORPHINE, pharmacodynamics/ NALORPHINE, pharmacodynamics/ NALOXONE, pharmacodynamics/ RATS/ *SOMATOTROPIN, secretion
2371. Kokot F, Kalus-Witkiewicz H: Wydalanie jonów wodorowych przez nerki-aspekty fizjologiczne i kliniczne. Przegl Lek 31:376-81, 1974 (48 ref.) (Pol)
ACID-BASE EQUILIBRIUM/ ACIDOSIS, RENAL TUBULAR, metabolism/ AMMONIA, secretion/ BICARBONATES, metabolism/ BODY FLUIDS, metabolism/ BUFFERS/ CARBONIC ANHYDRASE, metabolism/ FANCONI SYNDROME, metabolism/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYDROGEN, metabolism/ *HYDROGEN-ION CONCENTRATION/ HYPERPARATHYROIDISM, SECONDARY, metabolism/ KIDNEY, metabolism/ *KIDNEY, physiology/ KIDNEY, physiopathology/ KREBS CYCLE/ NEPHRONS, enzymology/ REVIEW
2372. Kokot F, Kuska J: Influence of extracorporeal dialysis on insulin-induced human growth hormone secretion in patients with acute renal failure. Nephron 12:241-8, 1974
BICARBONATES, blood/ BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN/ DIET/ DIETARY CARBOHYDRATES, administration & dosage/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *HEMODIALYSIS/ HUMAN/ INJECTIONS, INTRAVENOUS/ INSULIN, administration & dosage/ INSULIN, blood/ *INSULIN, pharmacodynamics/ *KIDNEY FAILURE, ACUTE, blood/ MALE/ POTASSIUM, blood/ SODIUM, blood/ *SOMATOTROPIN, blood/ TIME FACTORS
2373. Kolaeva SG, Kolpakov MG, Robinson MV: Dinamika periodicheskikh izmenenii razmerov iadryah v kletkakh kory nadpochechnikov u sualikov vo vremia vkhozhdeniya v zimniul spalachku. Dokl Akad Nauk SSSR 216:199-201, 1 May 74 (Rus)
*ADRENAL GLANDS, cytology/ ANIMAL EXPERIMENTS/ *CELL NUCLEOLUS/ *HIBERNATION/ PERIODICITY/ *SQUIRRELS, physiology
2374. Kolesov DV, Fedoseeva NA: Gipofizarno-nadpochechnikoval sistema i nekotorye "tkanewye" faktory regulatsii u detei s kozhnyimi proiavlenniami allergii. Vestn Dermatol Venerol 48:32-7, 1974 (Rus)
ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ ASTHMA, metabolism/ CHILD/ CHILD, PRESCHOOL/ CORTICOTROPIN, blood/ ENGLISH ABSTRACT/ HUMAN/ *HYPERSENSITIVITY/ KININS, blood/ NEURAMINIC ACIDS, blood/ NEUROHUMORS, metabolism/ *PITUITARY GLAND, physiopathology/ *SKIN DISEASES, physiopathology
2375. Koletsky S, Puterman DI, Koletsky RJ: Similar response of spontaneously hypertensive and normotensive rats to adrenal enucleation. Proc Soc Exp Biol Med 146:126-31, May 74
*ADRENAL GLANDS, physiology/ *ADRENAL MEDULLA, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BLOOD

AUTHOR SECTION

- PRESSURE/ CORTICOSTERONE, blood/
*HYPERTENSION, etiology/ MALE/ ORGAN
WEIGHT/ RATS/ REGENERATION/ TIME
FACTORS
2376. Koley K, Bakardjiev T: Interrelation between silicosis and lung cancer. Preliminary report.
Med Lav 64:241-4, Jul-Aug 73
CARCINOMA/ CARCINOMA, BRONCHOGENIC/
CARCINOMA, EPIDERMAL/ CARCINOMA,
OAT CELL/ COAL MINING/ HUMAN/ LEAD/
*LUNG NEOPLASMS, complications/ LUNG
NEOPLASMS, pathology/ MINING/ NEOPLASM
METASTASIS/ OCCUPATIONAL DISEASES/
*SILICOSIS, complications/ SILICOSIS,
pathology/ URANIUM
2377. Kollyannis A, Haq NU, Judge T, et al: Proceedings:
Plasma 17-hydroxyandrogens in elderly human
subjects. J Endocrinol 61:xxx1, Apr 74
AGED/ *AGING/ CIRCADIEN RHYTHM/
FEMALE/ HUMAN/ MALE/
RADIOIMMUNOASSAY/ *STANOLONE, blood/
*TESTOSTERONE, blood
2378. Koller C, Klinger R, Anderson G: Adaptation of hepatic
phenylalanine hydroxylase in the rat.
Enzyme 17:155-9, 1974
ADRENAL GLANDS, physiology/
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
HYDROCORTISONE, pharmacodynamics/
*LIVER, enzymology/ MALE/
*PHENYLALANINE HYDROXYLASE,
metabolism/ SODIUM CHLORIDE, metabolism/
TYROSINE, pharmacodynamics/ TYROSINE
AMINOTRANSFERASE, metabolism
2379. Kollias G, Schwarzhoff V: Maligne Hodentumoren.
Urologe [A] 13:72-4, Mar 74 (Ger)
ADENOCARCINOMA/ ADOLESCENCE/
ADULT/ AGE FACTORS/ AGED/ CHILD/
CHILD, PRESCHOOL/ CHORIOCARCINOMA/
DISGERMINOMA/ ENGLISH ABSTRACT/
FOLLOW-UP STUDIES/ HUMAN/ MALE/
MIDDLE AGE/ NEOPLASM METASTASIS/
PROGNOSIS/ SARCOMA/ SARCOMA,
RETICULUM CELL/ TERATOID TUMOR/
*TESTICULAR NEOPLASMS, diagnosis/
TESTICULAR NEOPLASMS, pathology/
TESTICULAR NEOPLASMS, therapy
2380. Komarov FI, Ivanov AI, Barchuk VA:
Makromolekularnyi kompleks zhelezi i ego
klinicheskoe znachenie (obzor literatury i
sobstvennyye issledovaniya).
Ter Arkh 46:107-13, 1974 (50 ref.) (Rus)
*BILE, analysis/ BILE, secretion/ *BILE
ACIDS AND SALTS, analysis/ BILE
PIGMENTS, analysis/ *BILIARY TRACT
DISEASES, diagnosis/ CHOLESTEROL,
analysis/ CHROMATOGRAPHY/
DIHYDROXYCHOLECALCIFEROLS, analysis/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ ENGLISH ABSTRACT/ HUMAN/ LIVER,
physiopathology/ MOLECULAR WEIGHT/
PHOSPHOLIPIDS, analysis/ PROTEINS,
analysis/ REVIEW
2381. Komase M: [Adrenogenital syndrome (in adults)]
Clin Endocrinol (Tokyo) 22:218-9, Jan 74 (Jap)
*ADRENOGENITAL SYNDROME, surgery/
ADULT/ FEMALE/ HUMAN
2382. Komase M: [Adrenogenital syndrome (in children):
urological aspect]
Clin Endocrinol (Tokyo) 22:212-4, Jan 74 (Jap)
ADRENAL GLAND NEOPLASMS,
complications/ ADRENOGENITAL SYNDROME,
etiology/ *ADRENOGENITAL SYNDROME,
therapy/ CHILD/ FEMALE/ HUMAN/ MALE
2383. Komissarenko VP: Pis'mo v redaktsiiu.
Klin Med (Mosk) 51:143-4, Sep 73 (Rus)
*CUSHING'S SYNDROME, drug therapy/
DDD, therapeutic use/ HUMAN/ REMISSION
2384. Komissarov VM: Fotometricheskii metod opredeleniya
soderzhanija mineral'nykh soley v kostyakh u bol'nykh
psoriazom.
Vestn Dermatol Venerol 48:41-5, May 74 (Rus)
- *BONE AND BONES, analysis/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ MALE/
*MINERALS, analysis/ OSTEOPOROSIS,
diagnosis/ *PHOTOMETRY/ *PSORIASIS,
metabolism/ PSORIASIS, radiography
2385. Kompantseva EV, Belikov VG, Vergechik EN:
Kyslotno-luzhnyi vlastyivost' merkazollu i optymal'ni
umovy yoho spektrofotometrychnoho analizu.
Farm Zh 28:47-9, Nov-Dec 73 (Ukr)
ENGLISH ABSTRACT/ HYDROGEN-ION
CONCENTRATION/ SOLUTIONS/
*SPECTROPHOTOMETRY/ *THYROID
ANTAGONISTS, analysis
2386. König A, Elsaesser F: Neuere Erkenntnisse der
Endokrinologie der Fortpflanzung und Laktation bei
Haustieren. 5. Endokrinologie der
Sexualentwicklung.
Dtsch Tierärztl Wochenschr 81:273-8, 15 Jun 74 (44
ref.) (Ger)
ANIMAL EXPERIMENTS/ ANIMALS,
DOMESTIC/ ENDOCRINOLOGY/ ENGLISH
ABSTRACT/ FEMALE/ GENITALIA, growth &
development/ GONADOTROPINS, secretion/
*GONADS, growth & development/ GONADS,
physiology/ HUMAN/ HYPOTHALAMUS,
physiology/ *LACTATION/ MALE/ OVARY,
growth & development/ OVARY, physiology/
PITUITARY GLAND, physiology/ PUBERTY/
*REPRODUCTION/ REVIEW/ SEX
DIFFERENTIATION DISORDERS/ SHEEP/
SWINE/ TESTIS, growth & development/
TESTIS, physiology
2387. König P, Jaffe P, Godfrey S: Effect of corticosteroids
on exercise-induced asthma.
J Allergy Clin Immunol 54:14-9, Jul 74
ADMINISTRATION, ORAL/ AEROSOLS/
*ASTHMA, drug therapy/ ASTHMA, etiology/
BECLOMETHASONE, administration & dosage/
BECLOMETHASONE, therapeutic use/
EXERCISE TEST/ EXERTION/ FEMALE/
*GLUCOCORTICOIDS, therapeutic use/
HUMAN/ MALE/ PLACEBOS/ PREDNISONE,
administration & dosage/ PREDNISONE,
therapeutic use/ RESPIRATORY AIRFLOW/
TIME FACTORS
2388. Kononenko VIA, Savits'kiy SIu: Vplyv hiper- ta
hiptyreozu na vmiat serotoninu i noradrenalinu ta
aktyvnist' monoaminoksydazi v nervovykh
zaklinchennakh holovnoho mozku shchuriv.
Ukr Biokhim Zh 46:152-6, Mar-Apr 74 (Ukr)
ANIMAL EXPERIMENTS/ BRAIN, enzymology/
*BRAIN, metabolism/ ENGLISH ABSTRACT/
*HYPERHYROIDISM, chemically induced/
*HYPERTHYROIDISM, metabolism/
*HYPOTHYROIDISM, chemically induced/
*HYPOTHYROIDISM, metabolism/ MALE/
METHYLTHIOURACIL/ *MONOAMINE
OXIDASE, metabolism/ *NOREPINEPHRINE,
metabolism/ RATS/ *SEROTONIN, metabolism/
*SYNAPTOSOMES, enzymology/
*SYNAPTOSOMES, metabolism/
TRIIODOTHYRONINE
2389. Kononova LK: Vlianie elektricheskoi stimulatsii
razlichnykh oblastei gipotalamusa krysa na
funktsional'nuyu aktivnost'
gipofizarno-adrenokortikal'noi sistemy.
Probl Endocrinol (Mosk) 20:58-62, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ CORTICOSTERONE,
blood/ ELECTRIC STIMULATION/ ENGLISH
ABSTRACT/ FLUOROMETRY/
*HYPOTHALAMUS, physiology/ MALE/
PITUITARY-ADRENAL FUNCTION TESTS/
*PITUITARY-ADRENAL SYSTEM/ RATS
2390. Konstantinova B, Andreev A: Etude morphologique et
cytogenétique sur des malformations congénitales du
système génital chez l'homme.
Acta Univ Carol [Med Monogr] (Praha) 56:121-4, 1973
(Pre)
ADULT/ CYTOGENETICS/ *GENITALIA,
MALE, abnormalities/ GENITALIA, MALE,
embryology/ GESTATIONAL AGE/ GONADS,
embryology/ HUMAN/ KARYOTYPING/
MALE/ MULLERIAN DUCTS, pathology/
MULLERIAN DUCTS, surgery/ PHENOTYPE/

AUTHOR SECTION

PREGNANCY/ SEX CHARACTERISTICS/ SEX
CHROMATIN, analysis/ *SEX
DIFFERENTIATION DISORDERS

2391. Konstantinova B, Saeva G: Etude morphologique et cytogénétique sur des malformations congénitales du système génital chez la femme.
Acta Univ Carol [Med Monogr] (Praha) 56:115-9, 1973

(Fre)

ADOLESCENCE/ ADULT/ AMENORRHEA,
diagnosis/ CYTOGENETICS/ FEMALE/
*GENITALIA, FEMALE, abnormalities/
GENITALIA, FEMALE, embryology/ GONADS,
embryology/ HUMAN/ KARYOTYPING/
MOSAICISM/ PHENOTYPE/ PREGNANCY/
SEX CHROMATIN, analysis/ UTERUS,
abnormalities/ VAGINA, abnormalities

2392. Konturek S, Demitrescu T, Radecki T, et al: Wplyw metiamidu, antagonisty histaminowych H2-receptorów na wydzielanie żółdkowe.
Przegl Lek 31:298-302, 1974

(Pol)

ANIMAL EXPERIMENTS/
ANTI-HISTAMINICS, pharmacodynamics/
BETHANECHOL COMPOUNDS,
pharmacodynamics/ CAERULEIN,
pharmacodynamics/ CATS/ ENGLISH
ABSTRACT/ FEMALE/ *GASTRIC JUICE,
secretion/ HISTAMINE, pharmacodynamics/
IMIDAZOLES, pharmacodynamics/ MALE/
PENTAGASTRIN, pharmacodynamics/
PEPTONES, pharmacodynamics/ *RECEPTORS,
DRUG, drug effects/ SECRETORY RATE,
drug effects/ SULFIDES, pharmacodynamics/
*THIOUREA, pharmacodynamics

2393. Konturek SJ, Biernat J, Oleksy J: Effect of metiamide, a histamine H2-receptor antagonist, on gastric response to histamine, pentagastrin, insulin, and peptone meal in man. Am J Dig Dis 19:609-16, Jul 74

DEPRESSION, CHEMICAL/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ *DUODENAL ULCER,
metabolism/ GASTRIC ACIDITY
DETERMINATION/ *GASTRIC JUICE,
secretion/ HISTAMINE, administration &
dosage/ HISTAMINE, diagnostic use/ HUMAN/
IMIDAZOLES, pharmacodynamics/ INFUSIONS,
PARENTERAL/ INSULIN, administration &
dosage/ INSULIN, diagnostic use/
INTUBATION, GASTROINTESTINAL/
PENTAGASTRIN, administration & dosage/
PENTAGASTRIN, diagnostic use/ *PEPSIN,
secretion/ PEPTONES, administration &
dosage/ PEPTONES, diagnostic use/
SECRETORY RATE, drug effects/ SULFIDES,
pharmacodynamics/ *THIOUREA,
pharmacodynamics

2394. Koopmans R, Meijer S: Mandibular joint involvement in a case of Fanconi's syndrome with renal failure.
Int J Oral Surg 3:77-84, 1974

BICARBONATES, therapeutic use/
DIHYDROTACHYSTEROL, therapeutic use/
FEMALE/ HUMAN/ KIDNEY DISEASES, drug
therapy/ *KIDNEY DISEASES, familial &
genetic/ MANDIBLE, radiography/
MANDIBULAR CONDYLE, radiography/
MAXILLA, radiography/ RADIOGRAPHY,
PANORAMIC/ SYNDROME/
*TEMPOROMANDIBULAR JOINT, radiography/
TIME FACTORS

2395. Koppenfels R von, Frössler H: Angeborene und erworbene Teilungen des Os naviculare, der Patella und der Fussesambeine.
Arch Orthop Unfallchir 78:107-21, 30 Apr 74 (Ger)

*BONE AND BONES, abnormalities/ *BONE
DISEASES, diagnosis/ *CARPAL BONES,
radiography/ DIAGNOSIS, DIFFERENTIAL/
ENGLISH ABSTRACT/ FEMALE/ *FOOT/
FRACTURE FIXATION/ FRACTURES,
radiography/ *FRACTURES, SPONTANEOUS,
diagnosis/ HUMAN/ MALE/ NECROSIS/
*PATELLA, radiography/ PSEUDARTHROSIS,
diagnosis/ PSEUDARTHROSIS, surgery/
*SESAMOID BONES, radiography

2396. Kopsa H, Bettelheim H, Schmidt P, et al: Cortisonglaukom nach Nierentransplantation.
Dtsch Med Wochenschr 99:576-7, 22 Mar 74 (Ger)

ACETAZOLAMIDE, therapeutic use/
*CORTISONE, adverse effects/ CORTISONE,
therapeutic use/ ENGLISH ABSTRACT/
EXOPHTHALMOS/ *GLAUCOMA, chemically
induced/ GLAUCOMA, drug therapy/
GLAUCOMA, pathology/ GRAFT REJECTION/
HEPATIC COMA/ HUMAN/ INTRAOCULAR
PRESSURE, drug effects/ *KIDNEY,
transplantation/ MALE/ NEPHRITIS, surgery/
PILOCARPINE, therapeutic use/ PNEUMONIA/
POSTOPERATIVE COMPLICATIONS/
TRANSPLANTATION, HOMOLOGOUS/
TRANSPLANTATION IMMUNOLOGY

2397. Korabiec M: W sprawie lymphadenosis benigna cutis.
Przegl Dermatol 60:247-54, Mar-Apr 73 (Pol)

ADRENAL CORTEX HORMONES, therapeutic
use/ ADULT/ CHILD/ CHILD, PRESCHOOL/
DIAGNOSIS, DIFFERENTIAL/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/
LYMPHOMA/ LYMPHOMA, diagnosis/
LYMPHOMA, drug therapy/ LYMPHOMA,
radiotherapy/ MALE/ MIDDLE AGE/ *SKIN
NEOPLASMS/ SKIN NEOPLASMS, diagnosis/
SKIN NEOPLASMS, drug therapy/ SKIN
NEOPLASMS, radiotherapy

2398. Korach KS, Muldoon TG: Characterization of the interaction between 17 beta-estradiol and its cytoplasmic receptor in the rat anterior pituitary gland. Biochemistry 13:1932-8, 23 Apr 74

AGE FACTORS/ ANIMAL EXPERIMENTS/
BINDING SITES/ CASTRATION/
COMPARATIVE STUDY/ *CYTOPLASM,
metabolism/ *ESTRADIOL, metabolism/
FEMALE/ FREEZING/ HYDROCORTISONE,
metabolism/ HYPOTHALAMUS, metabolism/
KINETICS/ MALE/ MATHEMATICS/
PITUITARY GLAND, cytology/ *PITUITARY
GLAND, metabolism/ *RECEPTORS,
HORMONE/ SEX FACTORS/ TRITIUM/
UTERUS, metabolism

2399. Koranda FC, Dehmel EM, Kahn G, et al: Cutaneous complications in immunosuppressed renal homograft recipients. JAMA 229:419-24, 22 Jul 74

ACNE, chemically induced/ ALOPECIA,
chemically induced/ AZATHIOPRINE, adverse
effects/ CARCINOMA, BASAL CELL,
chemically induced/ CARCINOMA,
EPIDERMAL, chemically induced/ FEMALE/
HIRSUTISM, chemically induced/ HUMAN/
IMMUNOSUPPRESSIVE AGENTS,
administration & dosage/
*IMMUNOSUPPRESSIVE AGENTS, adverse
effects/ IMMUNOSUPPRESSIVE AGENTS,
therapeutic use/ *KIDNEY, transplantation/
MALE/ *POSTOPERATIVE COMPLICATIONS,
prevention & control/ PREDNISONE, adverse
effects/ *SKIN DISEASES, chemically induced/
SKIN DISEASES, INFECTIOUS, chemically
induced/ *SKIN NEOPLASMS, chemically
induced/ TIME FACTORS/
TRANSPLANTATION, HOMOLOGOUS/
WARTS, chemically induced

2400. Korányi L: Effects of adrenal steroids on brain function and behavior. Prog Brain Res 39:111-23, 1973

ADAPTATION, BIOLOGICAL/ ADRENAL
GLANDS, physiology/ AMYGDALOID BODY,
physiology/ ANIMAL EXPERIMENTS/
*BEHAVIOR, ANIMAL/ *BRAIN, physiology/
CATS/ *CORTICOSTERONE,
pharmacodynamics/ *CORTICOTROPIN,
pharmacodynamics/
ELECTROENCEPHALOGRAPHY/
ELECTROPHYSIOLOGY/ HABITUATION
(PSYCHOPHYSIOLOGY)/ HIPPOCAMPUS,
physiology/ HYPOTHALAMUS, physiology/
MALE/ MESENCEPHALON, physiology/ RATS

2401. Koreneva GP, Savello EM, Korenev IP, et al: Klinichna kharakterystyka khvorykh ta endokrynni zrushennia pry zapalenni prydatkiv matky.
Pediatr Akush Ginekol 3:53-6, 1973 (Ukr)

*ADNEXITIS, physiopathology/
DEHYDROEPIANDROSTERONE, urine/
ESTROGENS, urine/ FEMALE/ HUMAN/
17-KETOSTEROIDS, urine/ MENSTRUATION/
PREGNANEDIOL, urine/ TIME FACTORS

AUTHOR SECTION

2402. Korenevskaja MI: Izuchenie metafaznykh khromosom metodom flouoresentsii (obzor literatury. Probl Gematol Pereliv Krovi 19:56-60, Mar 74 (85 ref.) (Rus)
 *CHROMOSOMES, HUMAN, 4-5/
 *CHROMOSOMES, HUMAN, 6-12/
 *CHROMOSOMES, HUMAN, 19-20/
 *CHROMOSOMES, HUMAN, 21-22/
 *FLUORESCENCE/ FLUORESCENT DYES, diagnostic use/ HUMAN/ KARYOTYPING/ MITOSIS/ REVIEW/ *SEX CHROMOSOME ABNORMALITIES, diagnosis/ *SEX CHROMOSOMES/ STAINS AND STAINING
2403. Koretskaja IuM, Fedotova GA: Ob izmeneniiakh organa zreniia pri obshchei steroidnoi terapii v eksperimente. Vestn Oftalmol 2:45-7, Mar-Apr 74 (Rus)
 ANIMAL EXPERIMENTS/ BLOOD VESSELS, drug effects/ BLOOD VESSELS, pathology/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ *EYE, drug effects/ IRIS, blood supply/ IRIS, drug effects/ IRIS, pathology/ OPHTHALMOSCOPY/ PREDNISOLONE, administration & dosage/ *PREDNISOLONE, pharmacodynamics
2404. Kõrge PK, Smirnova TA, Roosson Sia, et al: Metabolicheskaia adaptatsiia miokarda k fizicheskoi nagruzke v zavisimosti ot ego funktsional'nogo sostoiianiia. Kardiologiia 14:66-72, Apr 74 (Rus)
 *ADAPTATION, PHYSIOLOGICAL/ ADENOSINE TRIPHOSPHATASE, metabolism/ ADRENAL CORTEX HORMONES, blood/ ANIMAL EXPERIMENTS/ CHLORINE, blood/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ *EXERTION/ GLYCOGEN, analysis/ *HEART, physiology/ MALE/ MICROSOMES, enzymology/ MUSCLES, analysis/ MYOCARDIUM, analysis/ MYOCARDIUM, cytology/ *MYOCARDIUM, metabolism/ PERIODICITY/ POTASSIUM, blood/ SODIUM, blood/ SWIMMING/ TIME FACTORS/ WATER-ELECTROLYTE BALANCE
2405. Korman MG, Hofmann AF, Summerskill WH: Assessment of activity in chronic active liver disease. Serum bile acids compared with conventional tests and histology. N Engl J Med 290:1399-402, 20 Jun 74
 ADOLESCENCE/ ADULT/ AGED/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ AZATHIOPRINE, therapeutic use/ BILIRUBIN, blood/ BIOPSY/ *CHOLIC ACID, blood/ CHRONIC DISEASE/ COMPARATIVE STUDY/ FEMALE/ GAMMA GLOBULIN, analysis/ HEPATITIS, blood/ *HEPATITIS, diagnosis/ HEPATITIS, drug therapy/ HEPATITIS, pathology/ HUMAN/ *LIVER, pathology/ *LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use/ RADIOIMMUNOASSAY/ RECURRENCE/ REMISSION/ SERUM ALBUMIN, analysis/ SULFOBROMOPHTHALEIN, diagnostic use
2406. Körner H: Humangenetische Beratung. I. Häufigkeit, Entstehung und das Wiederholungsrisiko angeborener Missbildungen. Zentralbl Gynaekol 96:257-66, 1 Mar 74 (Ger)
 ABNORMALITIES, etiology/ ABNORMALITIES, familial & genetic/ BERLIN/ CHROMOSOME ABERRATIONS/ CLEFT LIP, familial & genetic/ CLEFT PALATE, familial & genetic/ ENGLISH ABSTRACT/ ENVIRONMENT/ FAMILY PLANNING/ FEMALE/ *GENETIC COUNSELING/ GENETICS, POPULATION/ GENOTYPE/ GERMANY, EAST/ GESTATIONAL AGE/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ MALE/ MONGOLISM, familial & genetic/ PEDIGREE/ SEX CHROMOSOMES/ TIME FACTORS/ TRISOMY
2407. Korner FI: Key note address: Present concepts about the myocardium. Adv Cardiol 12:1-14, 1974 (61 ref.)
 ACTIN, physiology/ ADENOSINE, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, physiology/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CARDIAC OUTPUT/ CELL MEMBRANE PERMEABILITY, drug effects/ *CORONARY CIRCULATION, drug effects/ CORONARY VESSELS/ DIGITALIS GLYCOSIDES, pharmacodynamics/ HEART, anatomy & histology/ HEART, drug effects/ *HEART, physiology/ *HEART CONDUCTION SYSTEM/ HUMAN/ MEMBRANE POTENTIALS/ MYOCARDIUM, enzymology/ *MYOCARDIUM, metabolism/ MYOSIN, physiology/ REVIEW
2408. Korolikas A: Interação da serotonina e antagonistas com os receptores. Rev Paul Med 81:43-8, Jan 73 (Por)
 DRUG INTERACTIONS/ HALLUCINOGENS, pharmacodynamics/ *MUSCLE, SMOOTH, drug effects/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, pharmacodynamics
2409. Korr R, Vols-Boers U: Akutes Nierenversagen nach massiver Myolyse bei pseudomyopathischer Polymyositis. Dtsch Med Wochenschr 99:1084-7, 17 May 74 (Ger)
 AZATHIOPRINE, therapeutic use/ BIOPSY/ CASE REPORT/ CREATINE KINASE, metabolism/ ELECTROMYOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HEMODIALYSIS/ HUMAN/ KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY FAILURE, ACUTE, enzymology/ *KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, ACUTE, pathology/ KIDNEY FAILURE, ACUTE, therapy/ MUSCLES, pathology/ *MYOSITIS, complications/ MYOSITIS, drug therapy/ MYOSITIS, enzymology/ MYOSITIS, pathology/ PREDNISONE, therapeutic use
2410. Kosaka F: [Renal anatomy and physiology, (3). 2. Renal physiology] Jap J Anesthesiol 23:36-41, Jan 74 (Jap)
 BODY FLUIDS, physiology/ KIDNEY, anatomy & histology/ *KIDNEY, physiology/ URINE/ VASOPRESSIN, physiology
2411. Koschinsky T, Vogelberg KH, Gries FA: Therapie primärer Hyperlipoproteinämien des Typs IIa und IIb mit D-Thyroxin. Dtsch Med Wochenschr 99:494-6, 15 Mar 74 (Ger)
 ADMINISTRATION, ORAL/ ANGINA PECTORIS, drug therapy/ BODY WEIGHT/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA, drug therapy/ *LIPOPROTEINS, LDL, blood/ MALE/ PLACEBOS/ THYROXINE, administration & dosage/ THYROXINE, isolation & purification/ *THYROXINE, therapeutic use/ TRIGLYCERIDES, blood
2412. Koseki Y, Ito T, Nakaya S: [Distribution and excretion of 3H-esclon] Folia Pharmacol Jap 69:869-80, Nov 73 (Jap)
 ADMINISTRATION, ORAL/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BIOFLAVONOIDS, administration & dosage/ BIOFLAVONOIDS, blood/ *BIOFLAVONOIDS, metabolism/ BIOFLAVONOIDS, urine/ BRAIN, metabolism/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ FECES, analysis/ GUINEA PIGS/ KIDNEY, metabolism/ LIVER, metabolism/ MALE/ MYOCARDIUM, metabolism/ RATS/ TESTIS, metabolism/ TRITIUM
2413. Koseki Y, Koseki MT, Nakaya S: Proceedings: Effects of estradiol-17beta and progesterone on DNA synthesis in the uterus of the mouse. Jap J Pharmacol 24:Suppl:129, 1974
 ANIMAL EXPERIMENTS/ *DNA, biosynthesis/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *PROGESTERONE, pharmacodynamics/ TRITIUM/ UTERUS, drug effects/ *UTERUS, metabolism
2414. Kosowicz J, Gembicki M: Wyniki radioimmunologicznego oznaczania hormonu tyreotropowego w niedoczynności tarczycy. Pol Tyg Lek 29:597-9, 15 Apr 74 (Pol)

AUTHOR SECTION

- ENGLISH ABSTRACT/ HUMAN/
HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, immunology/
HYPOTHYROIDISM, physiopathology/
RADIOIMMUNOASSAY/ THYROID GLAND
FUNCTION TESTS/ *THYROTROPIN, blood
2415. Kosowicz J, Nauman J, Nauman A:
Radioimmunologiczne oznaczanie trójiodotyroniny w
niedoczynności i nadczynności tarczycy.
Pol Tyg Lek 29:557-9, 8 Apr 74 (Pol)
ADOLESCENCE/ ADULT/ ANTIBODY
FORMATION/ ANTIBODY SPECIFICITY/
ENGLISH ABSTRACT/ HUMAN/
*HYPERTHYROIDISM, blood/
*HYPOTHYROIDISM, blood/ MIDDLE AGE/
RADIOIMMUNOASSAY/ THYROID DISEASES,
immunology/ *TRIIODOTHYRONINE, blood
2416. Kosowicz J, Skalba P: Radioimmunologiczna metoda
oznaczania gonadotropiny kosmówkowej.
Ginek Pol 45:877-82, Jun 74 (Pol)
ANTIBODIES, analysis/ ENGLISH ABSTRACT/
FEMALE/ *GONADOTROPINS, CHORIONIC,
analysis/ GONADOTROPINS, CHORIONIC,
blood/ GONADOTROPINS, CHORIONIC, urine/
GUINEA PIGS, immunology/ HUMAN/
RABBITS, immunology/
RADIOIMMUNOASSAY/ TIME FACTORS
2417. Kostowski W, Valzelli L: Biochemical and behavioral
effects of lesions of raphe nuclei in aggressive mice.
Pharmacol Biochem Behav 2:277-80, Mar-Apr 74
*AGGRESSION/ ANIMAL EXPERIMENTS/
*BRAIN, metabolism/ BRAIN CHEMISTRY/
HYDROXYINDOLEACETIC ACID, analysis/
*HYDROXYINDOLEACETIC ACID, metabolism/
MALE/ *MESENCEPHALON, physiology/
MICE/ SEROTONIN, analysis/ SEROTONIN,
metabolism/ *SOCIAL ISOLATION
2418. Kotilarov EV, Egorenkov AN: Radioizotopnoe
issledovanie neorganicheskoi i organicheskoi faz
vnutritsireoidnogo etapa fiodinogo obmena.
Med Radiol (Mosk) 18:12-5, Aug 73 (Rus)
ENGLISH ABSTRACT/ GOITER,
EXOPHTHALMIC, diagnosis/ *GOITER,
EXOPHTHALMIC, metabolism/ HUMAN/
HYPOTHYROIDISM, diagnosis/
*HYPOTHYROIDISM, metabolism/ IODINE,
metabolism/ IODINE ISOTOPES, DIAGNOSTIC/
RADIOISOTOPE SCANNING/ TECHNETIUM,
diagnostic use/ *THYROID GLAND,
metabolism
2419. Kotova SA: Statevyi khromatyn u iadrah klityn
slyzovoi obolonky porozhnyy rota i nefrofil'nykh
leikotsytiv peryferchnoi krov'i u zhinok z pervynnoi
neplidnisti. Pediatr Akush Ginek 3:52-3, 1973 (Ukr)
ADNEXITIS, pathology/ ADULT/ *CELL
NUCLEUS, analysis/ CHRONIC DISEASE/
FEMALE/ HUMAN/ *MOUTH MUCOSA,
cytology/ *NEUTROPHILS, cytology/ *SEX
CHROMATIN, analysis/ *STERILITY, FEMALE,
pathology
2420. Kottke K, Friedrich F, Pohloudek-Fabini R: Zum
Nachweis der Rhodangruppe in organischen
Rhodanverbindungen und Sulfensäurerhodaniden. 47.
Über organische Rhodanverbindungen.
Pharmazie 28:736-7, Nov-Dec 73 (Ger)
CHEMISTRY/ OKSIDATION-REDUCTION/
PYRIDINES/ SPECTROPHOTOMETRY,
INFRARED/ SULFIDES/ SULFITES/
*SULFURIC ACIDS, analysis/
*THIOCYANATES, analysis
2421. Koulischer L, Schoysman R: Chromosomes and human
infertility. I. Mitotic and meiotic chromosome studies
in 202 consecutive male patients.
Cln Genet 5:116-26, 1974
ADULT/ AUTOSOME ABNORMALITIES,
complications/ AUTOSOME ABNORMALITIES,
familial & genetic/ BIOPSY/ *CHROMOSOME
ABERRATIONS/ CHROMOSOMES, HUMAN,
13-15/ CHROMOSOMES, HUMAN, 21-22/
HUMAN/ KARYOTYPING/ KLINEFELTER'S
SYNDROME, familial & genetic/ MALE/
MEIOSIS/ MITOSIS/ SEX CHROMOSOME
ABNORMALITIES, complications/ *SEX
- CHROMOSOME ABNORMALITIES, familial &
genetic/ *SEX CHROMOSOMES/ STERILITY,
MALE, etiology/ *STERILITY, MALE, familial
& genetic/ TESTIS, cytology/ TESTIS,
pathology
2422. Kováč T, Lepšánović L: Danasnja diabetologija i njene
perspektive. Med Pregl 26:273-9, 1973 (Ser)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ADENYL CYCLASE, metabolism/
CELL MEMBRANE PERMEABILITY/
*DIABETES MELLITUS/ DIABETES
MELLITUS, metabolism/ HUMAN/ INSULIN,
secretion/ PANCREAS, metabolism/
PEPTIDES, metabolism/ PROINSULIN,
metabolism
2423. Kovács A, Kelemen K: The effect of PGE1, PGE2 and
celluline A on the isolated organs of Helix pomatia L.
Pol J Pharmacol Pharm 26:243-7, Jan-Apr 74
ANIMAL EXPERIMENTS/ *CALCIUM,
pharmacodynamics/ HEART, drug effects/
PENIS, drug effects/ PROSTAGLANDINS,
administration & dosage/ *PROSTAGLANDINS,
pharmacodynamics/ SKIN/ SNAILS/ *TISSUE
EXTRACTS, pharmacodynamics
2424. Kovacs K, Horvath E, Stratmann IE, et al: Cytoplasmic
microfilaments in the anterior lobe of the human
pituitary gland. Acta Anat (Basel) 87:414-26, 1974
ACROMEGALY, etiology/ ADENOMA,
EOSINOPHILIC, complications/ *CYTOPLASM/
CYTOPLASMIC GRANULES/ ENDOPLASMIC
RETICULUM/ FEMALE/ GLUCOCORTICIDS,
pharmacodynamics/ GOLGI APPARATUS/
HUMAN/ HYPOPITUITARISM, etiology/
MICROSCOPY, ELECTRON/ MITOCHONDRIA/
*PITUITARY GLAND, cytology/ PITUITARY
GLAND, drug effects/ PITUITARY
NEOPLASMS, complications
2425. Kovalev GV, Gofman SM, Ivanovskaja SV, et al:
Zavisimost' mezhdru khimicheskimi stroenim i
glipotenizivnoi aktivnost'ju v rjad novykh
prolzvodnykh benzimidazolai khinoksaline.
Farmakol Toksikol 36:232-8, Mar-Apr 73 (Rus)
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ *ANTHYPERTENSIVE
AGENTS/ BENZIMIDAZOLES/
BENZIMIDAZOLES, adverse effects/
BENZIMIDAZOLES, pharmacodynamics/
*BENZIMIDAZOLES, therapeutic use/ BLOOD
PRESSURE, drug effects/ CATS/ CEREBRAL
ISCHEMIA, TRANSIENT, chemically induced/
COMPARATIVE STUDY/ DOGS/ ENGLISH
ABSTRACT/ HYPERTENSION, chemically
induced/ *HYPERTENSION, drug therapy/
MOLECULAR WEIGHT/
PARASYMPATHOLYTICS, pharmacodynamics/
PARASYMPATHOLYTICS, therapeutic use/
PITUITARY HORMONES, POSTERIOR/
POTASSIUM CHLORIDE/ QUINOXALINES/
QUINOXALINES, pharmacodynamics/
*QUINOXALINES, therapeutic use/ RABBITS/
RATS/ REFLEX, drug effects/ RESPIRATION,
drug effects
2426. Kovaleva LG: Printsipy sovremennoi tsitostatischei
terapii ostrogo leikotsitoza.
Sov Med 36:111-6, Aug 73 (34 ref.) (Rus)
ACUTE DISEASE/ *ADRENAL CORTEX
HORMONES, therapeutic use/
*ANTINEOPLASTIC AGENTS, therapeutic use/
DRUG THERAPY, COMBINATION/ HUMAN/
IMMUNOSUPPRESSIVE AGENTS, adverse
effects/ INFECTION, prevention & control/
INJECTIONS, INTRAMUSCULAR/
INJECTIONS, INTRAVENOUS/ *LEUKEMIA/
LEUKEMIA, drug therapy/
MERCAPTOPURINE, administration & dosage/
METHODS/ METHOTREXATE, administration
& dosage/ MITOSIS, drug effects/
PREDNISOLONE, administration & dosage/
REMISSION/ REVIEW/ TIME FACTORS/
VINCRISTINE, administration & dosage
2427. Kovi J, Agbata A: Letter: Benign neural invasion in
vasitis nodosa. JAMA 228:1519, 17 Jun 74
HUMAN/ MALE/ *TESTICULAR DISEASES,

AUTHOR SECTION

- etiology/ *VAS DEFERENS, pathology/
*VASECTOMY, adverse effects
2428. Kovi J, Jackson AG, Jackson MA, et al: Solitary epididymal metastasis from carcinoma of prostate. *Urology* 3:644-5, May 74
AGED/ BLADDER, surgery/ BLADDER NECK OBSTRUCTION, etiology/ CARCINOMA, complications/ CARCINOMA, diagnosis/ *CARCINOMA, pathology/ CASTRATION/ DIETHYLSTILBESTROL, therapeutic use/ *EPIDIDYMIS, pathology/ HUMAN/ HYALIN SUBSTANCE, metabolism/ HYPERPLASIA, pathology/ LEYDIG CELLS/ LYMPHATIC METASTASIS/ MALE/ NEOPLASM METASTASIS/ PALPATION/ PROSTATIC NEOPLASMS, complications/ PROSTATIC NEOPLASMS, diagnosis/ PROSTATIC NEOPLASMS, drug therapy/ *PROSTATIC NEOPLASMS, pathology/ URINATION DISORDERS, etiology/ UROGRAPHY
2429. Kovtunlak MA, Meshchishen IF, Tsapok PI, et al: Protsey hilkolizu v pechintsi tyreoidektomovanykh shchuriv. *Ukr Blokhim Zh* 46:178-80, Mar-Apr 74 (Ukr)
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ ENGLISH ABSTRACT/ FRUCTOSEPHOSPHATES/ GLUCOKINASE, metabolism/ GLUCOSEPHOSPHATASE, metabolism/ *GLYCOLYSIS/ HEXOSEDIPHOSPHATASE, metabolism/ LACTATES, metabolism/ LIVER, enzymology/ *LIVER, metabolism/ LIVER GLYCOGEN, metabolism/ MALE/ RATS/ *THYROID GLAND, physiology/ THYROIDECTOMY
2430. Kowalewski K, Kolodej A: Effect of prostaglandin-E2 on gastric secretion and on gastric circulation of totally isolated ex vivo canine stomach. *Pharmacology* 11:85-94, 1974
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CARBON DIOXIDE, metabolism/ DOGS/ GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, secretion/ HISTAMINE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ OXYGEN CONSUMPTION, drug effects/ PEPsin, secretion/ PERFUSION/ *PROSTAGLANDINS, pharmacodynamics/ REGIONAL BLOOD FLOW, drug effects/ *STOMACH, blood supply/ VASCULAR RESISTANCE, drug effects
2431. Kozhechkin SN: Mikroinonoforeticheskie izucheniye vliyaniya biogennykh aminov na aktivnost' nefronov zritel'noy kory krolika. *Neirofiziolgiya* 6:253-9, May 74 (Rus)
*ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BIOGENIC AMINES, pharmacodynamics/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ EVOKED POTENTIALS, drug effects/ IONTOPHORESIS/ MICROINJECTIONS/ NEURONS, drug effects/ *NOREPINEPHRINE, pharmacodynamics/ *SEROtonin, pharmacodynamics/ STIMULATION, CHEMICAL/ *VISUAL CORTEX, drug effects
2432. Kozhukharova L: Dokazvane na normalni (nespetsifichni) antitela v tehnost ot ovarialni tsisti pri kravi. *Vet Med Nauki* 10:23-8, 1973 (Bul)
ANIMAL EXPERIMENTS/ *ANTIBODIES, isolation & purification/ ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ *CATTLE DISEASES, immunology/ ENGLISH ABSTRACT/ *EXUDATES AND TRANSUDATES, immunology/ FEMALE/ HEMAGGLUTINATION TESTS/ OVARIAN CYSTS, immunology/ *OVARIAN CYSTS, veterinary
2433. Kozlov VA, Kolesnikova SM, Trufakin VA: Vliyaniye kletok timusa, rezistentnykh k defektu gidrokortizona, na proliferatsiyu stvolovykh krovetvornykh kletok. *Dokl Akad Nauk SSSR* 216:438-40, 11 Mar 74 (Rus)
ANIMAL EXPERIMENTS/ *BONE MARROW CELLS, transplantation/ CELL DIVISION/ *HEMATOPOIETIC STEM CELLS/ HYBRIDIZATION/ *HYDROCORTISONE, pharmacodynamics/ *LYMPHOCYTE TRANSFORMATION/ MICE/ MICE, INBRED C57BL/ *RADIATION INJURIES, EXPERIMENTAL, therapy/ *THYMUS GLAND, transplantation/ TRANSPLANTATION, HOMOLOGOUS
2434. Kozłowska K: The effect of corticotrophine and cortisone on arylsulphatase activity in stomach mucosa of rats. *Endokrinologie* 62:359-62, 1973
ANIMAL EXPERIMENTS/ *CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, pharmacodynamics/ *CORTISONE, administration & dosage/ CORTISONE, pharmacodynamics/ GASTRIC MUCOSA, drug effects/ *GASTRIC MUCOSA, enzymology/ INJECTIONS, INTRAPERITONEAL/ MALE/ RATS/ *SULFATASES, analysis
2435. Kozłowski J, Kokoszczynska I: Wady rozwojowe skóry uwarunkowane aberacjami chromosomalnymi. *Przegl Dermatol* 61:227-34, Mar-Apr 74 (Pol)
ABNORMALITIES, MULTIPLE, etiology/ ANEMIA, APLASTIC, etiology/ ANEMIA, APLASTIC, familial & genetic/ ATAXIA TELANGIECTASIA, etiology/ AUTOSOME ABNORMALITIES/ *CHROMOSOME ABERRATIONS/ *CHROMOSOME ABNORMALITIES/ CYTOGENETICS/ DWARFISM, etiology/ ERYTHEMA, etiology/ FACIAL DERMATOSES, etiology/ FEMALE/ HUMAN/ KARYOTYPING/ PREGNANCY/ SEX DETERMINATION/ *SKIN DISEASES, etiology/ SYNDROME/ *TELANGIECTASIS, etiology
2436. Kraatz G, Linke A: Intrahepatische Cholestase nach Ovariotomie. *Z Aerzt Fortbild (Jena)* 67:1194-6, 1 Dec 73 (Ger)
ATROPINE, therapeutic use/ *BILE DUCTS, INTRAHEPATIC, drug effects/ *CHLORMADINONE, adverse effects/ CHLORMADINONE, therapeutic use/ *CHOLESTASIS, chemically induced/ CHOLESTASIS, diagnosis/ CHOLESTASIS, drug therapy/ DIET THERAPY/ DRUG COMBINATIONS/ DYSMENORRHEA, drug therapy/ FEMALE/ FRUCTOSE, therapeutic use/ HUMAN/ *MESTRANOL, adverse effects/ MESTRANOL, therapeutic use/ PARASYMPATHOLYTICS, therapeutic use/ PREDNISONE, therapeutic use/ SORBITOL, therapeutic use/ VITAMIN B COMPLEX, therapeutic use
2437. Kralcer J, Hymer WC: Purified somatotrophs from rat adenohipophysis: response to secretagogues. *Endocrinology* 94:1525-30, Jun 74
ANIMAL EXPERIMENTS/ CELL COUNT/ CENTRIFUGATION, DENSITY GRADIENT/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ HYPOTHALAMUS/ MALE/ *PITUITARY GLAND, analysis/ PITUITARY GLAND, cytology/ RATS/ *SOMATOTROPIN, isolation & purification/ TISSUE EXTRACTS, pharmacodynamics
2438. Kramen MA: Implantation in rats treated neonatally with testosterone propionate. *J Reprod Fertil* 38:461-3, Jun 74
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, physiology/ CASTRATION/ CORPUS LUTEUM/ FEMALE/ HYPOPHYSECTOMY/ LAPAROTOMY/ *NIDATION/ OVARY, physiology/ OVULATION/ PITUITARY GLAND, physiology/ PLACENTA/ PROGESTERONE, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics/ UTERUS, drug effects/ VAGINAL SMEARS
2439. Kramer HJ, Gonick HC: Effect of extracellular volume expansion on renal Na-K-ATPase and cell metabolism. *Nephron* 12:281-96, 1974
*ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ DESOXYCORTICOSTERONE,

AUTHOR SECTION

- pharmacodynamics/ EDTA, pharmacodynamics/
*EXTRACELLULAR SPACE/ INJECTIONS,
INTRAVENOUS/ IODINE RADIOISOTOPES/
IOTHALAMIC ACID, administration & dosage/
ISOTONIC SOLUTIONS/ *KIDNEY,
metabolism/ KIDNEY CORTEX, enzymology/
KIDNEY MEDULLA, enzymology/
MAGNESIUM/ MALE/ MICROSOMES,
enzymology/ MITOCHONDRIA, metabolism/
OXYGEN CONSUMPTION/ POTASSIUM/
SODIUM, urine/ SODIUM CHLORIDE,
administration & dosage
2440. Kramer HJ, Srour M, Bourdy H, et al: Zur Rolle des Aldosteron bei chronischer Niereninsuffizienz. Verh Dtsch Ges Inn Med 79:759-63, 1973 (Ger)
*ALDOSTERONE/ ALDOSTERONE, blood/
GLOMERULAR FILTRATION RATE/ HUMAN/
*KIDNEY FAILURE, CHRONIC,
physiopathology/ NATRIURESIS/ POTASSIUM,
urine
2441. Kramer RM, Holdaway IM, Rees LH, et al: Technical aspects of the redox bioassay for luteinizing hormone. Clin Endocrinol (Oxf) 3:375-81, Jul 74
ANIMAL EXPERIMENTS/ *BIOLOGICAL
ASSAY/ EVALUATION STUDIES/ FEMALE/
IN VITRO/ *LH, blood/ METHODS/ ORGAN
WEIGHT/ OVARY, drug effects/ TIME
FACTORS
2442. Kramer RM, Holdaway IM, Rees LH, et al: Proceedings: Modifications of the redox bioassay of luteinizing hormones. N Engl J Med 291:ix, 11 Jun 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ COMPARATIVE STUDY/ CORPUS
LUTEUM/ FEMALE/ *LH, analysis/
METHODS/ SPECIES SPECIFICITY/ TIME
FACTORS
2443. Krantz SB: Annotation: pure red cell aplasia. Br J Haematol 25:1-6, Jul 73 (29 ref.)
*ANEMIA, APLASTIC/ ANEMIA, APLASTIC,
congenital/ ANEMIA, APLASTIC,
drug therapy/ ANEMIA, APLASTIC, etiology/
ANEMIA, APLASTIC, immunology/ ANEMIA,
APLASTIC, metabolism/ ANEMIA, APLASTIC,
therapy/ ANIMAL EXPERIMENTS/
ANTIGEN-ANTIBODY COMPLEX/
ANTINUCLEAR FACTORS/ BONE MARROW
CELLS, metabolism/ CYCLOPHOSPHAMIDE,
therapeutic use/ ERYTHROCYTES,
ABNORMAL/ *ERYTHROPOIESIS/
ERYTHROPOIETIN, pharmacodynamics/ HEME,
biosynthesis/ HUMAN/ IGG/
MERCAPTOPYRINE, therapeutic use/
PREDNISONE, therapeutic use/ REVIEW/
STIMULATION, CHEMICAL/ THYMECTOMY/
THYMOMA, complications
2444. Krasnovskaja IA: Izmenenija gipotalamo-gipofizarnoi neirosekretnoi sistemy u drys v usloviakh dlitel'noi gipoksii. Probl Endokrinol (Mosk) 20:53-7, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ *ANOXIA,
physiopathology/ CELL NUCLEUS/ ENGLISH
ABSTRACT/ HYPOTHALAMO-HYPOPHYSEAL
SYSTEM, innervation/
HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
pathology/ *HYPOTHALAMO-HYPOPHYSEAL
SYSTEM, physiopathology/ MALE/
*NEUROSECRETORY SYSTEMS,
physiopathology/ NISSL BODIES/ RATS
2445. Kratochvil A, Evers R: Möglichkeiten und Grenzen der Ultraschalldiagnostik. Geburtshilfe Frauenheilkd 34:210-2, Mar 74 (Ger)
BIOMETRY/ BREAST NEOPLASMS, diagnosis/
DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC
ERRORS/ FEMALE/ FETAL DISEASES,
diagnosis/ GYNECOLOGIC NEOPLASMS,
diagnosis/ HUMAN/ PERITONEAL
NEOPLASMS, diagnosis/ PLACENTA
DISORDERS, diagnosis/ PRENATAL
DIAGNOSIS/ *ULTRASONICS, diagnostic use
2446. Krause DK, Kaufmann W: Plasma-Reninkonzentration während einer durch Pneumoencephalographie induzierten Hypokaliämie. Verh Dtsch Ges Inn Med 79:754-7, 1973 (Ger)
ADOLESCENCE/ ADULT/ AGED/ FEMALE/
HUMAN/ *HYPOKALEMIA, blood/
HYPOKALEMIA, etiology/ MALE/ MIDDLE
AGE/ *PNEUMOENCEPHALOGRAPHY, adverse
effects/ *RENIN, blood/ SPINAL PUNCTURE
2447. Krause EG, Will H, Felouch V, et al: Cyclic AMP-dependent protein kinase activity in a cell membrane-enriched subcellular fraction of pig myocardium. Acta Biol Med Ger 31:k37-43, 1973
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ADENOSINE MONOPHOSPHATE,
pharmacodynamics/ ADENOSINE
TRIPHOSPHATASE, pharmacodynamics/
ADENOSINE TRIPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CALCIUM, pharmacodynamics/
CATECHOLAMINES, physiology/ CELL
MEMBRANE, enzymology/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ MAGNESIUM, pharmacodynamics/
MOLECULAR WEIGHT/ *MYOCARDIUM,
enzymology/ PHOSPHATES/ PROTEIN
KINASE, antagonists & inhibitors/ *PROTEIN
KINASE, metabolism/ SUBCELLULAR
FRACTIONS/ SWINE/ TIME FACTORS
2448. Kravis TC, Zvalfler NJ: Alteration of rabbit PCA reaction by drugs known to influence intracellular cyclic AMP. J Immunol 113:244-50, Jul 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/
ADRENALECTOMY/ *AMINOPHYLLINE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BLOOD PRESSURE, drug effects/
*HISTAMINE, pharmacodynamics/
*HYPERSENSITIVITY, IMMEDIATE,
immunology/ *ISOPROTERENOL,
pharmacodynamics/ OVALBUMIN/ *PASSIVE
CUTANEOUS ANAPHYLAXIS, drug effects/
*PROPRANOLOL, pharmacodynamics/
*PROSTAGLANDINS, pharmacodynamics/
RABBITS
2449. Krawczuk A, Sipowicz I, Sikorski TK: Cortisol and cortisol binding characteristics in girls with "cushingoid" syndrome. Endokrinologie 62:350-8, 1973
ADOLESCENCE/ ADULT/ CIRCADIAN
RHYTHM/ *CUSHING'S SYNDROME, blood/
CUSHING'S SYNDROME, drug therapy/
CUSHING'S SYNDROME, urine/
DEXAMETHASONE, diagnostic use/
ESTROGENS, therapeutic use/ FEMALE/
HUMAN/ *HYDROCORTISONE, blood/
HYDROCORTISONE, urine/ SEX FACTORS
2450. Krawczyńska H, Wojcieszek I: Zachowanie się jodu związanego z białkami surowicy (PBI) oraz testu wychwytu żywcowego trójiodotyroniny (WZT3) pod wpływem wysiłku fizycznego. Endokrynol Pol 25:117-31, Mar-Apr 74 (Pol)
ADULT/ ENGLISH ABSTRACT/ *EXERTION/
HUMAN/ MALE/ *PROTEIN-BOUND IODINE
TEST/ THYROID HORMONES, blood/ TIME
FACTORS/ *TRIIODOTHYRONINE, metabolism
2451. Krawitt EL: Effect of acute ethanol administration on duodenal calcium transport. Proc Soc Exp Biol Med 148:406-8, Jun 74
*ALCOHOL, ETHYL, pharmacodynamics/
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT, drug effects/ *CALCIUM,
metabolism/ DEPRESSION, CHEMICAL/
DUODENUM, drug effects/ *DUODENUM,
metabolism/ IN VITRO/ INJECTIONS,
INTRAPERITONEAL/ MALE/ TIME FACTORS
2452. Krejčí L, Krejčová H: Effects of I.D.U. and corticosteroids on corneal epithellum. Can J Ophthalmol 9:221-4, Apr 74
ANIMAL EXPERIMENTS/ CORNEA, cytology/
*CORNEA, drug effects/ DEOXYURIDINE,
toxicity/ DRUG THERAPY, COMBINATION/
EPITHELIAL CELLS, cytology/ EPITHELIUM,
drug effects/ *IDOXURIDINE,
pharmacodynamics/ *PREDNISOLONE,
pharmacodynamics/ PREDNISOLONE, toxicity/
TIME FACTORS/ TISSUE CULTURE

AUTHOR SECTION

2453. **Kremer J:** Contraceptie bij minderjarigen. Ned Tijdschr Geneesk 118:1009-15, 29 Jun 74 (Dut)
*CONTRACEPTION/ CONTRACEPTIVE AGENTS/ CONTRACEPTIVE DEVICES, utilization/ CONTRACEPTIVES, ORAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE
2454. **Kremers P, Denoel J, Lapiere CL:** Synthesis and study of the labeling of pregnenolone and progesterone specifically tritiated at the 17 position. Steroids 23:603-13, Apr 74
ADRENAL GLANDS, cytology/ ADRENAL GLANDS, metabolism/ BROMINE/ CARBON ISOTOPES/ CARBON RADIOISOTOPES/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ DEUTERIUM/ DRUG STABILITY/ FLAVOBACTERIUM, metabolism/ HYDROGEN-ION CONCENTRATION/ ISOTOPE LABELING/ MITOCHONDRIA, metabolism/ NUCLEAR MAGNETIC RESONANCE/ *PREGNENOLONE, chem synthesis/ PREGNENOLONE, metabolism/ *PROGESTERONE, chem synthesis/ SPECTROPHOTOMETRY, INFRARED/ SPECTRUM ANALYSIS, MASS/ TEMPERATURE/ TRITIUM/ ZINC
2455. **Krieger DT:** Glandular end organ deficiency associated with secretion of biologically inactive pituitary peptides. J Clin Endocrinol Metab 38:964-75, Jun 74
ADULT/ ALDOSTERONE, secretion/ BIOLOGICAL ASSAY/ CIRCADIAN RHYTHM/ *CORTICOTROPIN, blood/ CORTICOTROPIN, diagnostic use/ DEXAMETHASONE, diagnostic use/ HUMAN/ HYDROCORTISONE, blood/ HYPOGLYCEMIA/ IMMUNOASSAY/ INSULIN, diagnostic use/ MALE/ PITUITARY-ADRENAL FUNCTION TESTS/ PITUITARY GLAND, physiology/ SOMATOTROPIN, blood/ TESTIS, physiology/ TESTOSTERONE, blood/ THYROID GLAND, physiology/ *THYROTROPIN, blood/ THYROTROPIN, diagnostic use/ THYROTROPIN RELEASING HORMONE, pharmacodynamics/ TRIIODOTHYRONINE, blood/ TRYPSIN/ VASOPRESSIN, diagnostic use
2456. **Krieger DT, Gewirtz GP:** The nature of the circadian periodicity and suppressibility of immunoreactive ACTH levels in Addison's disease. J Clin Endocrinol Metab 39:46-52, Jul 74
*ADDISON'S DISEASE, physiopathology/ ANTIGENS/ *CIRCADIAN RHYTHM/ *CORTICOTROPIN, blood/ DEXAMETHASONE, pharmacodynamics/ FEEDBACK/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, pharmacodynamics
2457. **Krieger DT, Gewirtz GP:** Recovery of hypothalamic-pituitary-adrenal function, growth hormone responsiveness and sleep EEG pattern in a patient following removal of an adrenal cortical adenoma. J Clin Endocrinol Metab 38:1075-82, Jun 74
ADENOMA, complications/ ADRENAL GLAND NEOPLASMS, complications/ CIRCADIAN RHYTHM/ *CORTICOTROPIN, blood/ CORTICOTROPIN, diagnostic use/ CUSHING'S SYNDROME, etiology/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ INSULIN, diagnostic use/ MIDDLE AGE/ SECRETORY RATE/ *SLEEP/ SLEEP, REM/ *SOMATOTROPIN, blood/ VASOPRESSIN, diagnostic use
2458. **Krivoy WA, Zimmermann E, Lande S:** Facilitation of development of resistance to morphine analgesia by desglycinamide-L-lysine vasopressin. Proc Natl Acad Sci USA 71:1852-6, May 74
AMIDES/ *ANALGESICS AND ANTIPYRETICS/ ANIMAL EXPERIMENTS/ *DRUG RESISTANCE/ FEMALE/ GLYCINE/ LYSINE/ MICE, INBRED STRAINS/ *MORPHINE/ *PEPTIDES, pharmacodynamics/ REACTION TIME, drug effects/ *VASOPRESSIN, pharmacodynamics
2459. **Krober M:** Use of corticosteroids in the treatment of infectious diseases. South Med J 67:728-32, Jun 74 (79 ref.)
ADRENAL GLAND HYPOFUNCTION, chemically induced/ ADRENAL GLAND HYPOFUNCTION, complications/ ADRENAL GLAND HYPOFUNCTION, drug therapy/ BRONCHIOLITIS, VIRAL, drug therapy/ *COMMUNICABLE DISEASES, drug therapy/ GLUCOCORTICOIDS, adverse effects/ *GLUCOCORTICOIDS, therapeutic use/ HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ LARYNGITIS, drug therapy/ MENINGITIS, drug therapy/ REVIEW/ SHOCK, ENDOTOXIC, drug therapy
2460. **Kroeger EA, Marshall JM:** Beta-adrenergic effects on rat myometrium: role of cyclic AMP. Am J Physiol 226:1298-303, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DRUG INTERACTIONS/ FEMALE/ *IPROVERATRIL, pharmacodynamics/ *ISOPROTERENOL, pharmacodynamics/ LANTHANUM, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ *PAPAVERINE, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ TEMPERATURE/ *UTERUS, drug effects/ UTERUS, metabolism
2461. **Krokowski E:** Osteoporoseschutz bei Corticoidbehandlung durch Natriumfluorid. Med Klin 69:437-41, 8 Mar 74 (Ger)
*ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ ASTHMA, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ *FLUORIDES, therapeutic use/ HUMAN/ LONG TERM CARE/ MALE/ MIDDLE AGE/ OSTEOPOROSIS, chemically induced/ *OSTEOPOROSIS, prevention & control/ SODIUM, therapeutic use
2462. **Krstić R:** Ultrastructure of rat pineal gland after preparation by freeze-etching technique. Cell Tissue Res 148:371-9, 30 Apr 74
ANIMAL EXPERIMENTS/ AXONS/ CELL NUCLEUS/ ELECTRICITY/ ENDOPLASMIC RETICULUM/ EPINEPHRINE/ *FREEZE ETCHING/ GOLGI APPARATUS/ MALE/ MICROSCOPY, ELECTRON/ NERVE ENDINGS, cytology/ *PINEAL BODY, cytology/ PINOCYTOSIS/ *RATS, anatomy & histology/ SCHWANN CELLS, cytology/ SEROTONIN/ SYNAPTIC VESICLES
2463. **Krueger GR:** Morphology of chemical immunosuppression. Adv Pharmacol Chemother 10:1-90, 1972 (322 ref.)
ALKYLATING AGENTS, pharmacodynamics/ ANTIBIOTICS, pharmacodynamics/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS, drug effects/ ANTINEOPLASTIC AGENTS, pharmacodynamics/ AUTOIMMUNE DISEASES, therapy/ BINDING SITES, ANTIBODY/ ENZYMES, pharmacodynamics/ HORMONES, pharmacodynamics/ HUMAN/ HYDRAZINES, pharmacodynamics/ IMMUNOLOGIC DISEASES/ *IMMUNOSUPPRESSION, adverse effects/ *IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ INFECTION, drug therapy/ MITOSIS, drug effects/ MOLECULAR BIOLOGY/ MYCOPHENOLIC ACID, pharmacodynamics/ NEOPLASMS, therapy/ NITROSOUREA COMPOUNDS, pharmacodynamics/ POLY I-C, pharmacodynamics/ PYRANS, pharmacodynamics/ REVIEW/ TRANSPLANTATION, HOMOLOGOUS
2464. **Krueger P:** Lymphographie: Technik und Indikation aus chirurgischer Sicht. Zentralbl Chir 99:361-8, 22 Mar 74 (Ger)
BLADDER NEOPLASMS, radiography/ COLONIC NEOPLASMS, radiography/

AUTHOR SECTION

- CONTRAST MEDIA/ DISGERMINOMA, radiography/ FEMALE/ HODGKIN'S DISEASE, radiography/ HUMAN/ LYMPHATIC METASTASIS/ *LYMPHOGRAPHY, instrumentation/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS, radiography/ RETROPERITONEAL SPACE, radiography/ TESTICULAR NEOPLASMS, radiography
2465. Krulich L, Quijada M, Hefco E, et al: Localization of thyrotropin-releasing factor (TRF) in the hypothalamus of the rat. *Endocrinology* 95:9-17, Jul 74
ANIMAL EXPERIMENTS/ HISTOCYTOCHEMISTRY/ *HYPOTHALAMUS, analysis/ IN VITRO/ MALE/ PITUITARY GLAND, metabolism/ RADIOIMMUNOASSAY/ THYROTROPIN, metabolism/ *THYROTROPIN RELEASING HORMONE, analysis/ TISSUE EXTRACTS
2466. Krul S, Starzyński S, Zaleska-Rutczyńska Z, et al: The role of testosterone in developing chloroform-induced renal tubular necrosis in mice. *Nephron* 12:275-80, 1974
ANIMAL EXPERIMENTS/ CASTRATION/ *CHLOROFORM/ CHLOROFORM, administration & dosage/ ESTRADIOL, administration & dosage/ ESTRADIOL, pharmacodynamics/ FEMALE/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, SUBCUTANEOUS/ *KIDNEY FAILURE, ACUTE, chemically induced/ KIDNEY FAILURE, ACUTE, pathology/ MALE/ MICE, INBRED STRAINS/ SEX FACTORS/ TESTOSTERONE, administration & dosage/ *TESTOSTERONE, physiology
2467. Kruse HP: Probleme der Weichteilverkalkungen aus internistischer Sicht. *Verh Dtsch Ges Rheumatol* 3:169-70, 1974 (Ger)
CALCINOSIS, etiology/ *CALCINOSIS, metabolism/ CALCIUM, metabolism/ *CONNECTIVE TISSUE, metabolism/ ENGLISH ABSTRACT/ HUMAN/ HYPERPARATHYROIDISM, complications/ OSSIFICATION, PATHOLOGIC, etiology/ OSSIFICATION, PATHOLOGIC, metabolism
2468. Krushkova GV: Diagnosticheskoe znachenie akusticheskogo izmereniya glaz pri odnostonnom ekzofthal'me. *Vestn Oftalmol* 2:88-9, Mar-Apr 74 (Rus)
*ACOUSTICS, instrumentation/ BIOMETRY/ *EXOPHTHALMOS, diagnosis/ HUMAN/ *ORBITAL NEOPLASMS, diagnosis
2469. Krylov SS, Starykh NT: Farmakologicheskaya kharakteristika pirroksana. *Farmakol Toksikol* 26:396-9, Jul-Aug 73 (Rus)
ACETYLCHOLINE, antagonists & inhibitors/ *ADRENERGIC ALPHA RECEPTOR BLOCKADERS/ AMPHETAMINE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS/ ARECOLINE, antagonists & inhibitors/ AUTONOMIC FIBERS, PREGANGLIONIC, drug effects/ BLOOD PRESSURE, drug effects/ BLOOD VESSELS, drug effects/ CAROTID SINUS, drug effects/ CATS/ CENTRAL NERVOUS SYSTEM, drug effects/ CHLORPROMAZINE, pharmacodynamics/ COMPARATIVE STUDY/ CONDITIONING, CLASSICAL, drug effects/ CONSTRICTION/ CORONARY CIRCULATION, drug effects/ *DIOXINS, pharmacodynamics/ ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ EPINEPHRINE, antagonists & inhibitors/ HALOPERIDOL, pharmacodynamics/ HYPOTHALAMUS, drug effects/ INTESTINES, drug effects/ MICE/ MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, drug effects/ *PYRROLIDINONES, pharmacodynamics/ RABBITS/ VASCULAR RESISTANCE, drug effects
2470. Kubisz P, Suranová J: Further variant of the thrombocytopathy with abnormalities in platelet release reaction. *Thromb Res* 4:119-30, Jan 74
ACID PHOSPHATASE, blood/ ADENINE NUCLEOTIDES, metabolism/ ADENOSINE DIPHOSPHATE, blood/ AGED/ *BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELET DISORDERS, metabolism/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CARBON RADIOISOTOPES/ CLOT RETRACTION/ COLLAGEN/ GLUCOSAMINIDASE, blood/ GLUCURONIDASE, blood/ HUMAN/ MALE/ PLATELET ADHESIVENESS/ SEROTONIN, blood
2471. Kubota S, Graham EF, Crabo BG, et al: Influence of DMSO distribution upon renal function following freezing and thawing. *J Surg Res* 16:582-91, Jun 74
ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, analysis/ BLOOD PRESSURE/ BLOOD UREA NITROGEN/ CREATININE, urine/ DIMETHYL SULFOXIDE, administration & dosage/ *DIMETHYL SULFOXIDE, analysis/ *FREEZING/ ISOPROTERENOL, administration & dosage/ KIDNEY, enzymology/ *KIDNEY, physiology/ KIDNEY, transplantation/ KIDNEY CORTEX, analysis/ KIDNEY MEDULLA, analysis/ LACTATE DEHYDROGENASE, analysis/ METHYLPREDNISOLONE, administration & dosage/ MICROWAVES/ OSMOLAR CONCENTRATION/ PERFUSION/ TIME FACTORS/ *TISSUE PRESERVATION/ TRANSPLANTATION, AUTOLOGOUS/ URINE/ VASCULAR RESISTANCE
2472. Kudinov SO, Kharchenko NK, Makogonenko IeM: Vplyv N, N'-dytsykloheksylykarbodyimidu na fermentnu systemu transportu Ca²⁺ u fraktsii mikrosom m'laziv. *Ukr Biokhim Zh* 46:162-7, Mar-Apr 74 (Ukr)
*ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CALCIUM, metabolism/ *CARBODIIMIDES, pharmacodynamics/ DICYCLOHEXYLCARBODIIMIDE, pharmacodynamics/ EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ ETHYLMALIMIDE, pharmacodynamics/ MAGNESIUM/ *MICROSOMES, enzymology/ *MUSCLES, enzymology/ PHOSPHATES, metabolism/ RABBITS
2473. Kudrin AN, Persianinov LS, Koroza GS: Mekhanizmy stimuliruluschego deystviya prostaglandina F₂alpha na sokratitel'nuyu delatel'nost matki. *Akush Ginekol (Mosk)* 49:1-7, Nov 73 (Rus)
ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ DIPHENHYDRAMINE, pharmacodynamics/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ FEMALE/ MUSCLE, SMOOTH, drug effects/ MUSCLE, SMOOTH, innervation/ PREGNANCY/ *PROSTAGLANDINS, pharmacodynamics/ RABBITS/ *RECEPTORS, DRUG, drug effects/ *UTERUS, drug effects/ UTERUS, innervation
2474. Kudryk BJ, Collen D, Woods KR, et al: Evidence for localization of polymerization sites in fibrinogen. *J Clin Invest* 53:3322-5, Jun 74
*AMINO ACIDS, analysis/ BINDING SITES/ CYANOGEN BROMIDE/ ENZYME ACTIVATION/ FIBRIN, metabolism/ *FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ FIBRINOLYSIS, metabolism/ HUMAN/ *PEPTIDE FRAGMENTS, analysis/ PEPTIDE FRAGMENTS, metabolism/ PEPTIDE HYDROLASES, metabolism/ POLYSACCHARIDES/ SNAKES/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFUR RADIOISOTOPES/ THIOCYANATES/ THROMBIN, metabolism/ VENOMS
2475. Kuehl FA Jr, Ham EA, Zanetti ME, et al: Estrogen-related increases in uterine guanosine 3':5'-cyclic monophosphate levels. *Proc Natl Acad Sci USA* 71:1866-70, May 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CASTRATION/ *DIETHYLSTILBESTROL, pharmacodynamics/ DRUG ANTAGONISM/ *ESTRADIOL,

AUTHOR SECTION

- pharmacodynamics/ *ESTRUS/ FEMALE/
*GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ *OVARY,
physiology/ *PROGESTERONE,
pharmacodynamics/ RATS, INBRED STRAINS/
TIME FACTORS/ *UTERUS, metabolism
2476. Kuhl H, Rosnlatowski C, Bickel M, et al: Stimulation by
steroids and age-dependent changes of L-cystine
arylamidase activity in the hypothalamus of the rat.
Acta Endocrinol (Kbh) 76:15-23, May 74
AGE FACTORS/ *AMINO ACID
NAPHTHYLAMIDASES, metabolism/ ANILINE
COMPOUNDS, metabolism/ ANIMAL
EXPERIMENTS/ CYSTINE/ *ETHINYL
ESTRADIOL, pharmacodynamics/ FEMALE/
HYDROGEN-ION CONCENTRATION/
*HYPOTHALAMUS, drug effects/
HYPOTHALAMUS, enzymology/ MALE/ RATS/
SEX FACTORS/ STIMULATION, CHEMICAL/
*TESTOSTERONE, pharmacodynamics
2477. Kuhl H, Rosnlatowski C, Oen SA, et al: Sex steroids
stimulate the activity of hypothalamic arylamidases in
the rat. Acta Endocrinol (Kbh) 76:1-14, May 74
*AMINO ACID NAPHTHYLAMIDASES,
metabolism/ *ANILIDES, metabolism/ ANIMAL
EXPERIMENTS/ BUFFERS/ CYSTINE/
ENZYME ACTIVATION, drug effects/
ENZYME INDUCTION, drug effects/
*ETHINYL ESTRADIOL, pharmacodynamics/
FEMALE/ GLUTAMATES/ HYDROGEN-ION
CONCENTRATION/ HYDROLYSIS/
*HYPOTHALAMUS, drug effects/
HYPOTHALAMUS, enzymology/ MALE/
METHODS/ *PROGESTERONE,
pharmacodynamics/ RATS/ SEX FACTORS/
SOLUTIONS/ STIMULATION, CHEMICAL/
TEMPERATURE/ *TESTOSTERONE,
pharmacodynamics/ TIME FACTORS
2478. Kuhlencordt F: Arteriosklerose durch
Calciumtherapie.
Dtsch Med Wochenschr 99:850, 19 Apr 74 (Ger)
*ARTERIOSCLEROSIS, chemically induced/
*CALCIUM, adverse effects/ CALCIUM,
metabolism/ CALCIUM, therapeutic use/
HUMAN
2479. Kuhlencordt F: Aktuelle Aspekte der klinischen
Osteologie aus internistischer Sicht.
Verh Dtsch Ges Rheumatol 3:98-105, 1974 (Ger)
*BONE DISEASES, diagnosis/ CALCIUM,
metabolism/ HUMAN/
HYPERPARATHYROIDISM, diagnosis/
HYPERPARATHYROIDISM, metabolism/
KIDNEY FAILURE, CHRONIC, complications/
OSTEOPOROSIS, classification/
OSTEOPOROSIS, diagnosis/ OSTEOPOROSIS,
metabolism/ PARATHYROID HORMONE,
metabolism/ PHOSPHATES, metabolism/
RENAL OSTEODYSTROPHY, diagnosis/
RICKETS, VITAMIN D RESISTANT, etiology/
VITAMIN D, metabolism
2480. Kuhn D: Kohlenhydratreiche Proteine des Magensaftes
und Magenschleims unter dem Einfluss von
Cortisonderivaten.
Med Klin 69:694-8, 19 Apr 74 (Ger)
ACETYLATION/ CHROMATOGRAPHY, THIN
LAYER/ CORTISONE, adverse effects/
*CORTISONE, pharmacodynamics/ CORTISONE,
therapeutic use/ ENGLISH ABSTRACT/
FUCOSE, analysis/ *GASTRIC JUICE, analysis/
*GASTRIC MUCOSA, analysis/
GLYCOPROTEINS, analysis/
*GLYCOPROTEINS, metabolism/
HEXOSAMINES, analysis/ HEXOSES, analysis/
HUMAN/ NEURAMINIC ACIDS, analysis/
PEPTIC ULCER, chemically induced/
PREDNISONE, therapeutic use/ *PROTEINS,
analysis
2481. Kuhn E, Krulich L, Fawcett CP, et al: The ability of
hypothalamic extracts to lower blood prolactin levels
in lactating rats.
Proc Soc Exp Biol Med 146:104-8, May 74
ANIMAL EXPERIMENTS/ BLOOD VESSELS,
drug effects/ FEMALE/ *HYPOTHALAMUS,
physiology/ IN VITRO/ *LACTATION/ MALE/
OXYTOCIN, pharmacodynamics/ *PROLACTIN,
blood/ RADIOIMMUNOASSAY/ TISSUE
EXTRACTS
2482. Kuhn W: Hypertonie und orale Kontrazeption.
Munch Med Wochenschr 116:617-8, 22 Mar 74 (Ger)
*CONTRACEPTIVES, ORAL, adverse effects/
FEMALE/ HEMODYNAMICS/ HUMAN/
*HYPERTENSION, chemically induced/
HYPERTENSION, physiopathology
2483. Kulaev IS: O mekhanizmakh regulatsii
biokhimicheskikh protsessov u mikroorganizmov.
Usp Sovrem Biol 77:91-102, Mar 74 (52 ref.) (Rus)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
physiology/ BACTERIA, metabolism/ CHITIN/
GENES, REGULATOR/ *GENETICS,
BIOCHEMICAL/ *GENETICS, MICROBIAL/
GLUTAMINE SYNTHETASE, metabolism/
HEXOSYLTRANSFERASES, metabolism/
MITOCHONDRIA, metabolism/
MYXOMYCETES, metabolism/ OPERON/
OXIDATIVE PHOSPHORYLATION/
PHOSPHATES, metabolism/
PHOSPHOTRANSFERASES, ATP, metabolism/
REVIEW/ RNA POLYMERASE, metabolism/
SACCHAROMYCES, metabolism/
TRANSCRIPTION, GENETIC
2484. Kulaga VV, Latysheva VV, Telegina SA, et al:
Sravnitel'noe izuchenie klinicheskoi sistemy i
biogenykh aminov pri allergicheskikh vaskulitakh
kozhi.
Vestn Dermatol Venerol 48:25-31, May 74 (Rus)
ACETYLCHOLINE, metabolism/ *BIOGENIC
AMINES, blood/ CHOLINESTERASE,
metabolism/ COMPARATIVE STUDY/
ENGLISH ABSTRACT/ HUMAN/
HYPERSENSITIVITY, blood/ *KININS, blood/
*PURPURA, blood/ SEROTONIN, metabolism
2485. Kulay L Jr, Longhi L, Camano L, et al: Histochemistry
of enzymes involved in the synthesis and breakdown
of glycogen in the junctional zone of the rat's
placenta.
Rev Bras Pesqui Med Biol 6:381-5, Nov-Dec 73
AMINOSALICYLIC ACID/ ANIMAL
EXPERIMENTS/ ENDOPLASMIC RETICULUM/
FEMALE/ GLYCOGEN, biosynthesis/
*GLYCOGEN, metabolism/ *GLYCOGEN
PHOSPHORYLASE, metabolism/ *GLYCOGEN
SYNTHETASE, metabolism/
HISTOCYTOCHEMISTRY/ MICROSCOPY,
ELECTRON/ *PHOSPHOGLUCOMUTASE,
metabolism/ *PLACENTA, enzymology/
PLACENTA, growth & development/
PLACENTA, metabolism/ PREGNANCY/
RATS/ TIME FACTORS/ TROPHOBLAST,
cytology/ TROPHOBLAST, enzymology/
TROPHOBLAST, metabolism
2486. Kulbe KD: Micropolyamide thin-layer chromatography
of phenylthiohydantoin amino acids (PTH) at
subnanomolar level. A rapid microtechnique for
simultaneous multisample identification after
automated Edman degradations.
Anal Biochem 59:564-73, Jun 74
AMINO ACID SEQUENCE/ *AMINO ACIDS,
analysis/ AMINO ACIDS, isolation &
purification/ ARGININE, analysis/
AUTOANALYSIS/ CHROMATOGRAPHY, THIN
LAYER/ CYSTEINE, analysis/ EVALUATION
STUDIES/ HISTIDINE, analysis/
*HYDANTOINS, analysis/ ISOLEUCINE,
analysis/ LEUCINE, analysis/
MICROCHEMISTRY/ PEPTIDES, analysis/
THIOCYANATES/ THIOHYDANTOINS,
analysis/ TIME FACTORS/ ULTRAVIOLET
RAYS
2487. Kulin HE: The physiology of adolescence in man.
J Mammal 55:133-44, May 74
*ADOLESCENCE/ FEEDBACK/ FEMALE/
*GONADS, physiology/ HUMAN/
*HYPOTHALAMUS, physiology/ MALE/
*PITUITARY GLAND, physiology/ PUBERTY/
SEX HORMONES, secretion
2488. Kulinski VI, Murskikh AP: Issledovanie mekhanizmov
tiolopovyshalushchego efekta serotoninna i ego svlazar'

AUTHOR SECTION

- s protivoluchevym defstviem.
Radiobiologiya 14:199-205, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ COCAINE, pharmacodynamics/ DIBENAMINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ ERGOTAMINE, pharmacodynamics/ IMIPRAMINE, pharmacodynamics/ LYSERGIC ACID DIETHYLAMIDE, pharmacodynamics/ METHYSERGIDE, pharmacodynamics/ MICE/ MORPHINE, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PARGYLINE, pharmacodynamics/ PEMPIDINE, pharmacodynamics/ *RADIATION-PROTECTIVE AGENTS, pharmacodynamics/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, pharmacodynamics/ SPLEEN, metabolism/ STIMULATION, CHEMICAL/ *SULFHYDRYL COMPOUNDS, metabolism/ THEOPHYLLINE, pharmacodynamics
2489. Kumamoto E: [Delayed puberty: urological aspect] Clin Endocrinol (Tokyo) 22:186-8, Jan 74 (Jap)
FEMALE/ GENITALIA, FEMALE, abnormalities/ HUMAN/ *HYPOGONADISM, therapy/ MALE/ OBESITY, complications/ *PUBERTY
2490. Kumamoto E, Terada M, Ikegaki S: [Significance of prolactin in man] Clin Endocrinol (Tokyo) 22:361-7, Mar 74 (36 ref.) (Jap)
ANIMAL EXPERIMENTS/ CASTRATION/ CLOMIPHENE, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FSH, secretion/ HUMAN/ LH, secretion/ MALE/ PROLACTIN, pharmacodynamics/ PROLACTIN, secretion/ PROSTATE, drug effects/ PROSTATE, physiology/ REVIEW/ SEX FACTORS/ TESTIS, secretion
2491. Kumar R, Mital VN, Ahmad S: Inheritance of glucose 6-phosphate dehydrogenase deficiency, a study of eight families. J Assoc Physicians India 21:281-4, Mar 73
FEMALE/ GENES/ *GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY, familial & genetic/ HUMAN/ MALE/ PEDIGREE/ SEX CHROMOSOMES
2492. Kumar V, Menon N, Gupta SP, et al: Clinical effects of beta-adrenergic blockade in hyperthyroidism. J Assoc Physicians India 21:633-7, Aug 73
ADMINISTRATION, ORAL/ CLINICAL RESEARCH/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ INJECTIONS, INTRAVENOUS/ MALE/ PLACEBOS/ PROPRANOLOL, administration & dosage/ *PROPRANOLOL, therapeutic use
2493. Kümmerle F, Rothmund M, Diethelm L, et al: Primärer Hyperparathyreoidismus mit mediastinaler Adenomlokalisierung. Dtsch Med Wochenschr 99:983-8, 10 May 74 (Ger)
*ADENOMA, complications/ ADENOMA, diagnosis/ ADENOMA, surgery/ DRAINAGE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, diagnosis/ *HYPERPARATHYROIDISM, etiology/ HYPERPARATHYROIDISM, surgery/ MALE/ *MEDIASTINAL NEOPLASMS, complications/ MEDIASTINAL NEOPLASMS, diagnosis/ MEDIASTINAL NEOPLASMS, surgery/ METHODS/ RADIOISOTOPE SCANNING
2494. Kuna P, Vodička I: Blood flow and oxygen tension in the spleen of rats following cystamine, AET, serotonin and mexamine. Acta Biol Med Ger 31:893-6, 1973
*AET, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CYSTAMINE, pharmacodynamics/ FEMALE/ METHYL ETHERS, pharmacodynamics/ OXYGEN CONSUMPTION/ RATS/ REGIONAL BLOOD FLOW, drug effects/ *SEROTONIN, pharmacodynamics/ SPLEEN, blood supply/ *SPLEEN, drug effects/ TIME FACTORS/ *TRYPTAMINES, pharmacodynamics
2495. Kung HF, Brot N, Spears C, et al: Studies on the in vitro transcription and translation of the lac operon. Arch Biochem Biophys 160:168-74, Jan 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ CARBON RADIOISOTOPES/ ESCHERICHIA COLI, cytology/ ESCHERICHIA COLI, enzymology/ *GALACTOSIDASE, biosynthesis/ GUANINE NUCLEOTIDES, pharmacodynamics/ KINETICS/ MUTATION/ *OPERON/ POLYETHYLENE GLYCOLS, pharmacodynamics/ RIBOSOMES, drug effects/ RIBOSOMES, enzymology/ RIFAMPIN, pharmacodynamics/ RNA, BACTERIAL, biosynthesis/ RNA, MESSENGER, biosynthesis/ SPECTROPHOTOMETRY/ TIME FACTORS/ *TRANSCRIPTION, GENETIC, drug effects/ *TRANSLATION, GENETIC, drug effects/ URACIL NUCLEOTIDES, metabolism
2496. Kunitomo M, Nagakura T: [Experimental studies of anthelmintics. 21. Pharmacological studies of 1-(2-(dodecyloxy)ethyl) pyrrolidine hydrochloride (DEP) on ascaris lumbricoideassum] Folia Pharmacol Jap 69:571-81, Jul 73 (Jap)
ACETYLCHOLINE, antagonists & inhibitors/ ACETYLCHOLINE, pharmacodynamics/ ALKANES, metabolism/ ALKANES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTHELMINTICS, metabolism/ *ANTHELMINTICS, pharmacodynamics/ *ASCARIS, drug effects/ ASCARIS, metabolism/ ATROPINE, pharmacodynamics/ CALCIUM, metabolism/ CULTURE MEDIA/ ENGLISH ABSTRACT/ ETHERS, metabolism/ ETHERS, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MUSCLE CONTRACTION, drug effects/ PAPAVERINE, pharmacodynamics/ PROCAINE, pharmacodynamics/ PYRROLIDINES, metabolism/ *PYRROLIDINES, pharmacodynamics/ STRYCHNINE, pharmacodynamics/ SWINE/ TUBOCURARINE, pharmacodynamics
2497. Kuntzinger H: Que faire devant une concentration sanguine élevée d'urée. Bull Soc Sci Med Grand Duché Luxemb 111:27-36, Apr 74 (Fre)
ANEMIA, complications/ BONE DISEASES, complications/ CALCIUM, blood/ CARDIOVASCULAR DISEASES, complications/ CREATININE, blood/ GASTROINTESTINAL DISEASES, complications/ HUMAN/ *KIDNEY FAILURE, ACUTE, complications/ *KIDNEY FAILURE, CHRONIC, complications/ METABOLIC DISEASES, complications/ PROTEINS, metabolism/ UREMIA, diagnosis/ UREMIA, etiology/ *UREMIA, therapy/ URIC ACID, blood/ VITAMIN D, metabolism
2498. Kunze D, Lüdinghausen M von, Murken JD, et al: Der thanatophore Zwergwuchs. Munch Med Wochenschr 116:321-8, 15 Feb 74 (Ger)
*ABNORMALITIES, MULTIPLE/ ACHONDROPLASIA, diagnosis/ CARTILAGE, pathology/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM/ DWARFISM, diagnosis/ DWARFISM, pathology/ DWARFISM, radiography/ ENGLISH ABSTRACT/ FEMUR, abnormalities/ HUMAN/ KARYOTYPING/ MALE/ PELVIS, abnormalities/ SPINE, abnormalities
2499. Kunze J, Tolksdorf M: Identifikation chromosomaler Polymorphismen und einiger Aberrationen nach Anwendung neuer cyto-genetischer Methoden. Z Kinderheilkd 117:29-46, 8 Apr 74 (Ger)
ABNORMALITIES, MULTIPLE, familial & genetic/ *CHROMOSOME ABERRATIONS/ CHROMOSOMES, HUMAN, 6-12/ CHROMOSOMES, HUMAN, 16-18/ ENGLISH ABSTRACT/ HOMOZYGOSE/ HUMAN/ KARYOTYPING/ MONGOLISM, familial & genetic/ PHENOTYPE/ *POLYMORPHISM (GENETICS)/ SEX CHROMOSOMES/ SYNDROME
2500. Kuo WN, Hodgins DB, Kuo JF: Regulation by various hormones and agents of adenosine-3',5'-monophosphate levels in islets of

AUTHOR SECTION

- Langerhans of rats.
 Biochem Pharmacol 23:1387-91, 1 May 74
 ADENINE, metabolism/ *ADENOSINE CYCLIC
 3',5' MONOPHOSPHATE, metabolism/
 ADRENERGIC BETA RECEPTOR
 BLOCKADERS, pharmacodynamics/ ANIMAL
 EXPERIMENTS/ CORTICOTROPIN,
 pharmacodynamics/ CRESOLS,
 pharmacodynamics/ EPINEPHRINE,
 pharmacodynamics/ GLUCAGON,
 pharmacodynamics/ GLUCOSE,
 pharmacodynamics/ GUANOSINE
 TRIPHOSPHATE, pharmacodynamics/
 *HORMONES, pharmacodynamics/ IN VITRO/
 *ISLANDS OF LANGERHANS, drug effects/
 *ISLANDS OF LANGERHANS, metabolism/
 ISOPROTERENOL, pharmacodynamics/
 LEUCINE, pharmacodynamics/ PHENFORMIN,
 pharmacodynamics/ PHENOXYBENZAMINE,
 pharmacodynamics/ PHENTOLAMINE,
 pharmacodynamics/ PROPANOLAMINES,
 pharmacodynamics/ PROPRANOLOL,
 pharmacodynamics/ PROPYLAMINES,
 pharmacodynamics/ PROSTAGLANDINS,
 pharmacodynamics/ RATS/ *RECEPTORS,
 ADRENERGIC/ SECRETIN, pharmacodynamics/
 SOTALOL, pharmacodynamics/
 THEOPHYLLINE, pharmacodynamics/
 THYROTROPIN, pharmacodynamics/
 TOLBUTAMIDE, pharmacodynamics/ TRITIUM
2501. Kurchenko LK, Iakhimovich RI: Vyznachennia
 delayakh sterynlv-produktiv syntezu vitaminu
 D3-metodom tonkosharovo khromatografii.
 Ukr Biokhim Zh 46:398-402, May-Jun 74 (Ukr)
 *CHOLECALCIFEROL, analysis/
 CHOLECALCIFEROL, chem synthesis/
 *CHROMATOGRAPHY, THIN LAYER/ DRUG
 STABILITY/ ENGLISH ABSTRACT/
 INDICATORS AND REAGENTS/ MOLECULAR
 CONFORMATION/ *STEROLS, analysis/
 STEROLS, chem synthesis
2502. Kurman RJ, Scully RE: The incidence and histogenesis
 of vaginal adenosis. An autopsy study.
 Hum Pathol 5:265-76, May 74
 ADOLESCENCE/ ADULT/ AGE FACTORS/
 AUTOPSY/ CHILD/ CHILD, PRESCHOOL/
 FEMALE/ FETAL DISEASES, chemically
 induced/ FETAL DISEASES, occurrence/
 FETAL DISEASES, pathology/ FETUS, drug
 effects/ FETUS, metabolism/ GESTATIONAL
 AGE/ HORMONES, metabolism/ HUMAN/
 HYDROXYPROGESTERONE, adverse effects/
 INFANT/ INFANT, NEWBORN/
 MATERNAL-FETAL EXCHANGE/
 MEDROXYPROGESTERONE, adverse effects/
 PREGNANCY/ PREGNANCY
 COMPLICATIONS, drug therapy/ PUBERTY/
 VAGINA, pathology/ VAGINAL DISEASES,
 chemically induced/ VAGINAL DISEASES,
 congenital/ VAGINAL DISEASES, occurrence/
 *VAGINAL DISEASES, pathology
2503. Kuroda Y: Spermatogenesis in pharate adult testes of
 Drosophila in tissue cultures without ecdysones.
 J Insect Physiol 20:637-40, Apr 74
 ANIMAL EXPERIMENTS/ *DROSOPHILA
 MELANOGASTER, physiology/ ECDYSONE,
 physiology/ MALE/ *SPERMATOGENESIS/
 TESTIS, physiology/ TISSUE CULTURE
2504. Kuroda Y, Mellwain H: Uptake and release of
 (14C)adenine derivatives at beds of mammalian
 cortical synaptosomes in a superfusion system.
 J Neurochem 22:691-9, May 74
 *ADENINE, metabolism/ ADENINE
 NUCLEOTIDES, biosynthesis/ ADENOSINE,
 biosynthesis/ *ADENOSINE, metabolism/
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
 biosynthesis/ ANIMAL EXPERIMENTS/
 BIOLOGICAL TRANSPORT/ CARBON
 RADIOISOTOPES/ CEREBRAL CORTEX,
 cytology/ *CEREBRAL CORTEX, metabolism/
 CEREBRAL CORTEX, physiology/ ELECTRIC
 STIMULATION/ HYPOXANTHINES,
 biosynthesis/ INOSINE, biosynthesis/
 LACTATES, metabolism/ MITOCHONDRIA,
 metabolism/ NYLON/ POTASSIUM CHLORIDE,
 pharmacodynamics/ SPECTROMETRY,
- FLUORESCENCE/ SYNAPTOSOMES, drug
 effects/ *SYNAPTOSOMES, metabolism/
 SYNAPTOSOMES, physiology/
 TETRODOTOXIN, pharmacodynamics/ TIME
 FACTORS
2505. Kurogi H, Inaba Y, Goto Y, et al: Isolation of rhinovirus
 from cattle in outbreaks of acute respiratory disease.
 Arch Gesamte Virusforsch 44:215-26, 1974
 ACUTE DISEASE/ ANIMAL EXPERIMENTS/
 ANTIBODY FORMATION/ ANTIGENS, VIRAL,
 analysis/ *CATTLE DISEASES, microbiology/
 CHLOROFORM, pharmacodynamics/
 CYTOPATHOGENIC EFFECT, VIRAL/
 *DISEASE OUTBREAKS, veterinary/
 HEMAGGLUTINATION INHIBITION TESTS/
 IDOXURIDINE, pharmacodynamics/ JAPAN/
 KIDNEY/ MALE/ NASAL MUCOSA,
 microbiology/ NEUTRALIZATION TESTS/
 RESPIRATORY TRACT INFECTIONS,
 microbiology/ *RESPIRATORY TRACT
 INFECTIONS, veterinary/ RHINOVIRUS, drug
 effects/ RHINOVIRUS, growth & development/
 RHINOVIRUS, immunology/ *RHINOVIRUS,
 isolation & purification/ TESTIS/ TISSUE
 CULTURE/ TRYPSIN, pharmacodynamics/
 VIRUS REPLICATION, drug effects
2506. Kurokawa K, Nagata N, Sasaki M, et al: Effects of
 calcitonin in the concentration of cyclic adenosine
 3',5'-monophosphate in rat kidney in vivo and in vitro.
 Endocrinology 94:1514-8, Jun 74
 *ADENOSINE CYCLIC 3',5'
 MONOPHOSPHATE, metabolism/ ADENOSINE
 CYCLIC 3',5' MONOPHOSPHATE, urine/
 ANIMAL EXPERIMENTS/ *CALCITONIN,
 pharmacodynamics/ CATTLE/ COMPARATIVE
 STUDY/ IN VITRO/ KIDNEY, drug effects/
 *KIDNEY, metabolism/ KIDNEY TUBULES,
 metabolism/ MALE/ PARATHYROID
 HORMONE, pharmacodynamics/ RATS/ SWINE
2507. Kürti M, Fekete M, Borsy J, et al: The role of
 prostaglandins in several allergic and inflammatory
 process. Pol J Pharmacol Pharm 26:109-15, Jan-Apr 74
 ADJUVANTS, IMMUNOLOGIC/ ALLERGENS/
 ANAPHYLAXIS/ ANIMAL EXPERIMENTS/
 ANTIBODY SPECIFICITY/ ARACHIDONIC
 ACID, pharmacodynamics/ ARTHRITIS,
 immunology/ CARRAGEENAN/ DERMATITIS,
 CONTACT/ DRUG SYNERGISM/ EDEMA,
 chemically induced/ FATTY ACIDS/
 UNSATURATED, pharmacodynamics/ FEMALE/
 HINDLIMB/ *HYPERSENSITIVITY/ IMMUNE
 SERUMS, pharmacodynamics/
 *INFLAMMATION/ MALE/ OXAZOLES/
 PASSIVE CUTANEOUS ANAPHYLAXIS/
 *PROSTAGLANDINS, pharmacodynamics/
 PROSTAGLANDINS, physiology/ SERUM
 ALBUMIN, BOVINE
2508. Kurz D, Eyring EJ: Effects of vitamin C on osteogenesis
 imperfecta. Pediatrics 54:56-61, Jul 74
 ADMINISTRATION, ORAL/ ASCORBIC ACID,
 administration & dosage/ ASCORBIC ACID,
 blood/ *ASCORBIC ACID, therapeutic use/
 FEMALE/ FRACTURES, etiology/
 FRACTURES, prevention & control/ HUMAN/
 MALE/ OSTEOGENESIS IMPERFECTA, blood/
 OSTEOGENESIS IMPERFECTA, complications/
 *OSTEOGENESIS IMPERFECTA, drug therapy/
 OSTEOGENESIS IMPERFECTA, familial &
 genetic/ ZINC, blood
2509. Kusajima K, Ozdemir IA, Webb WR, et al: Role of
 serotonin and serotonin antagonist on pulmonary
 hemodynamics and microcirculation in hemorrhagic
 shock. J Thorac Cardiovasc Surg 87:908-14, Jun 74
 ANIMAL EXPERIMENTS/ ATELECTASIS,
 chemically induced/ *ATELECTASIS, etiology/
 BLOOD PRESSURE/ CATHETERIZATION/
 DOGS/ HYPERTENSION, PULMONARY,
 chemically induced/ *HYPERTENSION,
 PULMONARY, etiology/ LUNG, pathology/
 *METHYLERGIDE, pharmacodynamics/
 *MICROCIRCULATION, drug effects/
 MICROCIRCULATION, pathology/
 PULMONARY ARTERY/ *PULMONARY
 CIRCULATION, drug effects/ PULMONARY
 EDEMA, chemically induced/ *PULMONARY

AUTHOR SECTION

EDEMA, etiology/ PULMONARY VEINS/
SEROTONIN, antagonists & inhibitors/
*SEROTONIN, pharmacodynamics/ SEROTONIN,
secretion/ *SHOCK, HEMORRHAGIC,
complications/ SHOCK, HEMORRHAGIC,
pathology/ SHOCK, HEMORRHAGIC,
physiopathology

2510. Kusajima K, Wax ST, Webb WR: Effects of methylprednisolone on pulmonary microcirculation. Surg Gynecol Obstet 139:1-5, Jul 74

ANIMAL EXPERIMENTS/ ATELECTASIS,
etiology/ ATELECTASIS, pathology/
ATROPINE, pharmacodynamics/ ATROPINE,
therapeutic use/ CAPILLARIES,
physiopathology/ FEMALE/ FUROSEMIDE,
pharmacodynamics/ FUROSEMIDE, therapeutic
use/ HEMORRHAGE, complications/
*HYPOTENSION, complications/
HYPOTENSION, drug therapy/
HYPOTENSION, physiopathology/ *LUNG,
blood supply/ LUNG, pathology/ MALE/
*METHYLPREDNISOLONE, pharmacodynamics/
METHYLPREDNISOLONE, therapeutic use/
*MICROCIRCULATION, drug effects/
PULMONARY ALVEOLI, blood supply/
PULMONARY ARTERY, physiopathology/
*PULMONARY CIRCULATION, drug effects/
PULMONARY VALVE INSUFFICIENCY,
etiology/ PULMONARY VEINS,
physiopathology/ VENOUS PRESSURE, drug
effects

2511. Kusen' SI, Oleshko PS: Zminy aktyvosti kysloj ta luzhnoj RNK-az protiahom rann'oho embriohenezu u v'luna (Misgurnus fossilis).

Ukr Biokhim Zh 46:168-72, Mar-Apr 74 (Ukr)
AGE FACTORS/ ANIMAL EXPERIMENTS/
CATALYSIS/ COMPARATIVE STUDY/
ENGLISH ABSTRACT/ *FISHES, embryology/
FISHES, enzymology/ *HYDROCORTISONE,
pharmacodynamics/ HYDROGEN-ION
CONCENTRATION/ RIBONUCLEASE/
*RIBONUCLEASE, metabolism

2512. Kusen' SI, Pashkovskaia IS: Vplyv aminokyslot, hormoniv i aktyvnostynu D na aktyvnist' aminotransferaz u nezaplidenij ikri v'luna (Misgurnus fossilis).

Ukr Biokhim Zh 45:565-9, Sep-Oct 73 (Ukr)
ALANINE AMINOTRANSFERASE,
biosynthesis/ *AMINO ACIDS,
pharmacodynamics/ *AMINOTRANSFERASES,
metabolism/ ANIMAL EXPERIMENTS/
ASPARTATE AMINOTRANSFERASE,
biosynthesis/ ASPARTIC ACID, metabolism/
CENTRIFUGATION/ *CYPRINDIAE,
metabolism/ *DACTINOMYCIN,
pharmacodynamics/ ENGLISH ABSTRACT/
ESTRONE, pharmacodynamics/ FEMALE/
*HORMONES, pharmacodynamics/
HYDROCORTISONE, pharmacodynamics/
OVUM, drug effects/ *OVUM, enzymology/
SPECTROPHOTOMETRY/ THYROXINE,
pharmacodynamics/ TIME FACTORS

2513. Kusen' SI, Sologub LI, Oleksin GO, et al: Doslidzhennia vplyvu hliukozy, laktatu, fumaratu i hormoniv na aktyvnist' fermentiv pochatkovykh etapiv hlikolizu ta pentozofosfatnoho tsykladu v nezaplidenykh ikrynkakh v'luna (Misgurnus fossilis).

Ukr Biokhim Zh 46:389-92, May-Jun 74 (Ukr)
ANIMAL EXPERIMENTS/ ENGLISH
ABSTRACT/ ESTRONE, pharmacodynamics/
*FISHES, metabolism/ FUMARATES,
pharmacodynamics/ GLUCOSE,
pharmacodynamics/ *GLYCOLYSIS, drug
effects/ HYDROCORTISONE,
pharmacodynamics/ INSULIN,
pharmacodynamics/ LACTATES,
pharmacodynamics/ OVUM, drug effects/
OVUM, enzymology/ *OVUM, metabolism/
*PENTOSEPHOSPHATES, metabolism/
THYROXINE, pharmacodynamics

2514. Kushinsky S, Anderson M: A non-chromatographic radioimmunoassay of estrone and estradiol-17beta serum. Steroids 23:535-48, Apr 74

CHARCOAL/ CHROMATOGRAPHY, THIN
LAYER/ COMPARATIVE STUDY/ DEXTRAN/

*ESTRADIOL, blood/ ESTRIOL, blood/
*ESTRONE, blood/ EVALUATION STUDIES/
FEMALE/ HUMAN/ INDICATORS AND
REAGENTS/ MALE/ METHODS/
MICROCHEMISTRY/ RADIOIMMUNOASSAY/
TIME FACTORS/ TRITIUM

2515. Kutz K, Paumgartner G, Egger G, et al: A comparison between the bile acid concentration and the inorganic cation-anion difference in dog bile.

Gastroenterology 67:135-41, Jul 74
ANALYSIS OF VARIANCE/ ANIMAL
EXPERIMENTS/ ANIONS/ *BICARBONATES,
analysis/ *BILE, analysis/ BILE, drug effects/
*BILE ACIDS AND SALTS, analysis/
CATIONS, MONOVALENT/ *CHLORIDES,
analysis/ FEMALE/ HYDROGEN-ION
CONCENTRATION/ INSULIN,
pharmacodynamics/ OUABAIN,
pharmacodynamics/ *POTASSIUM, analysis/
SECRETIN, pharmacodynamics/ *SODIUM,
analysis/ TAUROCHOLIC ACID,
pharmacodynamics/ VASOPRESSIN,
pharmacodynamics

2516. Kuwabara Y: [Endocrine disorders of the fetal and placental system]

Clin Endocrinol (Tokyo) 22:136-7, Jan 74 (Jap)
ESTROGENS, secretion/ FEMALE/ *FETAL
DISEASES, drug therapy/ HUMAN/
*PLACENTA DISORDERS, drug therapy/
PREGNANCY/ PROGESTERONE, secretion/
PROGESTERONE, therapeutic use

2517. Kuwamura T, Nakaura S, Nagao S, et al: Effect of morphinization on in vitro incorporation of labelled precursors into adrenal protein and nucleic acids in rats. Jap J Pharmacol 24:89-95, Feb 74

ADRENAL GLANDS, anatomy & histology/
ADRENAL GLANDS, drug effects/ *ADRENAL
GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ CARBON RADIOISOTOPES/
*CORTICOSTERONE, biosynthesis/
CORTICOTROPIN, pharmacodynamics/ DNA,
biosynthesis/ GLYCINE, metabolism/ IN
VITRO/ LEUCINE, metabolism/ MALE/
*MORPHINE, pharmacodynamics/ *NUCLEIC
ACIDS, biosynthesis/ ORGAN WEIGHT/
OROTIC ACID, metabolism/ *PROTEINS,
biosynthesis/ RNA, biosynthesis/ THYMIDINE,
metabolism/ TRITIUM

2518. Kuzovkov AG, Hikitin AF, Petelina VV: Vosstanovlenie nekotorykh pokazatelej gemodinamiki pri travmaticheskom shoke.

Voen Med Zh 5:32-4, May 74 (Rus)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE
DETERMINATION/ ELECTRIC STIMULATION/
ELECTROCARDIOGRAPHY/ ELECTRODES,
IMPLANTED/ *HEMODYNAMICS/
HYPOTHALAMUS, physiopathology/ *SHOCK,
TRAUMATIC, physiopathology

2519. Kuzumaki N, Takeuchi N, Kodama T, et al: Spontaneous breakdown of immunological tolerance to Gross-virus-induced cell-surface antigens in the rat. Int J Cancer 12:389-95, 15 Sept 73

AGE FACTORS/ ANTIBODIES, VIRAL/
ANTIBODY FORMATION/
ANTIGEN-ANTIBODY REACTIONS/
*ANTIGENS, VIRAL/ CELL MEMBRANE,
immunology/ CYTOTOXICITY TESTS,
IMMUNOLOGIC/ *GROSS VIRUS, immunology/
IMMUNE SERUMS/ *LYMPHOMA,
immunology/ NEOPLASM
TRANSPLANTATION/ NEOPLASMS,
EXPERIMENTAL, immunology/ RATS,
INBRED STRAINS, immunology/ THYMUS
NEOPLASMS, immunology/
TRANSPLANTATION, HOMOLOGOUS/
TRANSPLANTATION IMMUNOLOGY

2520. Kvalev MM, Teplyi VK, Govdenko FF, et al: Funktsional'noe sostoiianie kory nadpocheknikov, podzheludochnoj zhelezy i belkovo-aminokislotojnyj sostav krovi pri lazvennoj bolezni.

Klin Khir 4:1-8, Apr 74 (Rus)
*ADRENAL GLANDS, physiopathology/
*AMINO ACIDS, blood/ *BLOOD PROTEINS,
analysis/ GASTRECTOMY/ HUMAN/

AUTHOR SECTION

- *PANCREAS, physio-pathology/ PEPTIC ULCER, complications/ *PEPTIC ULCER, physio-pathology/ PEPTIC ULCER, surgery/ PITUITARY-ADRENAL FUNCTION TESTS/ STOMACH ULCER, physio-pathology
2521. Kwaśniewska W, Raczyńska A: Polekowe uszkodzenie wątroby u młodej kobiety po doustnym stosowaniu femigenu w celach antykoncepcyjnych. *Patol Pol* 25:101-6, Jan-Mar 74 (Pol)
ADULT/ BIOPSY/ *CHLORMADINONE, adverse effects/ CHOLESTASIS, chemically induced/ CHOLESTASIS, pathology/ *CONTRACEPTIVES, ORAL, adverse effects/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIVER, pathology/ *LIVER DISEASES, chemically induced/ LIVER DISEASES, pathology/ *MESTRANOL, adverse effects
2522. Kyaasaar ME: A study of chromosomes in couples with habitual abortions. *Sov Genet* 7:1600-3, 1 Mar 74
*ABORTION, HABITUAL, familial & genetic/ *CHROMOSOME ABERRATIONS/ CHROMOSOMES, HUMAN, 16-18/ CHROMOSOMES, HUMAN, 21-22/ FEMALE/ HUMAN/ KARYOTYPING/ LEUKOCYTES, cytology/ MALE/ PREGNANCY/ SEX CHROMOSOMES
2523. Kyz'mak NI: Vlianie tireoidnykh hormonov i tireostatikov na soderzhanie seromukoidov v syvorotke drovi u drys. *Probl Endokrinol (Mosk)* 20:93-7, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, drug therapy/ MALE/ *MUCOPROTEINS, blood/ PROTEIN-BOUND IODINE TEST/ RATS/ *THYROID ANTAGONISTS, pharmacodynamics/ THYROID ANTAGONISTS, therapeutic use/ *THYROID HORMONES, pharmacodynamics/ THYROID HORMONES, therapeutic use
- L**
2524. Laatikainen TJ, Peltonen JJ, Nylander PL: Effect of maternal intrahepatic cholestasis on fetal steroid metabolism. *J Clin Invest* 53:1709-15, Jun 74
ANDROSTENOLS, blood/ ANDROSTERONE, blood/ BIRTH WEIGHT/ CHOLESTASIS, blood/ *CHOLESTASIS, metabolism/ DEHYDROEPIANDROSTERONE, biosynthesis/ ESTRIOL, blood/ FEMALE/ *FETUS, metabolism/ GESTATIONAL AGE/ HUMAN/ HYDROXYLATION/ HYDROXY-PREGNENOLONE, biosynthesis/ HYDROXY-PREGNENOLONE, blood/ MALE/ MATERNAL-FETAL EXCHANGE/ PLACENTA, metabolism/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANEDIOL, blood/ PREGNANETRIOL, blood/ PREGNENOLONE, blood/ PROGESTERONE, blood/ *STEROIDS, metabolism/ UMBILICAL CORD
2525. Labow RS, Williamson DG, Layne DS: The transfer of glucose to steroids by sheep liver microsomes. *Can J Biochem* 52:203-7, Mar 74
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ CRYSTALLIZATION/ ESTRADIOL/ FEMALE/ GLUCOSYLTRANSFERASES, metabolism/ GLUCURONATES, biosynthesis/ GLUCURONIDASE/ *MICROSOMES, LIVER, enzymology/ SHEEP/ SOLUBILITY/ STEROIDS/ SURFACE-ACTIVE AGENTS/ TRITIUM/ TRYPSIN/ UDP GLUCURONOSYLTRANSFERASE, metabolism/ ULTRASONICS/ URIDINE DIPHOSPHATE SUGARS
2526. Labrune B, Vignes B: Deux manifestations insolites du purpura rhumatoïde: localisations testiculaires-troubles neurologiques. *Nouv Presse Med* 3:1023-5, 20 Apr 74 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ ARTHRITIS, etiology/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ FEVER, etiology/ HEMATURIA, etiology/ HUMAN/ HYPERSENSITIVITY, complications/ MALE/ *NEUROLOGIC MANIFESTATIONS/ PHARYNGITIS, complications/ PROTEINURIA, etiology/ *PURPURA, complications/ PURPURA, diagnosis/ PURPURA, drug therapy/ SPERMATIC CORD TORSION, diagnosis/ *TESTICULAR DISEASES, etiology/ VOMITING, etiology
2527. Lacombe ML, Hanoune J: Enhanced specificity of epinephrine binding by rat liver plasma membranes in the presence of EDTA. *Biochem Biophys Res Commun* 58:667-73, 4 Jun 74
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIMETABOLITES, pharmacodynamics/ BINDING, COMPETITIVE/ BINDING SITES/ CATECHOL, pharmacodynamics/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ CHROMATOGRAPHY, THIN LAYER/ CYCLOHEPTANES, pharmacodynamics/ *EDTA, pharmacodynamics/ *EPINEPHRINE, metabolism/ EPINEPHRINE, pharmacodynamics/ FEMALE/ KINETICS/ LIVER, cytology/ LIVER, drug effects/ *LIVER, metabolism/ MANDELIC ACID, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ *RECEPTORS, DRUG, drug effects/ TEMPERATURE/ TIME FACTORS/ TRITIUM
2528. Lacroix E, Eechaute W, Leusen I: The biosynthesis of estrogens by cow follicles. *Steroids* 23:337-56, Mar 74
ANDROSTENEDIONE, biosynthesis/ ANIMAL EXPERIMENTS/ BIOTRANSFORMATION/ CATTLE/ CELLS, CULTURED/ CHROMATOGRAPHY/ DEHYDROEPIANDROSTERONE, metabolism/ *ESTROGENS, biosynthesis/ FEMALE/ GRAAFIAN FOLLICLE, cytology/ *GRAAFIAN FOLLICLE, metabolism/ HYDROXY-PREGNENOLONE, biosynthesis/ MANOMETRY/ PREGNENOLONE, metabolism/ PROGESTERONE, biosynthesis/ PROGESTERONE, metabolism/ TRITIUM
2529. Laffargue P, Chamlian A, Laffargue F, et al: Introduction à l'étude histo-enzymologique des tumeurs sécrétantes de l'ovaire. *Arch Anat Pathol (Paris)* 21:113-22, Jun 73 (Fre)
*ARRHENOBlastoma, enzymology/ *DISGERMINOMA, enzymology/ ENGLISH ABSTRACT/ FEMALE/ *GRANULOSA CELL TUMOR, enzymology/ HISTOCYTOCHEMISTRY/ HUMAN/ HYDROXYSTEROID DEHYDROGENASES, analysis/ *OVARIAN NEOPLASMS, enzymology/ *THECA CELL TUMOR, enzymology
2530. Laffay G, Lestrade H: Diabète juvénile et atrophie optique primitive. *Sem Hop Paris* 50:127-41, 8 Jan 74 (Fre)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AUTOSOME ABNORMALITIES/ CHILD/ DEAFNESS, complications/ DEAFNESS, diagnosis/ DIABETES INSIPIDUS, complications/ DIABETES MELLITUS, JUVENILE, classification/ *DIABETES MELLITUS, JUVENILE, complications/ DIABETES MELLITUS, JUVENILE, diagnosis/ DIABETES MELLITUS, JUVENILE, familial & genetic/ ELECTRORETINOGRAPHY/ ENGLISH ABSTRACT/ FRIEDREICH'S ATAXIA, complications/ HEARING TESTS/ HUMAN/ HYPOGONADISM, complications/ *OPTIC ATROPHY, complications/ OPTIC ATROPHY, diagnosis/ OPTIC ATROPHY, familial & genetic/ RETINITIS PIGMENTOSA, complications/ STATISTICS/ TIME FACTORS/ VISION TESTS
2531. Lagios MD: Hormonally enhanced proliferation of human breast cancer in organ culture. An in vitro system for assessment of specific hormonal response. *Oncology* 29:22-33, 1974
*BREAST NEOPLASMS, pathology/

AUTHOR SECTION

- *CARCINOMA, DUCTAL, pathology/ CELL COUNT/ *CELL DIVISION, drug effects/ CELL SURVIVAL, drug effects/ CULTURE MEDIA/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ MICROSCOPY, ELECTRON/ *ORGAN CULTURE/ *PROLACTIN, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics
2532. Lagrou A, Dierick W, Christophe A, et al: Over de lipidesamenstelling van runderschildklier. 3. Arch Int Physiol Biochim 81:976, Dec 73 (Dut)
- ANIMAL EXPERIMENTS/ CATTLE/ CEPHALINS, analysis/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, GAS/ HYPERTROPHY/ LECITHINS, analysis/ *LIPIDS, analysis/ SPHINGOMYELINS, analysis/ *THYROID GLAND, analysis/ TRIGLYCERIDES, analysis/ UBIQUINONE, analysis/ VITAMIN E, analysis
2533. Lahti RA, Barsuhn C: The effect of minor tranquilizers on stress-induced increases in rat plasma corticosteroids. Psychopharmacologia 35:215-20, 27 Feb 74
- *ADRENAL CORTEX HORMONES, blood/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ BENZODIAZEPINONES, pharmacodynamics/ CHLORDIAZEPOXIDE, pharmacodynamics/ DIAZEPAM, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENVIRONMENT/ MALE/ MEPROBAMATE, pharmacodynamics/ NITRAZEPAM, pharmacodynamics/ RATS/ SPECTROMETRY, FLUORESCENCE/ *STRESS, blood/ TIME FACTORS/ *TRANQUILIZING AGENTS, pharmacodynamics
2534. Lahti RA, Majchrowicz E: Ethanol and acetaldehyde effects on metabolism and binding of biogenic amines. Q J Stud Alcohol 35:1-14, Mar 74
- *ACETALDEHYDE, pharmacodynamics/ *ALCOHOL, ETHYL, pharmacodynamics/ ALCOHOL OXIDOREDUCTASES, metabolism/ ALCOHOLIC INTOXICATION/ ANIMAL EXPERIMENTS/ *BIOGENIC AMINES, metabolism/ BRAIN, enzymology/ BRAIN CHEMISTRY, drug effects/ CARBON RADIOISOTOPES/ CATECHOL METHYLTRANSFERASE, metabolism/ DEPRESSION, CHEMICAL/ GUINEA PIGS/ IN VITRO/ *MONOAMINE OXIDASE, metabolism/ MONOAMINE OXIDASE INHIBITORS/ NAD, pharmacodynamics/ NADP, pharmacodynamics/ NOREPINEPHRINE, metabolism/ RATS/ RESERPINE, pharmacodynamics/ SEROTONIN, metabolism/ STIMULATION, CHEMICAL/ SYNAPTIC VESICLES, drug effects/ SYNAPTIC VESICLES, metabolism
2535. Laitinen S, Pystynen P: The intra-amniotic administration of prostaglandin f-2-alpha with intravenous oxytocin for the induction of midtrimester abortion. Ann Chir Gynaecol Fenn 63:35-8, 1974
- *ABORTION, INDUCED/ AMNION/ DRUG EVALUATION/ ELECTROCARDIOGRAPHY/ FEMALE/ GESTATIONAL AGE/ HUMAN/ INFUSIONS, PARENTERAL/ OXYTOCIN, therapeutic use/ PREGNANCY/ PROSTAGLANDINS, administration & dosage/ PROSTAGLANDINS, adverse effects/ *PROSTAGLANDINS, therapeutic use/ TIME FACTORS
2536. Lajos L, Arnold L, Vereczkey G, et al: Az időfaktor szerepe a trophoblast choriongonadotropin (HCG) szintézisében és annak gátlásában (in vitro kísérletek). Orv Hetil 115:1151-3, 19 May 74 (Hun)
- FEMALE/ GONADOTROPINS, CHORIONIC, antagonists & inhibitors/ *GONADOTROPINS, CHORIONIC, biosynthesis/ GONADOTROPINS, CHORIONIC, secretion/ HUMAN/ IN VITRO/ PITUITARY GLAND, secretion/ PLACENTA, secretion/ PLACENTAL HORMONES, secretion/ TIME FACTORS/ *TROPHOBLAST, metabolism
2537. Lajos L, Vereczkey G, Szabó T, et al: Mivel magyarázható a trophoblast szövetkultúrák HCG szintézise. Orv Hetil 115:373-5, 17 Feb 74 (Hun)
- FEMALE/ *GONADOTROPINS, CHORIONIC, biosynthesis/ HUMAN/ IN VITRO/ TISSUE CULTURE/ TROPHOBLAST, growth & development/ *TROPHOBLAST, metabolism
2538. Lakatos I, Brenner F, Prohászka M: Kétoldali neuritis optica háromhavi Bisecurin szedés után. Orv Hetil 115:1524-6, 30 Jun 74 (Hun)
- *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *OPTIC NEURITIS, chemically induced
2539. Lakin KM, Ovnatanova MS, Fel'dbaum VA: Villianie nekotorykh vazoaktivnykh veshchestv na agregatsiiu trombotsitov. Kardiologiya 12:21-6, Jul 72 (Rus)
- AMINOPHYLLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CAFFEINE, pharmacodynamics/ ENGLISH ABSTRACT/ ERGOTAMINE, pharmacodynamics/ FEMALE/ GUANETHIDINE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ MALE/ PAPAVERINE, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ RESERPINE, pharmacodynamics/ SEROTONIN, pharmacodynamics
2540. Lakiza BS, Marchenko NP: Tsitogeneticheskie ustanovleniye pola po krovi pri narusheniiakh polovogo razvitiya. Sud Med Ekspert 17:31-3, Apr-Jun 74 (Rus)
- ADRENOGENITAL SYNDROME, blood/ *ADRENOGENITAL SYNDROME, familial & genetic/ *CYTOGENETICS/ FEMALE/ GENOTYPE/ HERMAPHRODITISM, blood/ *HERMAPHRODITISM, familial & genetic/ HUMAN/ MALE/ NEUTROPHILS, cytology/ PSYCHOSEXUAL DEVELOPMENT/ SEX CHROMATIN, analysis/ *SEX DETERMINATION
2541. Lallemant Y, Gehanno F, Marandas P: Les radionécroses complexes jugo-mandibulaires. Problèmes thérapeutiques. Ann Otolaryngol Chir Cervicofac 90:763-9, Dec 73 (Fre)
- *BONE AND BONES, radiation effects/ FACE, surgery/ HUMAN/ MALE/ *MANDIBLE, radiation effects/ *MANDIBLE, surgery/ METHODS/ NECK, radiation effects/ NECK, surgery/ OSTEORADIONECROSIS, surgery/ RADIATION INJURIES, etiology/ *RADIATION INJURIES, surgery/ RADIODERMATITIS, surgery/ RADIOTHERAPY, adverse effects/ SURGERY, PLASTIC/ TONSILLAR NEOPLASMS, radiotherapy
2542. Lalyre Y, Scruggs W, Wilson DE: Prostaglandin E1 effects on ethanol metabolism in the rat. Prostaglandins 6:489-94, 25 Jun 74
- ALCOHOL, ETHYL, administration & dosage/ ALCOHOL, ETHYL, blood/ *ALCOHOL, ETHYL, metabolism/ ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ DIET/ INJECTIONS, SUBCUTANEOUS/ LIVER, enzymology/ METHODS/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ STOMACH/ TIME FACTORS
2543. Lamas L, Taurog A, Salvatore G, et al: Preferential synthesis of thyroxine from early iodinated tyrosyl residues in thyroglobulin. J Biol Chem 249:2732-7, 10 May 74
- AMINO ACIDS, analysis/ CASEIN/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ DIALYSIS/ DIODOTYROSINE/ FIBRINOGEN/ GLUCOSE OXIDASE, metabolism/ GOITER, NODULAR, metabolism/ HUMAN/ IODINE, analysis/ IODINE RADIOISOTOPES/ IODOTYROSINE/ ISOTOPE LABELING/ PEROXIDASES, metabolism/ PRONASE/ STRUCTURE-ACTIVITY RELATIONSHIP/ THYROGLOBULIN, isolation & purification/ *THYROGLOBULIN, metabolism/ THYROID GLAND, analysis/ THYROID GLAND, enzymology/ *THYROXINE, biosynthesis/ *TYROSINE, metabolism

AUTHOR SECTION

2544. Lambert B, Jacquemin C: About insulin iodination. I. Moniodination of insulin by horseradish peroxidase. *Biochimie* 55:1395-400, 1973
BINDING SITES/ CATTLE/ CHEMISTRY/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HYDROLYSIS/ INSULIN, isolation & purification/ *INSULIN, isolation & purification/ *IODINE/ IODINE RADIOISOTOPES/ ISOELECTRIC FOCUSING/ ISOTOPE LABELING/ *PEROXIDASES/ PLANTS, enzymology/ PRONASE/ TYROSINE, analysis
2545. Lambrecht FL, Fernando JB: Age-grading of *Culex pipiens fatigans* Wiedemann from different climatic zones in Ceylon. *Southeast Asian J Trop Med Public Health* 5:76-9, Mar 74
AGE FACTORS/ ANIMAL EXPERIMENTS/ CEYLON/ *CLIMATE/ *CULEX, growth & development/ FEMALE/ HUMIDITY/ INSECT VECTORS/ LONGEVITY/ OVARY, anatomy & histology/ SEASONS/ WEATHER
2546. Lamerton LF: The mitotic cycle and cell population control. *J Clin Pathol [Suppl]* 7:19-25, 1974 (29 ref.)
ANIMAL EXPERIMENTS/ BONE MARROW CELLS/ CELL COUNT/ CELL DIVISION/ CELL LINE/ CELL MOVEMENT/ DNA, biosynthesis/ ERYTHROCYTES/ HUMAN/ KIDNEY, cytology/ LIVER, cytology/ MICE/ *MITOSIS/ MODELS, BIOLOGICAL/ NEOPLASMS, physiopathology/ PHENYLHYDRAZINE, pharmacodynamics/ PRESSURE/ RATS/ REVIEW/ SALIVARY GLANDS, cytology/ THYMIDINE, metabolism/ THYROID GLAND, cytology/ TIME FACTORS/ TRITIUM
2547. Lamkin WM, Jones NS, Pan T, et al: Application of the flame photometric sulfur detector to the gas-chromatographic analysis of trimethylsilylated methylthiohydantoins of amino acids. *Anal Biochem* 58:549-58, Apr 74
*AMINO ACIDS, analysis/ CHROMATOGRAPHY, GAS/ COMPARATIVE STUDY/ EVALUATION STUDIES/ *HYDANTOINS, analysis/ METHODS/ MICROCHEMISTRY/ PHOTOMETRY/ THIOHYDANTOINS, analysis/ TIME FACTORS
2548. Lamkin WM, Weatherford JW, Jones NS, et al: Analysis of methylthiohydantoins of amino acids by gas-liquid chromatography of their trimethylsilyl derivatives. *Anal Biochem* 58:422-38, Apr 74
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ARGININE/ CHROMATOGRAPHY, GAS/ COMPARATIVE STUDY/ EVALUATION STUDIES/ *HYDANTOINS, analysis/ HYDROXYLYSINE/ HYDROXYPROLINE/ METHODS/ PEPTIDES/ *PROTEINS/ SERINE, analysis/ SILICON/ THIOHYDANTOINS, analysis/ THREONINE, analysis/ TIME FACTORS
2549. Lanzo JL, Vera A: Steriometrische Rekonstruktion der Hypophyse und der Fossa hypophysaeos der Katze in zwei bestimmten Entwicklungsstufen. *Verh Anat Ges* 67:599-601, 1972 (Ger)
ANIMAL EXPERIMENTS/ CATS/ *MODELS, STRUCTURAL/ *PITUITARY GLAND, embryology
2550. Lancranjan I, Popescu HI: The eliminations of 17 hydroxycorticosteroids and total neutral 17 ketosteroids in subjects long-term occupationally exposed to ionizing radiations. *Health Phys* 26:575-7, Jun 74
ENVIRONMENTAL EXPOSURE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ *INDUSTRIAL MEDICINE/ 17-KETOSTEROIDS, urine/ MALE/ *RADIATION EFFECTS/ TIME FACTORS
2551. Lande S, Wied D de, Witter A: Unique pituitary peptides with behavioral-affecting activity. *Prog Brain Res* 39:421-7, 1973
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ HYPOPHYSECTOMY/ PEPTIDES, isolation & purification/ *PEPTIDES, pharmacodynamics/ *PITUITARY GLAND/ PITUITARY GLAND, physiology/ RATS/ SWINE
2552. Landefeld TD, McShan WH: Isolation and characterization of subunits from equine pituitary follicle-stimulating hormone. *J Biol Chem* 249:3527-31, 10 Jun 74
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISC/ FEMALE/ FSH, analysis/ *FSH, isolation & purification/ FSH, pharmacodynamics/ FUCOSE, analysis/ GALACTOSE, analysis/ GEL FILTRATION/ GLUCOSAMINE, analysis/ HEXOSAMINES, analysis/ HORSES/ HUMAN/ MACROMOLECULAR SYSTEMS/ MANNOSE, analysis/ MOLECULAR WEIGHT/ NEURAMINIC ACIDS, analysis/ PITUITARY GLAND, analysis/ RATS/ SPECIES SPECIFICITY/ UREA
2553. Landgraf WC: High-pressure chromatographic analysis of phenothiazine-related compounds. *Adv Biochem Psychopharmacol* 9:357-64, 1974
CHROMATOGRAPHY, instrumentation/ CHROMATOGRAPHY, ION EXCHANGE/ GLUCOCORTICOIDS, analysis/ METHODS/ *PHENOTHIAZINES, analysis/ SOLVENTS
2554. Landon J, Ratcliffe JG, Rees LH, et al: Tumour-associated hormonal products. *J Clin Pathol [Suppl]* 7:127-34, 1974 (58 ref.)
ADENOCARCINOMA, metabolism/ ARGININE/ BILIARY TRACT DISEASES, metabolism/ BRONCHIAL NEOPLASMS, metabolism/ CARCINOMA, metabolism/ COLONIC NEOPLASMS, metabolism/ CORTICOTROPIN, secretion/ CUSHING'S SYNDROME, complications/ ERYTHROPOIETIN, secretion/ FSH, secretion/ GONADOTROPINS, CHORIONIC, secretion/ GYNECOMASTIA, complications/ *HORMONES, ECTOPIC, secretion/ HUMAN/ HYPERCALCEMIA, complications/ LACTATION DISORDERS, complications/ LH, secretion/ LUNG NEOPLASMS, metabolism/ MODELS, BIOLOGICAL/ *NEOPLASMS, metabolism/ NEOPLASTIC ENDOCRINE-LIKE SYNDROMES, metabolism/ PARANGLIOMA, metabolism/ POLYCYTHEMIA, complications/ PROLACTIN, secretion/ REVIEW/ SOMATOTROPIN, secretion/ THYROID NEOPLASMS, metabolism/ VASOPRESSIN, secretion
2555. Lane JM, Steinberg ME: Inhibition of disuse osteoporosis by diphosphonates. *Surg Forum* 23:473-4, 1972
ALCOHOL, ETHYL, therapeutic use/ ANIMAL EXPERIMENTS/ HYDROCARBONS, CHLORINATED/ MALE/ METHANE/ *ORGANOPHOSPHORUS COMPOUNDS, therapeutic use/ *OSTEOPOROSIS, prevention & control/ *PHOSPHONIC ACIDS, therapeutic use
2556. Lang H, Anttila R, Sv  kus A, et al: EEG findings in juvenile rheumatoid arthritis and other connective tissue diseases in children. *Acta Paediatr Scand* 63:373-80, May 74
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIMALARIALS, therapeutic use/ ARTHRITIS, JUVENILE RHEUMATOID, complications/ ARTHRITIS, JUVENILE RHEUMATOID, drug therapy/ *ARTHRTIS, JUVENILE RHEUMATOID, physiopathology/ *BRAIN, physiopathology/ DERMATOMYOSITIS, physiopathology/ *ELECTROENCEPHALOGRAPHY/ FEMALE/ GOLD, therapeutic use/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, physiopathology/ MALE/ PHENYLBUTAZONE, therapeutic use/ PSORIASIS, physiopathology/ SALICYLATES, therapeutic use/ SCLERODERMA, CIRCUMSCRIBED, physiopathology/ SEX FACTORS
2557. Lang U, Karlaganis G, Vogel R, et al: Hormone-receptor

AUTHOR SECTION

interactions. Adrenocorticotrophic hormone binding site increase in isolated fat cells by phenoxazones. *Biochemistry* 13:2626-33, 4 Jun 74

ACTINOMYCIN, pharmacodynamics/ ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, enzymology/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, pharmacodynamics/ BINDING SITES/ *CARRIER PROTEINS, metabolism/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ *CORTICOTROPIN, metabolism/ DACTINOMYCIN, pharmacodynamics/ DICARBOXYLIC ACIDS, pharmacodynamics/ EPIDIDYMS/ KINETICS/ LIPIDS, metabolism/ MALE/ *OXAZINES, pharmacodynamics/ PEPTIDES, metabolism/ RATS/ *RECEPTORS, HORMONE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRITIUM

2558. Lange AP, Secher NJ, Pedersen GT: Abortus provocatus med ekstraamniotisk instillation af prostaglandin F₂ alfa.

Ugeskr Laeger 136:1147-50, 20 May 74 (Dan)
*ABORTION, INDUCED/ AMNION/ ENGLISH ABSTRACT/ FEMALE/ FEVER, chemically induced/ HUMAN/ INJECTIONS/ PROSTAGLANDINS, adverse effects/ *PROSTAGLANDINS, therapeutic use/ TIME FACTORS/ UTERINE HEMORRHAGE, chemically induced/ VOMITING, chemically induced

2559. Langer GA, Frank JS, Tillisch JH: Coupling calcium in mammalian myocardium: its source and control. *Adv Cardiol* 12:162-73, 1974 (21 ref.)

ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE, physiology/ BINDING SITES/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ CELLS, CULTURED/ HEART SEPTUM, cytology/ IN VITRO/ *LANTHANUM, pharmacodynamics/ MICROSCOPY, ELECTRON/ *MYOCARDIUM, metabolism/ PERFUSION/ POTASSIUM, metabolism/ REVIEW/ *SODIUM, metabolism/ SODIUM ISOTOPES

2560. Langer GA, Serena SD, Nudd LM: Cation exchange in heart cell culture: correlation with effects on contractile force. *J Mol Cell Cardiol* 6:149-61, Apr 74

ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BASEMENT MEMBRANE, metabolism/ BINDING, COMPETITIVE/ BINDING SITES/ CADMIUM, metabolism/ CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ *CATIONS, DIVALENT/ CELLS, CULTURED/ *HEART, physiology/ IN VITRO/ LANTHANUM, metabolism/ MAGNESIUM, metabolism/ MANGANESE, metabolism/ MUSCLE CONTRACTION, drug effects/ *MYOCARDIUM, metabolism/ PAPILLARY MUSCLES, drug effects/ RATS/ ZINC, metabolism

2561. Langham RA: A state health department assesses undernutrition. *J Am Diet Assoc* 65:18-23, Jul 74

ANEMIA, occurrence/ DEATH CERTIFICATES/ FEMALE/ HEALTH AND WELFARE PLANNING/ HUMAN/ LOUISIANA/ MALE/ MASS SCREENING/ NEGROES/ *NUTRITION/ NUTRITION DISORDERS, diagnosis/ *NUTRITION DISORDERS, occurrence/ NUTRITION DISORDERS, prevention & control/ NUTRITION DISORDERS, therapy/ NUTRITION SURVEYS/ *POPULATION SURVEILLANCE/ PUBLIC ASSISTANCE/ *PUBLIC HEALTH/ RICKETS, occurrence/ SCURVY, occurrence/ UNITED STATES

2562. Langslow DR, Lewis RJ: Alterations with age in composition and lipolytic activity of adipose tissue from male and female chickens.

Br Poult Sci 15:267-73, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ AGE FACTORS/ ANIMAL EXPERIMENTS/

BUTYRATES, pharmacodynamics/ *CHICKENS, metabolism/ DNA, biosynthesis/ FEMALE/ GLUCAGON, pharmacodynamics/ GLYCERIN, biosynthesis/ IN VITRO/ MALE/ NOREPINEPHRINE, pharmacodynamics/ PROTEINS, biosynthesis/ SEX FACTORS/ THEOPHYLLINE, pharmacodynamics/ TRIGLYCERIDES, biosynthesis/ WATER, metabolism

2563. Lansdown AB, Cold CR: Pathological changes in pregnant mice infected with Coxsackie B3 virus as a possible cause of retarded foetal development. *Br J Exp Pathol* 55:101-9, Apr 74

ACUTE DISEASE/ ANIMAL EXPERIMENTS/ APPETITE/ BODY WEIGHT/ *COXSACKIE VIRUS INFECTIONS, complications/ FEMALE/ FETAL DEATH, etiology/ *FETAL DISEASES, etiology/ *FETUS, growth & development/ GESTATIONAL AGE/ HEPATITIS, etiology/ HISTOCYTOCHEMISTRY/ LIVER, pathology/ NUTRITION DISORDERS, etiology/ ORGAN WEIGHT/ PANCREAS, pathology/ PANCREATITIS, etiology/ PLACENTA DISORDERS, etiology/ PREGNANCY, ANIMAL/ *PREGNANCY COMPLICATIONS, INFECTIOUS, complications

2564. Lanzani GA, Giannattasio M, Manzocchi LA, et al: The influence of cyclic GMP on polypeptide synthesis in a cell-free system derived from wheat embryo. *Biochem Biophys Res Commun* 58:172-7, 7 May 74

CARBON RADIOISOTOPES/ CELL-FREE SYSTEM/ GEL FILTRATION/ GUANINE NUCLEOTIDES/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ PEPTIDE CHAIN ELONGATION, drug effects/ PEPTIDE ELONGATION FACTORS/ PEPTIDES, biosynthesis/ PHENYLALANINE/ *PLANT PROTEINS, biosynthesis/ PLANTS, cytology/ PLANTS, drug effects/ *PLANTS, metabolism/ POLY U, metabolism/ RIBOSOMES, drug effects/ RIBOSOMES, metabolism/ RNA, TRANSFER, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STIMULATION, CHEMICAL/ TRITIUM/ WHEAT, cytology/ WHEAT, drug effects/ WHEAT, metabolism

2565. Lapayowker MS, Ronis ML: Problems in tumors of the ethmoid and sphenoid sinuses.

Adv Otorhinolaryngol 21:19-31, 1974
ADOLESCENCE/ ADULT/ AGED/ ANGIOGRAPHY/ CARCINOMA, radiography/ CARCINOMA, EPIDERMAL, radiography/ CAROTID ARTERIES, radiography/ EPISTAXIS, etiology/ ETHMOID SINUS, anatomy & histology/ *ETHMOID SINUS, radiography/ EXOPHTHALMOS, etiology/ FEMALE/ HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ MUCOCELE, radiography/ NASAL POLYPS, radiography/ ORBIT, blood supply/ PARANASAL SINUS NEOPLASMS, complications/ *PARANASAL SINUS NEOPLASMS, radiography/ PHLEBOGRAPHY/ SELLA TURCICA, radiography/ SKULL, radiography/ SPHENOID SINUS, anatomy & histology/ *SPHENOID SINUS, radiography/ SUBTRACTION TECHNIC, instrumentation/ TOMOGRAPHY, RADIOGRAPHIC/ TUBERCULOSIS, OSTEOARTICULAR, radiography

2566. Laragh JH: Hypertension, pressor agents, and cardiovascular injury: introduction.

Prog Cardiovasc Dis 17:1-4, Jul-Aug 74
*BLOOD PRESSURE, drug effects/ *HEART, drug effects/ *HEART DISEASES, etiology/ HUMAN/ *HYPERTENSION, complications/ HYPERTENSION, pathophysiology/ MASSACHUSETTS/ RENIN, blood/ VASCULAR DISEASES, etiology

2567. Larbrisseau A, Geoffroy G, Lussalle R: Association d'un neuroblastome avec un syndrome de polymyoclonie-opsone.

Union Med Can 103:1691-4, Aug 73 (Fre)
ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, diagnosis/ ADRENAL GLAND

AUTHOR SECTION

- NEOPLASMS, radiotherapy/ ADRENAL GLAND NEOPLASMS, surgery/ CEREBELLAR ATAXIA, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MYOCLONUS, etiology/ *NEUROBLASTOMA, complications/ NEUROBLASTOMA, diagnosis/ NEUROBLASTOMA, radiotherapy/ NEUROBLASTOMA, surgery/ *NYSTAGMUS, etiology/ SPEECH DISORDERS, etiology/ *STRABISMUS, etiology
2568. Lareng L: Interferenze tra farmaci usati in anestesia-rianimazione nelle fasi pre-, per- e post-operatorie e vari tipi di medicamenti. *Minerva Anestesiol* 38:81-125, Feb 72 (Ita)
ANDROGENS, pharmacodynamics/ *ANESTHETICS, pharmacodynamics/ ANTIBIOTICS, pharmacodynamics/ ANTIHISTAMINICS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BARBITURATES, pharmacodynamics/ DISULFIRAM, pharmacodynamics/ *DRUG INTERACTIONS/ DRUG SYNERGISM/ ESTROGENS, pharmacodynamics/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ PANCREATIC HORMONES, pharmacodynamics/ PIPERAZINES, pharmacodynamics/ *PREANESTHETIC MEDICATION/ PROCAINE, pharmacodynamics/ *RESUSCITATION/ SULFONAMIDES, pharmacodynamics/ TRANQUILIZING AGENTS, pharmacodynamics/ TUBOCURARINE, pharmacodynamics/ WATER-ELECTROLYTE BALANCE, drug effects
2569. Larsen JF, Gregersen E, Nielsen KR: Komplikationer ved abortus provocatus legalis 1971-72. *Ugeskr Laeger* 136:940-1, 22 Apr 74 (Dan)
*ABORTION, INDUCED, adverse effects/ ABORTION, LEGAL/ DENMARK/ EXTRACTION, OBSTETRICAL/ FEMALE/ HUMAN/ PREGNANCY/ PROSTAGLANDINS, therapeutic use/ SODIUM CHLORIDE, therapeutic use/ TIME FACTORS
2570. Larsson C, Anggård E: Increased juxtamedullary blood flow on stimulation of intrarenal prostaglandin biosynthesis. *Eur J Pharmacol* 25:326-34, Mar 74
ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, pharmacodynamics/ CERIUM ISOTOPES/ CHROMATOGRAPHY, GAS/ CHROMIUM RADIOISOTOPES/ INDOMETHACIN, pharmacodynamics/ KIDNEY, metabolism/ *KIDNEY CORTEX, blood supply/ KIDNEY MEDULLA, blood supply/ MALE/ MICROSPHERES/ OXIDATION-REDUCTION/ PERFUSION/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, urine/ RABBITS/ RADIOISOTOPES/ REGIONAL BLOOD FLOW, drug effects/ TIME FACTORS/ TRITIUM
2571. Lashmanova AP, Lebedeva MV, Nikitina LV, et al: Ekskretsiia fraktsii 17-okskortikosteroidov y bol'nykh ékzemoi nefrodermatitom. *Vestn Dermatol Venerol* 47:16-20, Dec 73 (Rus)
ADULT/ CHRONIC DISEASE/ COMPARATIVE STUDY/ *ECZEMA, urine/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ MIDDLE AGE/ *NEURODERMATITIS, urine
2572. Lassman MN, Mulrow PJ: Deficiency of deoxycorticosterone-binding protein in the hypothalamus of rats resistant to deoxycorticosterone-induced hypertension. *Endocrinology* 94:1541-6, Jun 74
ALDOSTERONE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, cytology/ BRAIN CHEMISTRY, drug effects/ COMPARATIVE STUDY/ CORTICOSTERONE, metabolism/ CYTOSOL, metabolism/ *DESOXYCORTICOSTERONE, metabolism/ DEXAMETHASONE, metabolism/ HYPOTHALAMUS, cytology/ *HYPOTHALAMUS, metabolism/ MALE/ PROGESTERONE, metabolism/ PROTEIN BINDING/ *PROTEINS, metabolism/ RATS/ TESTOSTERONE, metabolism/ TRITIUM
2573. László F, Mónus Z: Oestrogen-, ACTH-, cortison-adagolás, valamint hypophysectomia hatása a féldallal vesehilus-leszorítás okozta histológiai elváltozásokra. *Morphol Igazságügyi Orv Sz* 14:8-12, Jan 74 (Hun)
ANIMAL EXPERIMENTS/ ANOXIA, complications/ *CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, adverse effects/ *CORTISONE, administration & dosage/ CORTISONE, adverse effects/ ENGLISH ABSTRACT/ ESTROGENS, adverse effects/ *ESTRONE, administration & dosage/ HYPOPHYSECTOMY/ ISCHEMIA, complications/ KIDNEY, drug effects/ KIDNEY, pathology/ *KIDNEY, physiology/ *KIDNEY CORTEX NECROSIS, etiology/ KIDNEY CORTEX NECROSIS, prevention & control/ KIDNEY TUBULES, drug effects/ KIDNEY TUBULES, pathology/ LIGATION
2574. László J: A nem kialakulása és a sexuális fejlődés zavarainak elméleti alpjai. *Orv Hetil* 114:1403-11, 17 Jun 73 (21 ref.) (Hun)
ANEUPLOIDY/ CHROMOSOME ABERRATIONS/ FEMALE/ *GENES/ GENES, REGULATOR/ GENES, STRUCTURAL/ GENES, SUPPRESSOR/ HUMAN/ MALE/ MUTATION/ PHENOTYPE/ REVIEW/ *SEX CHROMOSOME ABNORMALITIES, etiology/ *SEX DIFFERENTIATION DISORDERS, etiology
2575. Lattanzi WE: Perinatal morbidity and mortality committee. Case history and commentary. *Conn Med* 38:251-2, May 74
ADULT/ AMNIOCENTESIS/ CASE REPORT/ ESTRIOL, urine/ FEMALE/ *FETAL DEATH/ HUMAN/ INFANT, NEWBORN/ LABOR PRESENTATION/ PLACENTAL LACTOGEN, analysis/ PREGNANCY/ *PREGNANCY, PROLONGED
2576. Laubinger G: Ein Fall von Myxödemkoma. *Dtsch Med Wochenschr* 99:843-5, 29 Mar 74 (Ger)
AGED/ ALANINE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ COMA, enzymology/ *COMA, etiology/ CREATINE KINASE, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROXYBUTYRATE DEHYDROGENASE, blood/ LACTATE DEHYDROGENASE, blood/ *MYXEDEMA, complications/ MYXEDEMA, enzymology/ PULMONARY EMBOLISM, etiology
2577. Laudanno O, Benetti Aprosio P, Busnelli L, et al: Nuestra conducta en el tratamiento de la embolia pulmonar grave. *Angiología* 26:170-3, Jul 74 (Spa)
ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ NORMETANEPHRINE, therapeutic use/ *PULMONARY EMBOLISM, drug therapy
2578. Laudanski T, Artych J: Zawartość 3-alfa, 20-alfa pregnandiolu oraz gonadotropiny kosmówkowej w moczu kobiet ciężarnych leczonych z powodu niewydolności szynki macicy. *Pol Tyg Lek* 29:605-7, 15 Apr 74 (Pol)
*CERVIX INCOMPETENCE, urine/ ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, urine/ *PREGNANEDIOL, urine/ TIME FACTORS
2579. Laurence BR, Simpson MG: Cell replication in the follicular epithelium of the adult mosquito. *J Insect Physiol* 20:703-15, Apr 74
ANIMAL EXPERIMENTS/ EPITHELIAL CELLS, cytology/ FEMALE/ MITOSIS/ *MOSQUITOES, cytology/ OVARY, cytology/ PUPA, cytology
2580. Lares JC, Catanzano G, Loubet MA, et al: Goniotome sur dysgénésie ovarienne. A propos de deux observations.

AUTHOR SECTION

Arch Anat Pathol (Paris) 22:61-4, Mar 74 (Fre)
 *DISGERMINOMA, complications/
 DISGERMINOMA, pathology/ FEMALE/
 HUMAN/ *OVARIAN NEOPLASMS,
 complications/ OVARIAN NEOPLASMS,
 pathology/ *TURNER'S SYNDROME,
 complications

2581. Laurin CA, Gariépy R, Derome A: Synovectomy of the knee in rheumatoid arthritis.
 Clin Orthop 101:36-9, Jun 74
 ARTHRITIS, RHEUMATOID, drug therapy/
 ARTHRITIS, RHEUMATOID, pathology/
 ARTHRITIS, RHEUMATOID, physiotherapy/
 *ARTHRTIS, RHEUMATOID, surgery/
 CARTILAGE, ARTICULAR, pathology/
 CORTISONE, therapeutic use/ DEBRIDEMENT/
 FOLLOW-UP STUDIES/ HUMAN/ KNEE,
 physiotherapy/ *KNEE, surgery/ METHODS/
 POSTOPERATIVE CARE/ *SYNOVIAL
 MEMBRANE, surgery

2582. Lauritzen C: Folgen nach Hysterektomie.
 Med Klin 69:509-10, 22 Mar 74 (Ger)
 ADULT/ COITUS/ FEMALE/ HUMAN/
 *HYSTERECTOMY, adverse effects/ MALE/
 NEUROSES, etiology/ OVARY, physiology/
 SEX DISORDERS, etiology

2583. Lauritzen C: Implantation oder Injektion.
 Z Allgemeinmed 50:257, 20 Feb 74 (Ger)
 FEMALE/ HUMAN/ *HYSTERECTOMY/
 INJECTIONS, INTRAVENOUS/ MIDDLE AGE/
 *POSTOPERATIVE COMPLICATIONS, drug
 therapy/ *SEX HORMONES, administration &
 dosage

2584. Laursen B, Thiede T: Purpura anaphylactoides. Et tilfaelde med fulminant forløb og mikroangiopatisk haemolytisk anaemi.
 Ugeskr Laeger 136:1158-61, 20 May 74 (Dan)
 ANAPHYLAXIS/ *ANEMIA, HEMOLYTIC,
 etiology/ ANEMIA, HEMOLYTIC, immunology/
 ANTIBIOTICS, therapeutic use/ AUTOPSY/
 BIOPSY/ ENGLISH ABSTRACT/ HEPARIN,
 therapeutic use/ HUMAN/
 HYPERSENSITIVITY/ MALE/ PREDNISONE,
 therapeutic use/ PURPURA, drug therapy/
 *PURPURA, immunology/ PURPURA,
 pathology/ SKIN, pathology

2585. Lauste LW: Dr. Richard Russell 1687-1759.
 Proc R Soc Med 67:327-30, May 74
 ENDOCRINE DISEASES, history/ EXOCRINE
 GLANDS/ GREAT BRITAIN/ HISTORICAL
 ARTICLE/ HISTORICAL BIOGRAPHY/
 HUMAN/ LYMPHATIC DISEASES, history

2586. Lauttamus A, Kasanen A, Oksala E, et al: Oral manifestations in uremia.
 Proc Finn Dent Soc 70:50-6, Apr 74
 ADULT/ DENTAL HEALTH SURVEYS/
 DENTITION/ DENTURE, COMPLETE/
 DENTURE, PARTIAL/ FEMALE/ HUMAN/
 *KIDNEY FAILURE, CHRONIC, complications/
 MALE/ MIDDLE AGE/ MOUTH,
 EDENTULOUS/ *ORAL MANIFESTATIONS/
 OSTEOPOROSIS, etiology/ SALIVA, analysis/
 SMELL/ STOMATITIS/ TASTE/ UREA,
 analysis/ UREA, blood/ XEROSTOMIA

2587. Lavigne JE, Brown CS, Machiedo GW, et al: The treatment of experimental peritonitis with intraperitoneal betadine solution.
 J Surg Res 16:307-11, Apr 74
 ABSORPTION/ ADHESIONS, chemically
 induced/ ANIMAL EXPERIMENTS/
 CEPHALOTHIN, therapeutic use/
 COMPARATIVE STUDY/ DISEASE MODELS,
 ANIMAL/ ESCHERICHIA COLI INFECTIONS,
 complications/ INJECTIONS,
 INTRAPERITONEAL/ IODINE, metabolism/
 KANAMYCIN, therapeutic use/ *PERITONITIS,
 drug therapy/ PERITONITIS, etiology/
 *POLYVINYLPIRROLIDONE, therapeutic use/
 POVIDONE-IODINE, administration & dosage/
 POVIDONE-IODINE, therapeutic use/
 POVIDONE-IODINE, toxicity/
 PROTEIN-BOUND IODINE TEST/ RATS

2588. Lavignette AM: Differential diagnosis and treatment of anterior uveitis. Vet Clin North Am 3:503-14, Sep 73
 ANIMAL EXPERIMENTS/ ANTIHYPERTENSIVE,
 therapeutic use/ CYCLOPLEGICS, therapeutic
 use/ DIAGNOSIS, DIFFERENTIAL/ DOG
 DISEASES, drug therapy/ DOG DISEASES,
 etiology/ GLUCOCORTICIDS,
 therapeutic use/ HEPATITIS, CANINE
 INFECTIOUS, complications/ HORSE
 DISEASES, drug therapy/ HORSE DISEASES,
 etiology/ HORSES/ LEPTOSPIROSIS,
 veterinary/ MYDRIATICS, therapeutic use/
 ONCHOCERCIASIS, veterinary/ OPHTHALMIA,
 veterinary/ UVEITIS, diagnosis/ UVEITIS,
 drug therapy/ UVEITIS, etiology/ UVEITIS,
 immunology/ *UVEITIS, veterinary

2589. Lawson JE, Dennis RD, Majewski RF, et al: Diarylcylobutane analogs of diethylstilbestrol.
 J Med Chem 17:383-6, Apr 74
 ANIMAL EXPERIMENTS/ CASTRATION/
 COMPARATIVE STUDY/ *CONTRACEPTIVES,
 POSTCOITAL, chem synthesis/
 CONTRACEPTIVES, POSTCOITAL,
 pharmacodynamics/ CYCLIZATION/
 *CYCLOBUTANES, chem synthesis/
 CYCLOBUTANES, pharmacodynamics/
 *DIETHYLSTILBESTROL/
 DIETHYLSTILBESTROL, pharmacodynamics/
 FEMALE/ NUCLEAR MAGNETIC
 RESONANCE/ RATS

2590. Lawzewitsch I von, Monastirsky R: Neuro-glandular junctions in the pars intermedia of the rabbit.
 Acta Anat (Basel) 87:409-13, 1974
 ANIMAL EXPERIMENTS/ CYTOPLASMIC
 GRANULES/ EPITHELIAL CELLS, cytology/
 FREUND'S ADJUVANT/
 HEMAGGLUTINATION TESTS/ LH,
 pharmacodynamics/ MICROSCOPY,
 ELECTRON/ PITUITARY GLAND, drug
 effects/ *PITUITARY GLAND, innervation/
 RABBITS/ *RABBITS, anatomy & histology/
 SYNAPSES

2591. Lax ER, Schriebers H: Delta4-3 beta-hydroxysteroid dehydrogenase activity in rat liver. Intracellular distribution and sex dependency.
 Eur J Biochem 42:561-6, 1 Mar 74
 ANDROSTENOLS/ ANIMAL EXPERIMENTS/
 CARBON RADIOISOTOPES/ CELL
 FRACTIONATION/ CELL-FREE SYSTEM/
 CHROMATOGRAPHY, PAPER/ COMPARATIVE
 STUDY/ CYTOSOL, enzymology/ FEMALE/
 *HYDROXYSTEROID DEHYDROGENASES,
 metabolism/ KINETICS/ LIVER, cytology/
 *LIVER, enzymology/ MALE/ MICROSOMES,
 LIVER, enzymology/ NAD/ NADP/
 PREGNENES/ RATS/ SEX FACTORS/
 SPECTROPHOTOMETRY/ TIME FACTORS/
 ULTRACENTRIFUGATION

2592. Lazarus BA, Tessier AN: Polyorchidism with normal spermatogenesis. Urology 3:615-6, May 74
 ADOLESCENCE/ BIOPSY/ EPIDIDYMIS,
 anatomy & histology/ HUMAN/ MALE/
 SCROTUM, surgery/ SEMINAL VESICLES,
 anatomy & histology/ *SPERMATOGENESIS/
 *TESTIS, abnormalities/ TESTIS, cytology/
 TESTIS, embryology/ VAS DEFERENS,
 anatomy & histology

2593. Lazarus HM, Hopfenbeck A: Ischemic damage to nuclei is not altered by steroids. J Surg Res 16:404-11, Apr 74
 ANIMAL EXPERIMENTS/ *CELL NUCLEUS,
 drug effects/ CELL NUCLEUS, metabolism/
 ISCHEMIA, metabolism/ *ISCHEMIA,
 pathology/ KIDNEY, blood supply/ *KIDNEY,
 cytology/ MALE/ *METHYLPREDNISOLONE,
 pharmacodynamics/ MOLECULAR WEIGHT/
 RATS/ *RNA, biosynthesis/ RNA, metabolism

2594. Lazarus JM, Hampers C, Merrill JP: Hypertension in chronic renal failure. Treatment with hemodialysis and nephrectomy.
 Arch Intern Med 133:1059-66, Jun 74 (76 ref.)
 ANTIHYPERTENSIVE AGENTS, therapeutic
 use/ BRAIN DISEASES, etiology/ CARDIAC
 OUTPUT/ EXTRACELLULAR SPACE/
 FUROSEMIDE, therapeutic use/ HEART

AUTHOR SECTION

- FAILURE, CONGESTIVE, etiology/
 *HEMODIALYSIS/ HORMONES, adverse effects/ HUMAN/ HYPERTENSION, RENAL, complications/ HYPERTENSION, RENAL, drug therapy/ HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, occurrence/ HYPERTENSION, RENAL, physiopathology/ HYPERTENSION, RENAL, prevention & control/ HYPERTENSION, RENAL, surgery/ *HYPERTENSION, RENAL, therapy/ KIDNEY, physiopathology/ *KIDNEY FAILURE, CHRONIC, complications/ NEPHRECTOMY/ PAPILLEDEMA, etiology/ PRESSORECEPTORS, physiopathology/ RENIN, blood/ REVIEW/ UREMIA, complications
2595. Lazorthes Y, Bayard F, Zadeh J, et al: Utilisation de la chlorpromazine et de la microchirurgie trans-sphénoïdale dans le traitement de l'acromégalie (étude dynamique de la sécrétion de l'hormone de croissance). *Neurochirurgie* 19:603-10, Dec 73 (Fre)
 ACROMEGALY, drug therapy/ ACROMEGALY, etiology/ *ACROMEGALY, therapy/ ADENOMA, complications/ ADENOMA, physiopathology/ *ADENOMA, therapy/ *CHLORPROMAZINE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *MICROSURGERY/ NEOPLASTIC ENDOCRINE-LIKE SYNDROMES/ PITUITARY GLAND FUNCTION TESTS/ PITUITARY NEOPLASMS, complications/ PITUITARY NEOPLASMS, physiopathology/ *PITUITARY NEOPLASMS, therapy/ *SOMATOTROPIN, secretion/ SPHENOID BONE
2596. Leach CS, Rambaut FC, Johnson PC: Adrenocortical responses of the Apollo 17 crew members. *Aerosp Med* 45:529-34, May 74
 *ADRENAL GLANDS, physiology/ ADULT/ ALDOSTERONE, metabolism/ ALDOSTERONE, urine/ ANGIOTENSIN, metabolism/ *AVIATION MEDICINE/ BODY COMPOSITION/ EXTRACELLULAR SPACE/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, metabolism/ HYDROCORTISONE, urine/ 17-HYDROXYCORTICOSTEROIDS, metabolism/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ POTASSIUM, blood/ POTASSIUM, metabolism/ *SPACE FLIGHT/ UNITED STATES
2597. Leamy L: Heritability of osteometric traits in a randombred population of mice. *J Hered* 65:109-20, Mar-Apr 74
 ANIMAL EXPERIMENTS/ BIOMETRY/ *BONE AND BONES, anatomy & histology/ BONE DEVELOPMENT/ EXTRACHROMOSOMAL INHERITANCE/ FEMALE/ GENE FREQUENCY/ MALE/ MICE, anatomy & histology/ POLYMORPHISM (GENETICS)/ PROBABILITY/ *SELECTION (GENETICS)/ SEX FACTORS/ *VARIATION (GENETICS)
2598. Leask JT, Watson J, Anderson FB: Proceedings: Binding of porcine 125 I-labelled luteinizing hormone by luteal tissues under superfused conditions. *J Endocrinol* 61:xxii, Apr 74
 ANIMAL EXPERIMENTS/ CHLORAMINES, pharmacodynamics/ *CORPUS LUTEUM, metabolism/ FEMALE/ IN VITRO/ IODINE RADIOISOTOPES/ *LH, metabolism/ PROTEIN BINDING/ SERUM ALBUMIN, RADIO-IODINATED/ SWINE
2599. Leatham JH, Albrecht ED: Effect of age on testis delta5-3beta-hydroxysteroid dehydrogenase in the rat. *Proc Soc Exp Biol Med* 145:1212-4, Apr 74
 *AGING/ ANIMAL EXPERIMENTS/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ *HYDROXYSTEROID DEHYDROGENASES, metabolism/ MALE/ ORGAN WEIGHT/ PROTEINS, metabolism/ RATS/ STIMULATION, CHEMICAL/ TESTIS, anatomy & histology/ *TESTIS, enzymology
2600. Leblanc P, Clauser H: Study of the mitochondrial phosphate carrier in the course of calcium phosphate accumulation: a requirement for Mg²⁺ and ADP of its sensitivity to thiol reagents. *Biochim Biophys Acta* 347:193-201, 22 May 74
 *ADENOSINE DIPHOSPHATE, pharmacodynamics/ BIOLOGICAL TRANSPORT/ *CALCIUM, metabolism/ CHELATING AGENTS, pharmacodynamics/ COMPARATIVE STUDY/ DIURETICS, MERCURIAL, pharmacodynamics/ ETHYLMALIMIDE, pharmacodynamics/ *MAGNESIUM, pharmacodynamics/ MERCAPTOETHANOL, pharmacodynamics/ MITOCHONDRIA, MUSCLE, drug effects/ *MITOCHONDRIA, MUSCLE, metabolism/ MITOCHONDRIAL SWELLING, drug effects/ MYOCARDIUM/ OXIDATIVE PHOSPHORYLATION, drug effects/ OXYGEN CONSUMPTION, drug effects/ *PHOSPHATES, metabolism/ PHOSPHORUS RADIOISOTOPES/ *RECEPTORS, DRUG, drug effects/ SPECTROPHOTOMETRY/ *SULFHYDRYL REAGENTS, pharmacodynamics/ SWINE/ TIME FACTORS
2601. Le Brigand H, Pernod J, Lefebvre P, et al: Anémie aiguë, révélatrice d'un thymome chez une myasthénique ancienne. *Ann Med Interne (Paris)* 124:841-6, Nov 73 (Fre)
 ACUTE DISEASE/ *ANEMIA, APLASTIC, etiology/ AUTOANTIBODIES, analysis/ BLOOD CELL COUNT/ ERYTHROCYTES/ FEMALE/ HUMAN/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, analysis/ *MYASTHENIA GRAVIS, complications/ *THYMOMA, complications/ THYMOMA, diagnosis/ *THYMUS NEOPLASMS, complications/ THYMUS NEOPLASMS, diagnosis
2602. Lechi A, Huber W, Mengoli C, et al: Utilità della determinazione del sodio scambiabile nella diagnosi e nella valutazione del trattamento dell'iperaldosteronismo primitivo. *Folia Endocrinol (Roma)* 27:212-23, Apr 74 (Ita)
 ADENOMA, complications/ ADRENAL GLAND DISEASES, complications/ ADRENAL GLAND NEOPLASMS, complications/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM, diagnosis/ HYPERALDOSTERONISM, etiology/ HYPERALDOSTERONISM, therapy/ HYPERPLASIA/ HYPERTROPHY/ MALE/ MIDDLE AGE/ *SODIUM, metabolism
2603. Lecks HI, Kravis LP, Wood DW: Clinical experiences with the use of cromolyn sodium in asthmatic children. *Clin Pediatr (Phila)* 13:420-5, May 74
 ABSENTEEISM/ ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ASTHMA, classification/ *ASTHMA, drug therapy/ ASTHMA, prevention & control/ CHILD/ CLINICAL RESEARCH/ *DISODIUM CROMOGLYCATE, therapeutic use/ FEMALE/ HUMAN/ MALE/ PLACEBOS/ SCHOOLS
2604. Lecluse-van der Bilt FA, Hagemeijer A, Smit EM, et al: An infant with an XXXYY karyotype. *Clin Genet* 5:263-70, 1974
 BODY HEIGHT/ BODY WEIGHT/ DERMATOGLYPHICS/ FIBROBLASTS, cytology/ GENES/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ KARYOTYPING/ 17-KETOSTEROIDS, urine/ *KLINEFELTER'S SYNDROME, familial & genetic/ KLINEFELTER'S SYNDROME, urine/ LYMPHOCYTES, cytology/ MALE/ MICROSCOPY, FLUORESCENCE/ SEX CHROMATIN
2605. Ledingham JM: Ätiologie und pathogenese der Hypertonie. *Internist (Berlin)* 15:114-23, Mar 74 (Ger)
 ANGIOTENSIN, physiology/ BLOOD PRESSURE/ BLOOD VOLUME/ CATECHOLAMINES, metabolism/ CHRONIC DISEASE/ ENVIRONMENTAL HEALTH/ HEART, physiopathology/ HEMODYNAMICS/ HUMAN/ *HYPERTENSION, etiology/ HYPERTENSION, familial & genetic/ HYPERTENSION, MALIGNANT, physiopathology/ HYPERTENSION, RENAL, physiopathology/ KIDNEY, physiopathology/ KIDNEY FAILURE, CHRONIC,

AUTHOR SECTION

- physiopathology/ PRESSORECEPTORS,
physiopathology/ RENAL ARTERY
OBSTRUCTION, physiopathology/ RENIN,
physiology/ SODIUM, physiology
2606. Le Douarin N, Fontaine J, Le Lièvre C: New studies on the neural crest origin of the avian ultimobranchial glandular cells--interspecific combinations and cytochemical characterization of C cells based on the uptake of biogenic amine precursors.
Histochemistry 38:297-305, 13 Mar 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ CHICKENS/ COMPARATIVE
STUDY/ DOPA, blood/ *DOPA, metabolism/
DOPAMINE, biosynthesis/
HISTOCYTOCHEMISTRY/ MICROSCOPY,
ELECTRON/ MICROSCOPY, FLUORESCENCE/
QUAIL/ SPECIES SPECIFICITY/ STAINS
AND STAINING/ ULTIMOBRANCHIAL BODY,
cytology/ *ULTIMOBRANCHIAL BODY,
metabolism
2607. Ledovskaia SM: Svobodnye i svyazannye
11-okskortikosteroidy v estral'nom tsikle
laboratornykh gryzunov.
Probl Endokrinol (Mosk) 20:74-8, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ *ANIMALS,
LABORATORY, metabolism/ ENGLISH
ABSTRACT/ *ESTRUS/ FEMALE/ GEL
FILTRATION/ GUINEA PIGS/ HAMSTERS/
11-HYDROXYCORTICOSTEROIDS, blood/
*11-HYDROXYCORTICOSTEROIDS, metabolism/
PROTEIN BINDING/ RATS
2608. Lee AE, Rogers LA, Trinder G: Changes in cell
proliferation rate in mouse uterine epithelium during
continuous oestrogen treatment.
J Endocrinol 61:117-21, Apr 74
ANIMAL EXPERIMENTS/ CASTRATION/
DNA, biosynthesis/ EPITHELIUM,
drug effects/ ESTRADIOL, administration &
dosage/ *ESTRADIOL, pharmacodynamics/
FEMALE/ MICE/ MICE, INBRED C57BL/
*MITOSIS, drug effects/ THYMIDINE,
metabolism/ TRITIUM/ *UTERUS, cytology/
UTERUS, drug effects
2609. Lee PA, Blizzard RM: Serum gonadotropins in
hypothyroid girls with and without sexual precocity.
Johns Hopkins Med J 135:55-60, Jul 74
ANTIBODIES, analysis/ BINDING,
COMPETITIVE/ BLOOD UREA NITROGEN/
FEMALE/ *FSH, blood/ GROWTH
DISORDERS, etiology/ HUMAN/
*HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, complications/
HYPOTHYROIDISM, diagnosis/
HYPOTHYROIDISM, drug therapy/ IODINE
RADIOISOTOPES, diagnostic use/ *LH, blood/
PROTEIN BINDING/ *PUBERTY,
PRECOCIOUS, etiology/
RADIOIMMUNOASSAY/ RADIOISOTOPE
SCANNING/ THYROGLOBULIN/ THYROID
GLAND, immunology/ THYROID HORMONES,
therapeutic use/ THYROTROPIN, blood/
THYROXINE, blood
2610. Lee PA, Thompson RG, Blizzard RM: Relationship of
the adrenergic nervous system and growth hormone
release in normal adults and children with various
growth disorders. Metabolism 23:595-601, Jul 74
ARGININE, administration & dosage/
ARGININE, pharmacodynamics/
COMPARATIVE STUDY/ CORTICOTROPIN,
administration & dosage/ CORTICOTROPIN,
pharmacodynamics/ DWARFISM, metabolism/
EPINEPHRINE, administration & dosage/
EPINEPHRINE, pharmacodynamics/ *GROWTH
DISORDERS, metabolism/ HUMAN/
HYPOPHYSECTOMY, metabolism/ INFUSIONS,
PARENTERAL/ INSULIN, administration &
dosage/ INSULIN, pharmacodynamics/
PROPRANOLOL, administration & dosage/
PROPRANOLOL, pharmacodynamics/
*RECEPTORS, ADRENERGIC/
SOMATOTROPIN, blood/ *SOMATOTROPIN,
metabolism/ STIMULATION, CHEMICAL/
*SYMPATHETIC NERVOUS SYSTEM,
metabolism
2611. Lee S, Condon JK, Chandler JG, et al: The effect of Eck
fistula upon intrasplenic ovarian neoplasm formation.
Surg Forum 23:110-2, 1972
ANIMAL EXPERIMENTS/ FEMALE/ LH,
blood/ NEOPLASM TRANSPLANTATION/
*OVARIAN NEOPLASMS, surgery/
*PORTACAVAL ANASTOMOSIS/
PROGESTERONE, blood/ *SPLENIC
NEOPLASMS, surgery/ TRANSPLANTATION,
AUTOLOGOUS
2612. Lee SJ, Johnson JG, Smith CJ, et al: Renal effects of
prostaglandin A1 in patients with essential
hypertension. Kidney Int 1:254-62, Apr 72
BLOOD/ BLOOD PRESSURE, drug effects/
DIURESIS/ GLOMERULAR FILTRATION
RATE/ HUMAN/ *HYPERTENSION,
physiopathology/ INFUSIONS, PARENTERAL/
INULIN, blood/ INULIN, urine/ *KIDNEY,
drug effects/ KIDNEY, physiopathology/
KIDNEY CONCENTRATING ABILITY, drug
effects/ KIDNEY TUBULES, PROXIMAL,
metabolism/ OSMOLAR CONCENTRATION/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics/
REGIONAL BLOOD FLOW, drug effects/
SODIUM, blood/ SODIUM, metabolism/
SODIUM, pharmacodynamics/ SODIUM, urine/
URINE/ WATER, metabolism
2613. Leenen FH, Shapiro AP: Effect of intermittent electric
shock on plasma renin activity in rats.
Proc Soc Exp Biol Med 146:534-8, Jun 74
ANIMAL EXPERIMENTS/ CORTICOSTERONE,
blood/ DEXAMETHASONE, pharmacodynamics/
*ELECTROSHOCK/ GLUCOCORTICOID,
physiology/ HYPOPHYSECTOMY/ MALE/
PHENTOLAMINE, pharmacodynamics/
PITUITARY GLAND, physiology/
PROPRANOLOL, pharmacodynamics/ *RENIN,
blood/ *STRESS/ TIME FACTORS
2614. Leeuwen JF van: Verwerking van K.I.-gegevens op een
computer.
Tijdschr Diergeneesk 97:271-7, 15 Feb 72 (Dut)
ANIMAL EXPERIMENTS/ AUTOMATIC DATA
PROCESSING/ COMPUTERS/ ENGLISH
ABSTRACT/ FEMALE/ *INSEMINATION,
ARTIFICIAL, veterinary/ LACTATION/
MALE/ PEDIGREE/ SWINE/ VETERINARY
MEDICINE
2615. Lefterink JG, Leclercq PA: Direct coupling of
high-resolution open-hole glass tubular columns to a
mass spectrometer for biochemical applications.
J Chromatogr 91:385-91, 24 Apr 74
AMINO ACIDS, analysis/
*CHROMATOGRAPHY, GAS, instrumentation/
GLASS/ PEPTIDES, analysis/ PESTICIDES,
analysis/ *SPECTRUM ANALYSIS, MASS,
instrumentation/ STEROIDS, analysis
2616. Lefevre G Jr: The one band-one gene hypothesis:
evidence from a cytogenetic analysis of mutant and
nonmutant rearrangement breakpoints in *Drosophila*
melanogaster.
Cold Spring Harbor Symp Quant Biol 38:591-9, 1973
ANIMAL EXPERIMENTS/ *CHROMOSOME
ABERRATIONS/ CHROMOSOME MAPPING/
CHROMOSOMES/ DNA/ DROSOPHILA
MELANOGASTER, cytology/ *DROSOPHILA
MELANOGASTER, radiation effects/ FEMALE/
*GENES/ GENES, LETHAL/ GENES,
RECESSIVE/ MALE/ *MUTATION/
*RADIATION GENETICS/ SEX
CHROMOSOMES
2617. Lefkowitz RJ: (3H)norepinephrine binding: unrelated
to catechol-O-methyl transferase.
Biochem Biophys Res Commun 58:1110-8, 18 Jun 74
ANIMAL EXPERIMENTS/ BINDING SITES/
*CATECHOL METHYLTRANSFERASE,
metabolism/ COMPARATIVE STUDY/
CYTOSOL, metabolism/ EPINEPHRINE,
metabolism/ EPINEPHRINE,
pharmacodynamics/ KIDNEY, cytology/
KIDNEY, metabolism/ LIVER, metabolism/
METHYL ETHERS, pharmacodynamics/
MICROSOMES, drug effects/ *MICROSOMES,
metabolism/ MICROSOMES, LIVER, drug

AUTHOR SECTION

- effects/ MICROSOMES, LIVER, metabolism/ MUSCLES, cytology/ MUSCLES, metabolism/ MYOCARDIUM, cytology/ MYOCARDIUM, metabolism/ *NOREPINEPHRINE, metabolism/ *RECEPTORS, HORMONE/ SPLEEN, cytology/ SPLEEN, metabolism/ TRITIUM
2618. Lefranc G, Pradal G, Dubin JC, et al: Caractérisation histochimique des cellules glc à fluorescence vert-pâle de l'épithélium antral du lapin. Leur correspondance avec les cellules à gastrine. *Histochemistry* 38:319-29, 13 Mar 74 (Fre)
ANIMAL EXPERIMENTS/ *CHROMAFFIN SYSTEM, cytology/ CHROMAFFIN SYSTEM, drug effects/ COMPARATIVE STUDY/ DOPA, pharmacodynamics/ ENGLISH ABSTRACT/ EPITHELIAL CELLS, cytology/ EVALUATION STUDIES/ FEMALE/ FERRICYANIDES/ FORMALDEHYDE/ FREEZE DRYING/ *GASTRIC MUCOSA, cytology/ GASTRIC MUCOSA, secretion/ *GASTRIN, secretion/ HISTOCYTOCHEMISTRY/ LEAD/ MALE/ METHODS/ MICROSCOPY, FLUORESCENCE/ ORGAN SPECIFICITY/ SILVER/ STAINS AND STAINING
2619. Legault C, Leuillet M: Etude de quelques facteurs de variation du poids de l'embryon et du placenta chez la truie primipare au trentième jour de la gestation. *Ann Biol Anim Biochim Biophys* 13:25-36, 1973 (Fre)
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CERVIX UTERI, physiology/ COMPARATIVE STUDY/ *EMBRYO, physiology/ ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ MATHEMATICS/ ORGAN WEIGHT/ OVARY, physiology/ PLACENTA, anatomy & histology/ *PLACENTA, physiology/ SWINE/ TIME FACTORS/ UTERUS, physiology
2620. Legendre AM, Dade AW: Calcinosis circumscripta in a dog. *J Am Vet Med Assoc* 164:1192-4, 15 Jun 74
ANIMAL EXPERIMENTS/ CALCINOSIS, pathology/ CALCINOSIS, radiography/ *CALCINOSIS, veterinary/ *DOG DISEASES/ DOG DISEASES, pathology/ DOG DISEASES, radiography/ FOOT DISEASES, pathology/ FOOT DISEASES, radiography/ *FOOT DISEASES, veterinary/ GOUT, pathology/ GOUT, radiography/ GOUT, veterinary/ HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, veterinary/ KIDNEY DISEASES, complications/ KIDNEY DISEASES, veterinary/ MALE
2621. Legrand J, Maurat JC: Contribution à l'étude du syndrome de Rubinstein-Taybi. A propos de deux nouvelles observations. *Arch Ophtalmol (Paris)* 33:641-60, Oct 73 (Fre)
*ABNORMALITIES, MULTIPLE, diagnosis/ BONE AND BONES, abnormalities/ CHILD/ CHILD, PRESCHOOL/ CRYPTORCHISM, etiology/ DIAGNOSIS, DIFFERENTIAL/ DWARFISM, etiology/ ENGLISH ABSTRACT/ EYE, abnormalities/ FACE, abnormalities/ HALLUX, abnormalities/ HUMAN/ MENTAL RETARDATION, complications/ *MENTAL RETARDATION, diagnosis/ NEUROLOGIC MANIFESTATIONS/ PSYCHOMOTOR DISORDERS, etiology/ RUBINSTEIN-TAYBI SYNDROME, diagnosis/ RUBINSTEIN-TAYBI SYNDROME, familial & genetic/ THUMB, abnormalities
2622. Lehmkuhl G, Tamm J: Die Wirkung einer intravenösen Infusion von menschlichem Choriongonadotropin (HCG) auf die Urinausscheidung von Testosteron, Epitestosteron und Östrogenen bei normalen Männern. *Endokrinologie* 62:376-86, 1973 (Ger)
ADULT/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ *ESTROGENS, urine/ *GONADOTROPINS, CHORIONIC, administration & dosage/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ *TESTOSTERONE, urine
2623. Lehniger AL: Role of phosphate and other proton-donating anions in respiration-coupled transport of Ca²⁺ by mitochondria. *Proc Natl Acad Sci USA* 71:1520-4, Apr 74
ACETATES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANIONS/ ARSENIC, pharmacodynamics/ BICARBONATES, pharmacodynamics/ BIOLOGICAL TRANSPORT ACTIVE, drug effects/ BUTYRATES, pharmacodynamics/ *CALCIUM, metabolism/ CHLORATES, pharmacodynamics/ ELECTRON TRANSPORT/ HYDROXYBUTYRATES, pharmacodynamics/ LACTATES, pharmacodynamics/ *MITOCHONDRIA, LIVER, metabolism/ MITOCHONDRIAL SWELLING/ NITRATES, pharmacodynamics/ OXIDATIVE PHOSPHORYLATION/ OXYGEN CONSUMPTION/ PERCHLORIC ACIDS, pharmacodynamics/ *PHOSPHATES, pharmacodynamics/ RATS/ THIOCYANATES, pharmacodynamics
2624. Lehr HJ, Werner H, Rudorff KH, et al: T3-Thyreotoxikose bei dreijährigem Kind. *Dtsch Med Wochenschr* 99:1406-7, 28 Jun 74 (Ger)
AGE DETERMINATION BY SKELETON/ BONE DEVELOPMENT/ DIARRHEA, diagnosis/ ENGLISH ABSTRACT/ EXOPHTHALMOS, diagnosis/ FEMALE/ GROWTH DISORDERS, diagnosis/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ PSYCHOMOTOR DISORDERS, diagnosis/ THYROID GLAND FUNCTION TESTS/ THYROTROPIN, blood/ THYROXINE, blood/ *TRIIODOTHYRONINE, blood
2625. Leighton FW: Problems faced by hypertensive patients. *Med J Aust* 2:Suppl:13-5, 11 Aug 73
ADRENERGIC BETA RECEPTOR BLOCKADERS, adverse effects/ ALLOPURINOL, therapeutic use/ BLOOD PRESSURE/ CONTRACEPTIVES, ORAL, adverse effects/ DIURETICS, adverse effects/ FEMALE/ GENERAL PRACTICE/ HUMAN/ *HYPERTENSION/ HYPERTENSION, diagnosis/ HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ HYPERTENSION, radiography/ MASS SCREENING/ METABOLIC DISEASES, drug therapy/ METHYLDOPA, adverse effects/ MIDDLE AGE/ PHYSICIAN-PATIENT RELATIONS/ URIC ACID, blood/ UROGRAPHY
2626. Leinweber W, Mühlenkamp H, Erb W: Einfluss einer Phenobarbitalbehandlung auf die Gesamt- und Einzelgallensäuren in Serum und Leber von gesunden Ratten und Ratten mit einer ANIT-Cholestase. *Verh Dtsch Ges Inn Med* 79:955-6, 1973 (Ger)
ANIMAL EXPERIMENTS/ *BILE ACIDS AND SALTS, analysis/ BILE ACIDS AND SALTS, blood/ CHOLESTASIS, chemically induced/ *CHOLESTASIS, drug therapy/ LIVER, analysis/ *PHENOBARBITAL, therapeutic use/ RATS/ THIOCYANATES
2627. Leinzinger E: "Hairless Woman", der männliche Scheinzwitter mit testikulärer Feminisierung. *Wien Med Wochenschr* 124:443-8, 6 Jul 74 (Ger)
CHILD DEVELOPMENT/ ESTROGENS, therapeutic use/ FEMALE/ GENITALIA, FEMALE, surgery/ *HAIR/ HUMAN/ MALE/ *PSEUDOHERMAPHRODITISM, complications/ PSEUDOHERMAPHRODITISM, diagnosis/ PSEUDOHERMAPHRODITISM, drug therapy/ PSEUDOHERMAPHRODITISM, surgery/ *TESTICULAR FEMINIZATION, complications/ TESTICULAR FEMINIZATION, diagnosis/ TESTICULAR FEMINIZATION, drug therapy
2628. Lemann J Jr, Lennon EJ: Role of diet, gastrointestinal tract and bone in acid-base homeostasis. *Kidney Int* 1:275-9, May 72 (26 ref.)
*ACID-BASE EQUILIBRIUM/ ACIDOSIS, complications/ ACIDOSIS, metabolism/ ACIDS, biosynthesis/ ACIDS, metabolism/ ACIDS, urine/ ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ *BONE AND BONES, physiology/ BONE DEVELOPMENT/ BONE RESORPTION/ BUFFERS/ CALCIUM, metabolism/ CARBON DIOXIDE, metabolism/ CARBONATES, metabolism/ *DIET/ FECES, analysis/ *GASTROINTESTINAL SYSTEM, physiology/ HUMAN/ KIDNEY, physiology/

AUTHOR SECTION

OSTEOMALACIA, etiology/ PHOSPHORUS, metabolism/ REVIEW

2629. Lemay A, Labrie F, Drouin D: Stability of secretory granules containing growth hormone and prolactin from bovine anterior pituitary gland.

Can J Biochem 52:327-35, Apr 74

ADENOSINE TRIPHOSPHATASE, metabolism/ CATTLE/ DRUG STABILITY/ ELECTROPHORESIS, DISC/ HYDROGEN-ION CONCENTRATION/ LYSOLECITHIN/ MICROSCOPY, ELECTRON/ NUCLEOTIDES, CYCLIC, pharmacodynamics/ ORGANIDS, drug effects/ ORGANIDS, metabolism/ OSMOLAR CONCENTRATION/ OUABAIN, pharmacodynamics/ PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, metabolism/ *PITUITARY GLAND, secretion/ PROLACTIN, secretion/ RIBONUCLEOTIDES, pharmacodynamics/ SODIUM DODECYL SULFATE/ SOLUBILITY/ *SOMATOTROPIN, secretion/ TEMPERATURE/ TIME FACTORS

2630. Leme CE, Coslovsky R, Wajchenberg BL: Ionized calcium in normal human serum: determination with specific electrode and by tetramethylmurexide. Biomedicine [Express] 19:431-4, 10 Oct 73

*CALCIUM, blood/ ELECTRODES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERPARATHYROIDISM, blood/ HYPOPARATHYROIDISM, blood/ INDICATORS AND REAGENTS/ METHODS/ STATISTICS/ UREMIA, blood

2631. Lemon HM, Reilly D: Genotypic variations in Caucasian leukocyte estradiol 16 hydroxylase activity: a measurable determinant of breast cancer risk? Nebr Med J 59:151-5, May 74

ADULT/ AGED/ BREAST NEOPLASMS, blood/ BREAST NEOPLASMS, enzymology/ *BREAST NEOPLASMS, familial & genetic/ CAUCASIAN RACE/ ESTRADIOL/ FEMALE/ GENOTYPE/ HUMAN/ *LEUKOCYTES, enzymology/ MALE/ MIDDLE AGE/ *STEROID HYDROXYLASES, blood

2632. Lemon HM, Thiessen EU: Summary and recommendations of the workshop on breast cancer. Cancer 33:1740-3, Jun 74

ANIMAL EXPERIMENTS/ BREAST, pathology/ *BREAST NEOPLASMS, diagnosis/ BREAST NEOPLASMS, pathology/ BREAST NEOPLASMS, prevention & control/ BREAST NEOPLASMS, radiography/ COMMUNITY HEALTH SERVICES/ ESTRIOL, therapeutic use/ EXUDATES AND TRANSUDATES, analysis/ FEMALE/ MAMMOGRAPHY/ MASS SCREENING/ THERMOGRAPHY

2633. LeMorvan P, Palaic D, Park WK: The blockade of angiotensin action by 8-leu-angiotensin on the guinea-pig aortic strip.

Can J Physiol Pharmacol 52:236-9, Apr 74

*ANGIOTENSIN II, antagonists & inhibitors/ ANGIOTENSIN II, pharmacodynamics/ ANIMAL EXPERIMENTS/ *AORTA, THORACIC, drug effects/ BARIUM, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HISTAMINE, pharmacodynamics/ IN VITRO/ LEUCINE/ MALE/ NOREPINEPHRINE, pharmacodynamics/ POTASSIUM CHLORIDE, pharmacodynamics/ SEROTONIN, pharmacodynamics/ TIME FACTORS

2634. Lenartowski E: Zmiany w narządzie ruchu u dorosłych z przewlekłą hipofosfatemią i moczkową fosforanową. Wiad Lek 27:581-5, Apr 74 (Pol)

ADULT/ AGE FACTORS/ BODY HEIGHT/ FEMALE/ HUMAN/ *HYPOPHOSPHATEMIA, FAMILIAL, complications/ MALE/ MIDDLE AGE/ PEDIGREE/ *PHOSPHATES, urine/ *POLYURIA, complications/ *RICKETS, etiology

2635. Lender M, Jacobsohn WZ, Menczel J: Letter: Calcium-binding protein in hypophosphatemic osteomalacia. Ann Intern Med 81:120, Jul 74

*CALCIUM, metabolism/ HUMAN/ MALE/

OSTEOMALACIA, blood/ *OSTEOMALACIA, metabolism/ *PHOSPHATES, blood/ PROTEIN BINDING

2636. Lendrum J: Surgical treatment of lichen planus of the soles. Br J Plast Surg 27:171-5, Apr 74

BETAMETHASONE, therapeutic use/ CHRONIC DISEASE/ FEMALE/ FOOT, microbiology/ *FOOT DERMATOSES, surgery/ GENTAMICIN, therapeutic use/ HUMAN/ LICHEN PLANUS, drug therapy/ LICHEN PLANUS, physopathology/ *LICHEN PLANUS, surgery/ METHODS/ SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS/ VALERATES, therapeutic use

2637. Lentrodt L, Bull HG: Tierexperimentelle Untersuchungen zur Frage der Gewebeschädigung durch höchsttouriges Bohren und Fräsen im Knochen. Dtsch Zahnärztl Z 99:230-6, Feb 73 (Ger)

ANIMAL EXPERIMENTS/ *BONE AND BONES, injuries/ BONE REGENERATION/ *DENTAL HIGH SPEED TECHNIC, adverse effects/ DOGS/ ENGLISH ABSTRACT/ HEAT/ MICROSCOPY, FLUORESCENCE

2638. Lenzi G: Menopausa precoce.

Minerva Ginecol 26:186-91, Mar 74 (Ita)

AGE FACTORS/ ESTROGENS, secretion/ FEMALE/ HUMAN/ HYPERTENSION, etiology/ *MENOPAUSE/ OSTEOPOROSIS, etiology/ OVARY, physiology/ TIME FACTORS

2639. Leonard BE: The effect of two synthetic ACTH analogues on the metabolism of biogenic amines in the rat brain.

Arch Int Pharmacodyn Ther 207:242-53, Feb 74

AMINO ACIDS, metabolism/ AMINOBTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ AVOIDANCE LEARNING/ BEHAVIOR, ANIMAL, drug effects/ *BIOGENIC AMINES, metabolism/ *BRAIN, metabolism/ CARBON RADIOISOTOPES/ CATECHOLAMINES, metabolism/ *CORTICOTROPIN, pharmacodynamics/ DOPAMINE, metabolism/ FLUOROMETRY/ HYDROXYINDOLEACETIC ACID, metabolism/ MALE/ METHYLYTYROSINES, pharmacodynamics/ NOREPINEPHRINE, metabolism/ PEPTIDES, pharmacodynamics/ RATS/ SEROTONIN, metabolism/ TIME FACTORS/ TRYPTOPHAN, metabolism/ TYROSINE, metabolism

2640. Leppäluoto J, Ranta T, Lybeck H, et al: Effect of TRH, and short-term exposure to experimental stress or cold on the serum immunoassayable TSH concentration in the rat.

Acta Physiol Scand 90:640-4, Mar 74

ANIMAL EXPERIMENTS/ *COLD/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ RADIOIMMUNOASSAY/ RATS/ STIMULATION, CHEMICAL/ *STRESS/ *THYROTROPIN, blood/ THYROTROPIN RELEASING HORMONE, administration & dosage/ *THYROTROPIN RELEASING HORMONE, pharmacodynamics/ TIME FACTORS

2641. Leppäluoto J, Ranta T, Tuomisto J: Diurnal variation of serum immunoassayable thyrotropin (TSH) concentration in the rat.

Acta Physiol Scand 90:699-702, Apr 74

ANIMAL EXPERIMENTS/ *CIRCADIAN RHYTHM/ FEMALE/ MALE/ RADIOIMMUNOASSAY/ RATS/ SEX FACTORS/ *THYROTROPIN, blood/ TIME FACTORS/ VAGINAL SMEARS

2642. Leroy F, Bogaert C, Van Hoeck J, et al: Cytophotometric and autoradiographic evaluation of cell kinetics in decidua growth in rats.

J Reprod Fertil 38:441-9, Jun 74

ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CASTRATION/ CYTOLOGICAL TECHNIQS/ *DECIDUA, cytology/ DECIDUA, growth & development/ DNA, analysis/ ESTRADIOL, pharmacodynamics/ FEMALE/ MITOSIS/ PHOTOMETRY/ PROGESTERONE,

AUTHOR SECTION

- pharmacodynamics/ THYMIDINE, metabolism/
TRITIUM
2643. Lescop J, Morin CL: Le syndrome de Reye.
Union Med Can 102:1875-80, Sep 73 (Fre)
ADRENAL CORTEX HORMONES, therapeutic
use/ APNEA, etiology/ BIOPSY, NEEDLE/
BLOOD TRANSFUSION/ *BRAIN DISEASES,
diagnosis/ ELECTROENCEPHALOGRAPHY/
ENGLISH ABSTRACT/ *FATTY LIVER,
diagnosis/ FEVER, etiology/ HEPATIC COMA,
etiology/ HUMAN/ LIVER, pathology/ MALE/
NEOMYCIN, therapeutic use/ PERITONEAL
DIALYSIS/ REYE'S SYNDROME, blood/
REYE'S SYNDROME, diagnosis/ REYE'S
SYNDROME, drug therapy/ REYE'S
SYNDROME, therapy/ UNCONSCIOUSNESS,
etiology/ VITAMIN K, therapeutic use/
VOMITING, etiology
2644. Leszczyński B, Goch JH: Współistnienie nadczynności
tarczycy i niewydolności kory nadnerczy.
Pol Tyg Lek 29:847-8, 20 May 74 (Pol)
*ADRENAL GLAND HYPOFUNCTION,
complications/ ENGLISH ABSTRACT/
HUMAN/ HYPERKALEMIA, diagnosis/
*HYPERTHYROIDISM, complications/ MALE/
SYNDROME
2645. Letts PJ, Melstrich ML, Bruce WR, et al: Glycoprotein
glycosyltransferase levels during spermatogenesis in
mice. Biochim Biophys Acta 343:192-207, 20 Mar 74
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ CENTRIFUGATION,
DENSITY GRADIENT/ FUCOSE/
GALACTOSE/ GLUCOSAMINE/ GUANOSINE/
*HEXOSYLTRANSFERASES, metabolism/
MALE/ MICE/ MICE, INBRED STRAINS/
NUCLEOSIDE DIPHOSPHATE SUGARS,
metabolism/ *SPERMATOGENESIS/
SPERMATOCYTES, enzymology/ STERILITY,
MALE, enzymology/ *TESTIS, enzymology/
TESTIS, growth & development/ TRYPSIN/
URIDINE DIPHOSPHATE SUGARS,
metabolism/ VAS DEFERENS, enzymology
2646. Levey GS, Fletcher MA, Klein I, et al: Characterization
of 125I-glucagon binding in a solubilized preparation
of cat myocardial adenylate cyclase. Further evidence
for a dissociable receptor site.
J Biol Chem 249:2665-73, 10 May 74
*ADENYL CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ BINDING SITES/ CATS/
CEPHALINS, pharmacodynamics/
DETERGENTS, pharmacodynamics/ DRUG
STABILITY/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ ENZYME
ACTIVATION/ GEL FILTRATION/
GLUCAGON/ *GLUCAGON, metabolism/
GLUCAGON, pharmacodynamics/
HYDROGEN-ION CONCENTRATION/ IODINE
RADIOISOTOPES/ ISOTOPE LABELING/
LIVER, enzymology/ MODELS, CHEMICAL/
*MYOCARDIUM, enzymology/
RIBONUCLEOTIDES, pharmacodynamics/
SODIUM DODECYL SULFATE/ SOLUBILITY/
TEMPERATURE/ TIME FACTORS/ UREA,
pharmacodynamics
2647. Levey GS, Martin S, Levey BA, et al: 125I-glucagon
binding and adenylate cyclase activation in the fetal
rat heart. Proc Soc Exp Biol Med 146:425-31, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
analysis/ *ADENYL CYCLASE, metabolism/
ANIMAL EXPERIMENTS/ ENZYME
ACTIVATION, drug effects/ GESTATIONAL
AGE/ *GLUCAGON, metabolism/ *HEART,
embryology/ HISTOCYTOCHEMISTRY/ IODINE
RADIOISOTOPES/ MYOCARDIUM, enzymology/
*MYOCARDIUM, metabolism/ RECEPTORS,
HORMONE
2648. Levine MD: Letter: Confirmation of antenatally
detected fetal abnormality. Lancet 1:995, 18 May 74
*ABORTION, INDUCED/ FEMALE/ *FETAL
DISEASES, diagnosis/ HUMAN/ PREGNANCY/
PRENATAL DIAGNOSIS/ PROTAGLANDINS,
administration & dosage/ TISSUE SURVIVAL
2649. Levine MS, Schwartzbaum JS, Lidsky TI: Effects of
amygdaloid lesions upon FR performance in rats.
Behav Biol 10:511-8, Apr 74
*AMYGDALOID BODY, physiology/ ANIMAL
EXPERIMENTS/ BODY WEIGHT/
*CONDITIONING, OPERANT/ DRINKING/
FOOD DEPRIVATION/ FRUSTRATION/
MALE/ MOTIVATION/ RATS/
*REINFORCEMENT SCHEDULE/ REWARD/
SEPTUM PELLUCIDUM, physiology/
SUCROSE/ TASTE
2650. Levine RA: Effect of prostaglandin E1 on hepatic cyclic
AMP activity, carbohydrate and lipid metabolism.
Prostaglandins 6:509-21, 25 Jun 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ALCOHOL,
ETHYL, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BILE/ EPINEPHRINE,
pharmacodynamics/ *FATTY ACIDS,
NONESTERIFIED, metabolism/ GLUCAGON,
pharmacodynamics/ *GLUCOSE, metabolism/
*LIVER, drug effects/ LIVER, metabolism/
LIVER GLYCOGEN, metabolism/ MALE/
*PROTAGLANDINS, pharmacodynamics/ TIME
FACTORS/ TRIGLYCERIDES, metabolism
2651. Levine S, Gibson JP, Megel H: Selective depletion of
thymus dependent areas in lymphoid tissue by
thiorone. Proc Soc Exp Biol Med 146:245-8, May 74
ADRENAL GLANDS, physiology/
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
DIETHYLAMINES, pharmacodynamics/
FEMALE/ *FLUORENES, pharmacodynamics/
LYMPH NODES, drug effects/ *LYMPHOCYTE
DEPLETION/ *LYMPHOID TISSUE, drug
effects/ MALE/ MICE/ PEYER'S PATCHES,
drug effects/ RATS/ SPLEEN, drug effects/
SPLEEN, physiology/ SPLENECTOMY/
THYMECTOMY/ THYMUS GLAND, drug
effects/ THYMUS GLAND, physiology/ TIME
FACTORS
2652. Levitan IB, Barondes SH: Octopamine- and
serotonin-stimulated phosphorylation of specific
protein in the abdominal ganglion of Aplysia
californica. Proc Natl Acad Sci USA 71:1145-8, Apr 74
ANIMAL EXPERIMENTS/ DIBUTYRYL
CYCLIC AMP, pharmacodynamics/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ *GANGLIA, drug effects/
METHYLERGIDE, pharmacodynamics/
MOLECULAR WEIGHT/ *MOLLUSCA, drug
effects/ *NERVE TISSUE PROTEINS,
metabolism/ NORSYNEPHRINE, antagonists &
inhibitors/ *NORSYNEPHRINE,
pharmacodynamics/ PHENTOLAMINE,
pharmacodynamics/ *PHOSPHATES,
metabolism/ PHOSPHOPROTEINS, analysis/
*PHOSPHOPROTEINS, biosynthesis/
*PHOSPHORUS RADIOISOTOPES/ SEROTONIN,
antagonists & inhibitors/ *SEROTONIN,
pharmacodynamics/ STIMULATION,
CHEMICAL
2653. Levitan R, Havivi E, Poppe L, et al: Amino acid
absorption and incorporation after hypophysectomy.
Am J Dig Dis 19:525-32, Jun 74
*AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ ANIMAL NUTRITION/ DIET/
GLYCINE, metabolism/ *HYPOPHYSECTOMY/
IN VITRO/ INTESTINAL ABSORPTION/
*INTESTINE, SMALL, metabolism/ LEUCINE,
metabolism/ METHIONINE, metabolism/
ORNITHINE, metabolism/ PITUITARY
GLAND, physiology/ PITUITARY GLAND,
surgery/ PROTEINS, biosynthesis/ RATS/
TIME FACTORS
2654. Levy RI, Morganroth J, Rifkind BM: Treatment of
hyperlipidemia.
N Engl J Med 290:1295-301, 6 Jun 74 (21 ref.)
ANTILIPEMIC AGENTS, therapeutic use/
BLOOD PROTEINS, analysis/ CHOLESTEROL,
blood/ CHOLESTYRAMINE, therapeutic use/
CHYLOMICRONS, blood/ CLOFIBRATE,
therapeutic use/ COSTS AND COST
ANALYSIS/ DIET THERAPY/ DRUG
THERAPY, COMBINATION/ HUMAN/
HYPERLIPIDEMIA, blood/ HYPERLIPIDEMIA,
classification/ *HYPERLIPIDEMIA, drug therapy/

AUTHOR SECTION

- HYPERLIPEMIA, metabolism/
 - HYPERLIPEMIA, therapy/ LIPOPROTEINS, blood/ LIPOPROTEINS, metabolism/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ NEOMYCIN, therapeutic use/ NICOTINIC ACID, therapeutic use/ PHOSPHOLIPIDS, blood/ REVIEW/ SITOSTEROLS, therapeutic use/ THYROXINE, therapeutic use/ TRIGLYCERIDES, blood
2655. Lewi PJ, Schaper WK, Gijpen LM: On the isometric equation of the sarcomere.
Basic Res Cardiol 69:21-31, Jan-Feb 74
ACTIN, metabolism/ BINDING SITES/ BIOMECHANICS/ CALCIUM, metabolism/ ELASTICITY/ EXERTION/ *HEART, physiology/ HUMAN/ MEROMYOSINS, metabolism/ *MODELS, BIOLOGICAL/ MUSCLE CONTRACTION/ *MYOCARDIUM, metabolism/ *MYOFIBRILS/ MYOSIN, metabolism/ PAPILLARY MUSCLES, metabolism/ PAPILLARY MUSCLES, physiology
2656. Lewis DO: The pharmacodynamics of depression and its relation to therapy.
Br J Clin Pract 28:21-7, Jan 74 (55 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, urine/ ADRENAL GLANDS, metabolism/ AMITRIPTYLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ BLOOD-BRAIN BARRIER, drug effects/ BRAIN CHEMISTRY/ *DEPRESSION/ DEXTRO AMPHETAMINE, pharmacodynamics/ FEMALE/ HUMAN/ HYDROCORTISONE, analysis/ IMIPRAMINE, pharmacodynamics/ IPRONIAZID, pharmacodynamics/ LITHIUM, metabolism/ LITHIUM, therapeutic use/ NOREPINEPHRINE, metabolism/ POTASSIUM, metabolism/ PUERPERIUM/ REACTION TIME/ REVIEW/ SEROTONIN, metabolism/ SHOCK THERAPY, ELECTRIC/ SODIUM, metabolism/ TRYPTOPHAN, metabolism
2657. Lewis KO, Levitt D: A study of the diurnal variation of plasma cortisol in normal subjects and hospitalised patients in Zambia. East Afr Med J 51:15-9, Jan 74
*CIRCADIAN RHYTHM/ CUSHING'S SYNDROME, blood/ *CUSHING'S SYNDROME, diagnosis/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ RACIAL STOCKS/ ZAMBIA
2658. Lewis PE, Bolt DJ, Inskeep EK: Pattern of luteinizing hormone release in progestin-treated ewes.
J Anim Sci 38:1204-9, Jun 74
ANIMAL EXPERIMENTS/ CRONOLONE, administration & dosage/ CRONOLONE, pharmacodynamics/ ESTRUS, drug effects/ FEMALE/ *LH, blood/ *PREGNEDIONES, pharmacodynamics/ SEASONS/ *SHEEP, physiology/ *STERIODS, FLUORINATED, pharmacodynamics/ TIME FACTORS/ VAGINA
2659. Lewis PE, Bolt DJ, Inskeep EK: Luteinizing hormone release and ovulation in anestrus ewes.
J Anim Sci 38:1197-203, Jun 74
ANIMAL EXPERIMENTS/ CRONOLONE, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ ESTRUS, drug effects/ FEMALE/ LACTATION/ *LH, blood/ *OVULATION/ PUERPERIUM/ PUTRESCINE, pharmacodynamics/ SEASONS/ *SHEEP, physiology/ TIME FACTORS
2660. Leyh F: Sulla terapia dell'acne volgare.
Minerva Med 65:1257-9, 28 Mar 74 (Ita)
*ACNE, therapy/ CONTRACEPTIVES, ORAL, therapeutic use/ DIET THERAPY/ MINOCYCLINE, therapeutic use/ OXYTETRACYCLINE, therapeutic use/ VITAMIN A, therapeutic use
2661. L'Hermite M, Robyn C, Golstein J, et al: Prolactin and thyrotropin in thyroid diseases: lack of evidence for a physiological role of thyrotropin-releasing hormone in the regulation of prolactin secretion.
Horm Metab Res 6:190-5, May 74
FEMALE/ HUMAN/ HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, metabolism/ MALE/ PROLACTIN, blood/ PROLACTIN, metabolism/ *PROLACTIN, secretion/ RADIOIMMUNOASSAY/ *THYROID DISEASES, metabolism/ THYROID DISEASES, physiopathology/ THYROIDITIS, metabolism/ THYROTROPIN, blood/ *THYROTROPIN, metabolism/ THYROTROPIN RELEASING HORMONE, metabolism/ *THYROTROPIN RELEASING HORMONE, physiology/ TRIIODOTHYRONINE, pharmacodynamics
2662. (Li Ch), : Classic pages in Obstetrics and Gynecology. Interstitial cell stimulating hormone. II. Method of preparation and some physico-chemical studies, by Choh Hao Li, Miriam E. Simpson, and Herbert M. Evans. Endocrinology, vol. 27, pp. 803-808, 1940. Am J Obstet Gynecol 17:716, 1 Nov 73
ANIMAL EXPERIMENTS/ *ENDOCRINOLOGY, history/ GYNECOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ *LH/ *LH, pharmacodynamics/ METHODS/ OBSTETRICS, history/ UNITED STATES
2663. Li CH, Graf L: Human pituitary growth hormone: isolation and properties of two biologically active fragments from plasmin digests.
Proc Natl Acad Sci USA 71:1197-201, Apr 74
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPLEMENT FIXATION TESTS/ ELECTROPHORESIS, DISC/ *FIBRINOLYSIS/ GEL FILTRATION/ HUMAN/ HYDROLYSIS/ MODELS, STRUCTURAL/ PEPTIDE FRAGMENTS, analysis/ *PEPTIDE FRAGMENTS, isolation & purification/ PEPTIDE FRAGMENTS, pharmacodynamics/ PIGEONS/ PROLACTIN/ RATS/ *SOMATOTROPIN, analysis/ TIBIA, drug effects
2664. Li SL, Hanlon J, Yanofsky C: Separation of anthranilate synthetase components I and II of Escherichia coli, Salmonella typhimurium, and Serratia marcescens and determination of their amino-terminal sequences by automatic Edman degradation.
Biochemistry 13:1736-44, 9 Apr 74
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ AMMONIUM SULFATE/ ANTHRANILATE SYNTHASE, analysis/ *ANTHRANILATE SYNTHASE, isolation & purification/ ANTHRANILIC ACID/ AUTOANALYSIS/ BACTERIA, growth & development/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GAS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ LIPASE/ MOLECULAR WEIGHT/ PENTOSEPHOSPHATES/ PENTOSYLTRANSFERASES, metabolism/ *SALMONELLA TYPHIMURIUM, enzymology/ *SERRATIA MARCESCENS, enzymology/ SODIUM DODECYL SULFATE/ SPECIES SPECIFICITY/ THIOCYANATES/ THIOHYDANTOINS/ TRYPTOPHAN, biosynthesis
2665. Liakakos D, Ikkos DG, Vlachos P, et al: Effect of ascorbic acid on urinary hydroxyproline of children receiving corticosteroids.
Arch Dis Child 49:400-3, May 74
*ASCORBIC ACID, pharmacodynamics/ BONE AND BONES, drug effects/ COLLAGEN, biosynthesis/ FEMALE/ HUMAN/ *HYDROXYPROLINE, urine/ MALE/ *PREDNISOLONE, pharmacodynamics/ PREDNISOLONE, therapeutic use/ RHEUMATIC FEVER, drug therapy
2666. Liakishev AA, Golikov AP: Serdechno-sosudistye efekty glukagona.
Kardiologiya 12:128-36, Jul 72 (Rus)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CARDIAC OUTPUT/ CORONARY CIRCULATION, drug effects/ DOGS/

AUTHOR SECTION

- ELECTROPHYSIOLOGY/ GLUCAGON, analysis/
*GLUCAGON, pharmacodynamics/ GLUCAGON,
therapeutic use/ *HEART, drug effects/
HEART CONDUCTION SYSTEM, drug effects/
*HEART DISEASES, drug therapy/
HEMODYNAMICS, drug effects/ HUMAN/
LIVER, drug effects/ MYOCARDIAL
INFARCT, drug therapy/ MYOCARDIUM,
enzymology/ MYOCARDIUM, metabolism/
SHOCK, CARDIOGENIC, drug therapy
2667. Libow LS, Ross F, Goldberg K: Letter: "One tablet per day" for osteoporosis: hypercalcemia.
Ann Intern Med 81:120-1, Jul 74
ERGOALCIFIEROL, administration & dosage/
*ERGOALCIFIEROL, adverse effects/
ERGOALCIFIEROL, therapeutic use/
FEMALE/ HUMAN/ *HYPERCALCEMIA,
chemically induced/ MALE/ *OSTEOPOROSIS,
drug therapy/ TABLETS
2668. Licata AA, Raisz LG: The release of glycoconjugates by rat parathyroid glands in tissue culture. II. Studies on uptake and incorporation of isotopically labeled glucosamine and characterization of the secreted material. Biochim Biophys Acta 343:17-33, 20 Mar 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ CALCIUM, pharmacodynamics/
CARBON RADIOISOTOPES/
CHROMATOGRAPHY, DEAE-CELLULOSE/
CHROMATOGRAPHY, ION EXCHANGE/
CHROMATOGRAPHY, PAPER/
CYCLOHEXIMIDE, pharmacodynamics/
DACTINOMYCIN, pharmacodynamics/ GEL
FILTRATION/ *GLUCOSAMINE, metabolism/
IN VITRO/ LIVER, metabolism/ MOLECULAR
WEIGHT/ ORGAN CULTURE/ ORGAN
SPECIFICITY/ PARATHYROID GLANDS, drug
effects/ *PARATHYROID GLANDS,
metabolism/ POLYSACCHARIDES,
biosynthesis/ RATS/ SALIVARY GLANDS,
metabolism/ THYROID GLAND, metabolism/
TRICHLOROACETIC ACID/ TRITIUM/
TRYPSIN/ ULTRACENTRIFUGATION
2669. Licht P: Luteinizing hormone (LH) in the reptilian pituitary gland. Gen Comp Endocrinol 22:463-9, Apr 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ FEMALE/ FROGS/ *LH, metabolism/
LIZARDS/ *PITUITARY GLAND, metabolism/
*REPTILES, physiology/ SNAKES/ TURTLES/
XENOPUS
2670. Licht P, Papkoff H: Separation of two distinct gonadotropins from the pituitary gland of the bullfrog Rana catesbeiana. Endocrinology 94:1587-94, Jun 74
AMMONIUM SULFATE/ ANIMAL
EXPERIMENTS/ CHICKENS/
CHROMATOGRAPHY, DEAE-CELLULOSE/
CHROMATOGRAPHY, ION EXCHANGE/
ELECTROPHORESIS/ FROGS/
*GONADOTROPINS, isolation & purification/
GONADOTROPINS, pharmacodynamics/
HYDROGEN-ION CONCENTRATION/
HYPOPHYSECTOMY/ LIZARDS/
NEURAMINIDASE, pharmacodynamics/
OVARY, drug effects/ PHOSPHORUS
RADIOISOTOPES/ *PITUITARY GLAND,
analysis/ RANA CATESBEIANA/ TESTIS, drug
effects/ THYROTROPIN, analysis
2671. Lichtensteiger W, Keller PJ: Tubero-infundibular dopamine neurons and the secretion of luteinizing hormone and prolactin: extrahypothalamic influences, interaction with cholinergic systems and the effect of urethane anesthesia.
Brain Res 74:279-303, 12 Jul 74
AMYGDALOID BODY, physiology/ ANIMAL
EXPERIMENTS/ ATROPINE, administration &
dosage/ ATROPINE, pharmacodynamics/
*BRAIN STEM, physiology/ *DOPAMINE,
metabolism/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ ELECTRIC
STIMULATION/ ESTRADIOL,
pharmacodynamics/ FEMALE/ HIPPOCAMPUS,
physiology/ HISTOCYTOCHEMISTRY/
HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
drug effects/
*HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
physiology/ *HYPOTHALAMUS, metabolism/
HYPOTHALAMUS, physiology/ LH, blood/
*LH, secretion/ *LIMBIC SYSTEM, physiology/
MICROSCOPY, FLUORESCENCE/ NEURAL
INTERCONNECTIONS, physiology/ OVARY,
physiology/ PROGESTERONE,
pharmacodynamics/ PROLACTIN, blood/
*PROLACTIN, secretion/
RADIOIMMUNOASSAY/ TEGMENTUM
MESENCEPHALI, physiology/ THALAMIC
NUCLEI, physiology/ *URETHANE,
pharmacodynamics
2672. Lico MC, Hoffmann A, Covian MR: Influence of some limbic structures upon somatic and autonomic manifestations of pain.
Physiol Behav 12:805-11, May 74
AMYGDALOID BODY, physiology/
ANALGESIA/ ANIMAL EXPERIMENTS/
*BEHAVIOR, ANIMAL/ CEREBRAL CORTEX,
physiology/ ELECTRIC STIMULATION/
ELECTROENCEPHALOGRAPHY/ FEMALE/
HIPPOCAMPUS, physiology/ *LIMBIC
SYSTEM, physiology/ MALE/ MOTOR
ACTIVITY/ NEURAL INTERCONNECTIONS/
*PAIN/ RESPIRATION/ SEPTUM
PELLUCIDUM, physiology/ STEREOTAXIC
TECHNIQUES/ THALAMUS, physiology/
VOCALIZATION, ANIMAL
2673. Lidbrink P, Corrodi H, Fuxe K: Benzodiazepines and barbiturates: turnover changes in central 5-hydroxytryptamine pathways.
Eur J Pharmacol 26:35-40, Apr 74
ANIMAL EXPERIMENTS/ *BENZAZEPINES,
pharmacodynamics/ *BRAIN CHEMISTRY, drug
effects/ CEREBRAL CORTEX, metabolism/
CHLORDIAZEPOXIDE, pharmacodynamics/
DIAZEPAM, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
MALE/ *PHENOBARBITAL,
pharmacodynamics/ RATS/ *SEROTONIN,
metabolism/ TRYPTOPHAN HYDROXYLASE,
antagonists & inhibitors
2674. Lidbrink P, Jonsson G: Noradrenaline nerve terminals in the cerebral cortex: effects on noradrenaline uptake and storage following axonal lesion with 6-hydroxydopamine. J Neurochem 22:617-26, May 74
ANIMAL EXPERIMENTS/ *AXONS,
physiology/ CEREBRAL CORTEX, cytology/
CEREBRAL CORTEX, drug effects/
*CEREBRAL CORTEX, metabolism/
CHROMATOGRAPHY, ION EXCHANGE/
CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ DOPAMINE,
metabolism/ HISTOCYTOCHEMISTRY/
*HYDROXYDOPAMINE, pharmacodynamics/
HYPOTHALAMUS, metabolism/ IN VITRO/
MALE/ METARAMINOL, metabolism/
MICROSCOPY, FLUORESCENCE/
NOREPINEPHRINE, biosynthesis/
*NOREPINEPHRINE, metabolism/ ORGAN
SPECIFICITY/ *RECEPTORS, ADRENERGIC,
drug effects/ SEROTONIN, metabolism/
STEREOTAXIC TECHNIQUES/ TIME FACTORS/
TRITIUM/ TYROSINE HYDROXYLASE,
metabolism
2675. Liedholm P, Astedt B: Fibrinolytic activity of the male reproductive organs in man.
Scand J Urol Nephrol 8:81-6, 1974
AUTOPSY/ BIOPSY/ BLOOD VESSELS/
*FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS,
metabolism/ HISTOCYTOCHEMISTRY/
HUMAN/ MALE/ METHODS/ PLASMINOGEN,
metabolism/ *PROSTATE, metabolism/
PROSTATE, pathology/ *SEMINAL VESICLES,
metabolism/ SEMINAL VESICLES, pathology/
*TESTIS, metabolism/ TESTIS, pathology/
TIME FACTORS/ *VAS DEFERENS,
metabolism/ VAS DEFERENS, pathology
2676. Llievens P: La psychiatrie de l'adolescent.
Acta Psychiatr Belg 73:630-53, Sep 73 (Fre)
ADOLESCENCE/ *ADOLESCENT
PSYCHIATRY/ AGE FACTORS/ BEHAVIOR/
COMMUNICATION/ ENGLISH ABSTRACT/
FAMILY THERAPY/ HUMAN/ MENTAL
DISORDERS, drug therapy/ MENTAL
DISORDERS, occurrence/ METHODS/

AUTHOR SECTION

PARENT-CHILD RELATIONS/
PHYSICIAN-PATIENT RELATIONS/
PSYCHOTHERAPY/ PUBERTY/ UNITED
STATES

2677. Lillie MA, Mink IB: Progestational agents and blood coagulation. VI. Relationship of ABO blood types to changes induced by oral contraceptives.
Am J Obstet Gynecol 119:406-10, 1 Jun 74
*ABO FACTORS/ *BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/
*CONTRACEPTIVES, ORAL, pharmacodynamics/ DRUG COMBINATIONS/
ETHINYL ESTRADIOL, pharmacodynamics/
FACTOR VII, analysis/ FACTOR X, analysis/
FEMALE/ HUMAN/ MESTRANOL, pharmacodynamics/
NORETHINDRONE, pharmacodynamics/
PLASMINOGEN, analysis/
PREGNANCY/ PROTHROMBIN, analysis
2678. Lima AO, Javierre MQ, Silva WD, et al: Trypsin as a potent activator of immune phagocytosis by macrophages.
Rev Bras Pesqui Med Biol 6:387-92, Nov-Dec 73
AMIDES, pharmacodynamics/ AMIDINES, pharmacodynamics/ ANIMAL EXPERIMENTS/
ASCITIC FLUID, cytology/ AZIDES, pharmacodynamics/
BENZENE DERIVATIVES, pharmacodynamics/
CALCIUM, metabolism/ CYANIDES, pharmacodynamics/
DINITROPHENOLS, pharmacodynamics/
FEMALE/ FLUORIDES, pharmacodynamics/
IMMUNE ADHERENCE REACTION/ IMMUNOGLOBULINS, analysis/
IODOACETATES, pharmacodynamics/
*MACROPHAGES, drug effects/ MAGNESIUM, metabolism/
MERCURIBENZOATES, pharmacodynamics/
MICE/ *PHAGOCYTOSIS, drug effects/
POTASSIUM, pharmacodynamics/
SODIUM/ SOY BEANS/ TIME FACTORS/
*TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics
2679. Limas CJ: Stimulation by angiotensin of myocardial prostaglandin synthesis.
Biochim Biophys Acta 337:417-20, 28 Mar 74
*ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/
COMPARATIVE STUDY/ ENZYME ACTIVATION/ HEART, drug effects/
HYDROXYDOPAMINE, pharmacodynamics/
HYDROXYLASES, metabolism/ IN VITRO/ MALE/ MYOCARDIUM, enzymology/
*MYOCARDIUM, metabolism/
NOREPINEPHRINE, pharmacodynamics/
PROPRANOLOL, pharmacodynamics/
PROSTAGLANDINS/ *PROSTAGLANDINS, biosynthesis/
RATS/ STIMULATION, CHEMICAL/ TIME FACTORS/
TYROSINE, pharmacodynamics
2680. Lin M, Haksar A, Peron FG: A possible mechanism for the stimulation of Krebs cycle activity by ACTH in isolated rat adrenal cells.
Biochem Biophys Res Commun 58:983-9, 18 Jun 74
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/
AMINOGLUTETHIMIDE, pharmacodynamics/
ANIMAL EXPERIMENTS/
CARBON DIOXIDE/ CARBON RADIOISOTOPES/
CLOSTRIDIOPEPTIDASE A/ COMPARATIVE STUDY/
CORTICOSTERONE, biosynthesis/
CORTICOSTERONE, metabolism/
CORTICOSTERONE, pharmacodynamics/
*CORTICOTROPIN, pharmacodynamics/
DIBUTYRYL CYCLIC AMP, pharmacodynamics/
IN VITRO/ KINETICS/
*KREBS CYCLE, drug effects/
PREGNENOLONE, metabolism/
PREGNENOLONE, pharmacodynamics/
PROGESTERONE, metabolism/
PROGESTERONE, pharmacodynamics/
PYRUVATES, metabolism/ TRYPSIN
2681. Lindberg T: Vitamin- och järntillsförsel till prematura barn.
Lakartidningen 70:3260-2, 19 Sep 73 (32 ref.) (Swe)
ANEMIA, HYPOCHROMIC, drug therapy/
*ANEMIA, HYPOCHROMIC, prevention & control/
ASCORBIC ACID, administration & dosage/
AVITAMINOSIS, drug therapy/
*AVITAMINOSIS, prevention & control/
BIRTH WEIGHT/ ENGLISH ABSTRACT/
FEMALE/ FOLIC ACID, administration & dosage/
HUMAN/ INFANT, NEWBORN/
*INFANT, PREMATURE, DISEASES/
*IRON, therapeutic use/
PREGNANCY/ REVIEW/
TIME FACTORS/
VITAMIN A, administration & dosage/
VITAMIN D, administration & dosage/
VITAMIN E, administration & dosage/
VITAMIN K, administration & dosage/
*VITAMINS, therapeutic use
2682. Lindblad BS, Rahimtoola RJ: A pilot study of the quality of human milk in a lower socio-economic group in Karachi, Pakistan.
Acta Paediatr Scand 63:125-8, Jan 74
ADOLESCENCE/ ADULT/ AMINO ACIDS, analysis/
CALCIUM, analysis/
FEMALE/ HUMAN/ INFANT/ LACTATION/ LACTOSE, analysis/
LIPIDS, analysis/
METHIONINE, analysis/
*MILK, HUMAN, analysis/
MILK PROTEINS, analysis/
NITROGEN, analysis/
PAKISTAN/ PILOT PROJECTS/
PREGNANCY/ SOCIAL CLASS/ SOCIOECONOMIC FACTORS/
SWEDEN/ VITAMIN A, analysis
2683. Lindeberg G, Bodanszky M, Acosta M, et al: Synthesis and some pharmacological properties of 8-L-homoarginine-vasopressin and of 1-deamino-8-L-homoarginine-vasopressin.
J Med Chem 17:781-3, Jul 74
AMINOCAPROIC ACID, chem synthesis/
AMINOCAPROIC ACID, pharmacodynamics/
ANIMAL EXPERIMENTS/
BLOOD PRESSURE, drug effects/
DIURESIS, drug effects/
FEMALE/ GUANIDINES, chem synthesis/
GUANIDINES, pharmacodynamics/
MUSCLE CONTRACTION, drug effects/
OXYTOCICS, pharmacodynamics/
STRUCTURE-ACTIVITY RELATIONSHIP/
UTERUS, drug effects/
*VASOPRESSIN, chem synthesis/
VASOPRESSIN, pharmacodynamics
2684. Lindeboom GA: Hypercalciëmie-syndroom (bij een patiënte met de ziekte van Kahler).
Ned Tijdschr Geneesk 117:1841-5, 8 Dec 73 (Dut)
CALCIUM, blood/
FEMALE/ HUMAN/ HYPERCALCEMIA, drug therapy/
*HYPERCALCEMIA, etiology/
MIDDLE AGE/
*MULTIPLE MYELOMA, complications/
PHOSPHOROUS ACIDS, therapeutic use/
SKULL, radiography/
THROMBOSIS, etiology
2685. Linder GT, Crook JN, Cohn I Jr: Primary liver carcinoma. Cancer 33:1624-9, Jun 74
ADRENAL GLAND NEOPLASMS, occurrence/
BIOPSY/ BONE NEOPLASMS, occurrence/
DIAGNOSIS, DIFFERENTIAL/
FEMALE/ FLUOROURACIL, therapeutic use/
*HEPATOMA, diagnosis/
HEPATOMA, mortality/
HEPATOMA, occurrence/
HEPATOMA, surgery/
HEPATOMEGLALY, etiology/
HUMAN/ LIVER CIRRHOSIS, diagnosis/
LIVER NEOPLASMS, diagnosis/
LIVER NEOPLASMS, mortality/
LIVER NEOPLASMS, occurrence/
LIVER NEOPLASMS, surgery/
LUNG NEOPLASMS, occurrence/
LYMPHATIC METASTASIS/
MALE/ MECHLORETHAMINE, therapeutic use/
NEOPLASM METASTASIS/
SEX FACTORS
2686. Linder L: Dermatologiska problem inom åldringsvården.
Lakartidningen 70:2821-9, 15 Aug 73 (Swe)
ADRENAL CORTEX HORMONES, adverse effects/
*ADRENAL CORTEX HORMONES, therapeutic use/
AGED/ CLINICAL RESEARCH/
DECUBITUS ULCER, drug therapy/
DECUBITUS ULCER, prevention & control/
DERMATOMYCOSIS, drug therapy/
DRUG HYPERSENSITIVITY/
ENGLISH ABSTRACT/
FEMALE/ GRAM NEGATIVE BACTERIA/
HUMAN/ MIDDLE AGE/
PRURITUS, drug therapy/
PRURITUS, etiology/
*SKIN DISEASES, drug therapy/
SKIN NEOPLASMS, therapy/
STAPHYLOCOCCAL INFECTIONS, drug therapy/
VARICOSE ULCER, drug therapy/
VARICOSE ULCER, therapy/
WARTS, therapy/
*ZINC, therapeutic use

AUTHOR SECTION

2687. Linderer T, Köhl W: Untersuchungen zur Chemodifferenzierung des Subcommissuralorgans der Ratte. Verh Anat Ges 67:417-8, 1972 (Ger)
ANIMAL EXPERIMENTS/ ENGLISH
ABSTRACT/ EPENDYMA, embryology/
*EPENDYMA, metabolism/ HYPOTHALAMUS,
embryology/ *HYPOTHALAMUS, metabolism/
RATS
2688. Lindgren P, Saltzman GF, Zeuchner E: Intravenous cholangiography and peroral contraceptives. A preliminary report. Acta Radiol [Diagn] (Stockh) 15:217-24, Mar 74
AMIDES, adverse effects/ AMIDES,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BLOOD PRESSURE, drug effects/ CATS/
CHOLANGIOGRAPHY/ *CONTRACEPTIVES,
ORAL, administration & dosage/
CONTRACEPTIVES, ORAL, pharmacodynamics/
CONTRAST MEDIA, administration & dosage/
*CONTRAST MEDIA, adverse effects/
CONTRAST MEDIA, pharmacodynamics/ DRUG
COMBINATIONS/ DRUG INTERACTIONS/
FEMALE/ GLYCOLATES, adverse effects/
GLYCOLATES, pharmacodynamics/ HUMAN/
INJECTIONS, INTRAVENOUS/ IODIPAMIDE,
pharmacodynamics/ IODOBENZOATES, adverse
effects/ IODOBENZOATES, pharmacodynamics/
LIVER FUNCTION TESTS/ NAUSEA,
chemically induced/ PROGESTERONE,
administration & dosage/ *PROGESTERONE,
pharmacodynamics/ STIMULATION,
CHEMICAL/ VOMITING, chemically induced
2689. Lindholm J, Rasmussen P, Korsgaard O: Apoplexia pituitaria. Ugeskr Laeger 136:1150-2, 20 May 74 (Dan)
ACROMEGALY/ *ADENOMA, CHROMOPHOBE,
surgery/ *ADENOMA, EOSINOPHILIC,
surgery/ ADRENAL GLAND
HYPERFUNCTION/ CEREBRAL
ANGIOGRAPHY/ CEREBROVASCULAR
DISORDERS, radiography/
*CEREBROVASCULAR DISORDERS, surgery/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
HYPERTHYROIDISM/ MALE/ NECROSIS/
*PITUITARY GLAND, pathology/ *PITUITARY
NEOPLASMS, surgery/ SYNDROME
2690. Lindl T, Cramer H: Formation, accumulation and release of adenosine 3',5'-monophosphate induced by histamine in the superior cervical ganglion of the rat in vitro. Biochim Biophys Acta 343:182-91, 20 Mar 74
ADENINE, metabolism/ ADENOSINE CYCLIC
3',5' MONOPHOSPHATE/ ADENOSINE CYCLIC
3',5' MONOPHOSPHATE, biosynthesis/
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ADENOSINE
TRIPHOSPHATE, metabolism/ ADENYL
CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ CARBON RADIOISOTOPES/
CHROMATOGRAPHY, ION EXCHANGE/
CHROMATOGRAPHY, THIN LAYER/
DIPHENHYDRAMINE, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
EPINEPHRINE, pharmacodynamics/ GANGLIA,
SPINAL, drug effects/ *GANGLIA, SPINAL,
metabolism/ *HISTAMINE, pharmacodynamics/
IN VITRO/ KINETICS/ LACTATE
DEHYDROGENASE, metabolism/ MALE/
PHOSPHODIESTERASES, metabolism/
PRACTOLOL, pharmacodynamics/
PROBENECID, pharmacodynamics/ RATS/
TIME FACTORS/ TRITIUM
2691. Lindsay RH, Hill JB, Kelly K, et al: Excretion of propylthiouracil and its metabolites in rat bile and urine. Endocrinology 94:1689-98, Jun 74
ACRYLAMIDES/ ANIMAL EXPERIMENTS/
*BILE, metabolism/ CARBON
RADIOISOTOPES/ CHROMATOGRAPHY/ GEL
FILTRATION/ GLUCONATES, urine/
metabolism/ PROPYLTHIOURACIL, urine/
RATS/ SULFATES, urine/ SULFUR
RADIOISOTOPES/ TIME FACTORS
2692. Lingwood CA, Thomas DB: A one cell-cycle delay for tumor cytostasis in vitro: effects of dibutyl cyclic AMP or embryonic extracts on synchronized cultures of a murine tumor. J Natl Cancer Inst 52:1659-64, May 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/ *CELL
DIVISION, drug effects/ CELL LINE/
DEPRESSION, CHEMICAL/ DNA, NEOPLASM,
metabolism/ *EMBRYO/ MICE/ NEOPLASMS,
EXPERIMENTAL/ THYMIDINE, metabolism/
TISSUE EXTRACTS/ TRITIUM
2693. Lingwood CA, Thomas DB: Rapid changes in nucleoside transport induced by growth inhibitors. Studies with neoplastic mast cells. J Cell Biol 61:359-68, May 74
ADENOSINE, metabolism/ ANIMAL
EXPERIMENTS/ BIOLOGICAL TRANSPORT,
drug effects/ CELL COUNT/ CELL LINE/
CHOLINE, metabolism/ *DIBUTYRYL CYCLIC
AMP, pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ EMBRYO/ FEMALE/
MICE/ *NUCLEOSIDES, metabolism/
PREGNANCY/ *SARCOMA, MAST CELL,
metabolism/ THYMIDINE, metabolism/
*TISSUE EXTRACTS, pharmacodynamics/
TRITIUM/ URIDINE, metabolism/ UTERUS
2694. Linhart P: Die Affinität von UDP-Glucuronyltransferase zu Chloramphenicol. Verh Dtsch Ges Inn Med 79:936-8, 1973 (Ger)
ANIMAL EXPERIMENTS/ BILIRUBIN,
metabolism/ *CHLORAMPHENICOL,
metabolism/ ESTRADIOL, metabolism/
*HEXOSYLTRANSFERASES/ LIVER,
metabolism/ NITROPHENOLS, metabolism/
RATS/ UDP GLUCURONOSYLTRANSFERASE
2695. Linklater JP: Letter: Beclomethasone aerosol in treatment of non-specific pulmonary fibrosis. Br Med J 2:672, 22 Jun 74
AEROSOLS/ BECLOMETHASONE,
administration & dosage/ BECLOMETHASONE,
therapeutic use/ DIFFUSION/ FEMALE/
*GLUCOCORTICIDS, TOPICAL, administration
& dosage/ HUMAN/
*METHYLPREDNISOLONE, administration &
dosage/ PREDNISOLONE, therapeutic use/
*PULMONARY FIBROSIS, drug therapy
2696. Linquist JA, Rabinovich S, Smith IM: 5-Fluorocytosine in the treatment of experimental candidiasis in immunosuppressed mice. Antimicrob Agents Chemother 4:58-61, Jul 73
ANIMAL EXPERIMENTS/ *ANTIFUNGAL
AGENTS, therapeutic use/ AZATHIOPRINE,
pharmacodynamics/ CANDIDA ALBICANS/
*CYTOSINE, therapeutic use/
DEXAMETHASONE, pharmacodynamics/
FLUCYTOSINE/ IMMUNOSUPPRESSION/
MALE/ MICE/ *MONILIASIS, drug therapy
2697. Lippman ME, Perry S, Thompson EB: Cytoplasmic glucocorticoid-binding proteins in glucocorticoid-unresponsive human and mouse leukemic cell lines. Cancer Res 34:1572-6, Jul 74
AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ CELL DIVISION,
drug effects/ CELL LINE/ CELL NUCLEUS,
metabolism/ *CYTOPLASM, metabolism/
CYTOSOL, metabolism/ DEXAMETHASONE,
metabolism/ *GLUCOCORTICIDS, metabolism/
GLUCOCORTICIDS, pharmacodynamics/
GLUCOSE, metabolism/ HUMAN/ LEUKEMIA,
EXPERIMENTAL, metabolism/ *LEUKEMIA,
LYMPHOBLASTIC, metabolism/ MICE,
INBRED AKR/ MICE, INBRED BALB C/
*PROTEIN BINDING/ RECEPTORS,
HORMONE/ TEMPERATURE/ TISSUE
CULTURE/ TRICHLOROACETIC ACID,
analysis/ TRITIUM/ URIDINE, metabolism
2698. Lipton JM, Dwyer PE, Fossler DE: Effects of brainstem lesions on temperature regulation in hot and cold environments. Am J Physiol 226:1356-65, Jun 74
TEMPERATURE REGULATION/ *BRAIN
STEM, physiology/ *COLD/ ENVIRONMENTAL
EXPOSURE/ *HEAT/ HYPOTHALAMUS,
physiology/ MALE/ MEDULLA OBLONGATA,

AUTHOR SECTION

- physiology/ NEURAL INTERCONNECTIONS,
physiology
2699. Lisk RD, Reuter LA, Raub JA: Effects of grouping on sexual receptivity in female hamsters.
J Exp Zool 189:1-6, Jul 74
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ DEXAMETHASONE, pharmacodynamics/ ESTRUS/ FEMALE/ *HAMSTERS, physiology/ HOUSING, ANIMAL/ MALE/ OVULATION/ PROGESTERONE, pharmacodynamics/ *SEX BEHAVIOR, ANIMAL/ SEX FACTORS
2700. Lissner J: Radiologische Hypertonie-Diagnostik.
Munch Med Wochenschr 116:689-98, 5 Apr 74 (Ger)
ADRENAL GLAND DISEASES, complications/ ANGIOGRAPHY/ AORTIC COARCTATION, complications/ ENGLISH ABSTRACT/ FEMALE/ GLOMERULONEPHRITIS, complications/ GOODPASTURE'S SYNDROME, complications/ GOUT, complications/ HEART DEFECTS, CONGENITAL, complications/ HUMAN/ HYPERTENSION, etiology/ *HYPERTENSION, radiography/ MALE/ MYOCARDIAL INFARCT, complications/ NEPHROSCLEROSIS, complications/ PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, radiography/ PHLEBOGRAPHY/ PYELONEPHRITIS, complications/ RENAL ARTERY OBSTRUCTION, complications/ UROGRAPHY
2701. Little HM Jr: Managing incomplete abortion.
Am Fam Physician 9:137-42, May 74
ABORTION, diagnosis/ ABORTION, drug therapy/ *ABORTION, surgery/ ABORTION, MISSED, surgery/ ABORTION, SEPTIC, drug therapy/ ABORTION, SEPTIC, surgery/ ABORTION, THREATENED, diagnosis/ ABORTION, THREATENED, surgery/ AMBULATORY CARE/ ANTIBIOTICS, therapeutic use/ CURETTAGE/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ OXYTOCIN, therapeutic use/ PREGNANCY/ PREGNANCY, TUBAL, diagnosis/ TIME FACTORS
2702. Littmann KP, Winter G, Gerdes H: Aktivitätsänderungen testosteroninaktivierender Enzyme in menschlichem Lebergewebe bei Cholestase und Lebercirrhose.
Verh Dtsch Ges Inn Med 79:1258-61, 1973 (Ger)
enzymology/ HUMAN/ *HYDROXYSTEROID DEHYDROGENASES, analysis/ *LIVER, enzymology/ *LIVER CIRRHOSIS, enzymology/ MALE/ TESTOSTERONE, metabolism
2703. Liversage RA: Hypophysectomy and pectoral fin regeneration in adult Fundulus heteroclitus (killifish). Can J Zool 51:1047-54, Oct 73
ANIMAL EXPERIMENTS/ *FISHES, physiology/ HYPOPHYSECTOMY/ MALE/ *PITUITARY GLAND, physiology/ *REGENERATION
2704. Liversedge LA, Yuill GM, Wilkinson IM, et al: Benefit from adrenocorticotrophin in myasthenia gravis.
J Neurol Neurosurg Psychiatry 37:412-5, Apr 74
CORTICOTROPIN, adverse effects/ *CORTICOTROPIN, therapeutic use/ FEMALE/ HUMAN/ MALE/ METABOLIC DISEASES, chemically induced/ *MYASTHENIA GRAVIS, drug therapy/ POTASSIUM, metabolism/ SODIUM, metabolism/ TIME FACTORS
2705. Livrea P: Studio dei correlati neurochimici della "acinesia". I. L'attività centrale dopaminergica, serotoninergica e colinergica nella catatonìa.
Acta Neurol (Napoli) 29:1-12, Jan-Feb 74 (Ita)
*CATATONIA, cerebrospinal fluid/ *DOPAMINE, cerebrospinal fluid/ ENGLISH ABSTRACT/ HUMAN/ *MOVEMENT DISORDERS, cerebrospinal fluid/ *PARASYMPATHOMIMETICS, cerebrospinal fluid/ PROBENECID, pharmacodynamics/ *SEROTONIN, cerebrospinal fluid
2706. Ljunghall S, Fjellström KE, Wibell L: Partial lipodystrophy and chronic hypocomplementemic glomerulonephritis. Acta Med Scand 195:493-7, Jun 74
AZATHIOPRINE, therapeutic use/ CADAVER/ *COMPLEMENT/ CREATININE, blood/ DEXAMETHASONE, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ *GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, surgery/ GRAFT REJECTION/ HEMODIALYSIS/ HUMAN/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ IMMUNOLOGIC DEFICIENCY SYNDROMES, drug therapy/ KIDNEY, transplantation/ *LIPODYSTROPHY, complications/ POSTOPERATIVE COMPLICATIONS/ PROTEINURIA/ TRANSPLANTATION, HOMOLOGOUS
2707. Lloyd HM, Meares JD, Jacobi J: Secretory and mitotic response of the male rat pituitary gland to repeated doses of oestrogen. Int J Cancer 11:90-4, 15 Jan 73
ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ DIETHYLSTILBESTROL, administration & dosage/ *DIETHYLSTILBESTROL, pharmacodynamics/ MALE/ *MITOSIS, drug effects/ ORGAN WEIGHT/ PITUITARY GLAND, anatomy & histology/ PITUITARY GLAND, cytology/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, metabolism/ PROLACTIN, blood/ *PROLACTIN, metabolism/ RADIOIMMUNOASSAY/ RATS/ RATS, INBRED STRAINS/ SOMATOTROPIN, blood/ *SOMATOTROPIN, metabolism/ STIMULATION, CHEMICAL/ TESTIS, anatomy & histology/ TIME FACTORS
2708. Lloyd JV, Nishizawa EE, Mustard JF: Effect of ADP-induced shape change on incorporation of 32P into platelet phosphatidic acid and mono-, di- and triphosphatidyl inositol. Br J Haematol 25:77-99, Jul 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ *ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CALCIUM, pharmacodynamics/ ETHERS, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ HUMAN/ IMIDES, pharmacodynamics/ IN VITRO/ PHOSPHATES, metabolism/ *PHOSPHOLIPIDS, biosynthesis/ PHOSPHORUS ISOTOPES/ PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, pharmacodynamics/ STIMULATION, CHEMICAL/ SWINE
2709. Lobyntsev KS: Nekotorye adaptatsionnye reaktsii ploda na vozdeistvie neblagopriyatnykh faktorov. Aktual'nyi Probl Klin Biochem 49:77-8, Jul 73 (Rus)
*ADAPTATION, PHYSIOLOGICAL/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ FEMALE/ *FETUS, physiology/ HEPATECTOMY/ HEPATITIS, TOXIC, physiopathology/ PREGNANCY/ PREGNANCY COMPLICATIONS, physiopathology/ RATS
2710. Lockefeer JH, Hackeng WH, Birkenhäger JC: Parathyroid hormone secretion in disorders of calcium metabolism studied by means of EDTA. Acta Endocrinol (Kbh) 75:286-96, Feb 74
ADULT/ AGED/ *CALCIUM, blood/ DEPRESSION, CHEMICAL/ EDTA, administration & dosage/ *EDTA, diagnostic use/ FEMALE/ HUMAN/ HYPERCALCEMIA, blood/ *HYPERPARATHYROIDISM, blood/ HYPERPARATHYROIDISM, surgery/ INFUSIONS, PARENTERAL/ KIDNEY CALCULI, blood/ MALE/ MIDDLE AGE/ ORGAN WEIGHT/ *PARATHYROID GLANDS, drug effects/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE, blood/ RADIOIMMUNOASSAY/ STIMULATION, CHEMICAL
2711. Lo Curto F, Fucci E, Scappaticci S, et al: XO and male phenotype. Am J Dis Child 128:90-1, Jul 74

AUTHOR SECTION

- BONE AND BONES, radiography/
DERMATOGLYPHICS/ HUMAN/
KARYOTYPING/ MALE/ MENTAL
RETARDATION, familial & genetic/
PHENOTYPE/ SYNDROME/ *TURNER'S
SYNDROME, familial & genetic/ TURNER'S
SYNDROME, radiography
2712. Loew H, Wagner H: Über den Wert der
Hämodialysetherapie der hypercalcämischen Krise
bei primärem Hyperparathyreoidismus.
Verh Dtsch Ges Inn Med 79:741-3, 1973 (Ger)
ADENOMA, complications/ FEMALE/
*HEMODIALYSIS/ HUMAN/
HYPERCALCEMIA, complications/
HYPERCALCEMIA, etiology/
*HYPERCALCEMIA, therapy/
*HYPERPARATHYROIDISM, complications/
MIDDLE AGE/ PARATHYROID NEOPLASMS,
complications
2713. Lohmann FW: Die Indikation zur operativen
Behandlung des Hochdrucks bei Patienten mit
Nierenarterienstenose.
Med Welt 25:542-5, 29 Mar 74 (Ger)
ADULT/ FEMALE/ HUMAN/ HYPERTENSION,
RENAL, etiology/ *HYPERTENSION, RENAL,
surgery/ MALE/ MIDDLE AGE/ RENAL
ARTERY, radiography/ *RENAL ARTERY
OBSTRUCTION, complications/ RENIN,
analysis
2714. Lohmann FW, Dissmann T, Gotzen R, et al: Die
Aktivität des sympatho-adrenalen Systems bei
Patienten mit essentieller Hypertonie.
Verh Dtsch Ges Inn Med 79:809-12, 1973 (Ger)
*ADRENAL GLANDS, physiopathology/ BLOOD
PRESSURE/ CATECHOLAMINES, blood/
HEART RATE/ HUMAN/ *HYPERTENSION,
physiopathology/ POSTURE/ *SYMPATHETIC
NERVOUS SYSTEM, physiopathology
- 2715 Lohr E, et al.
Mittellinie unter besonderer Berücksichtigung der
Enzephalo-Tomographie und des elektronischen
Harmonisierungsverfahrens.
Roentgenblätter 26:139-43, Mar 73 (Ger)
*BRAIN NEOPLASMS, radiography/
CEREBELLAR NEOPLASMS, radiography/
CEREBRAL VENTRICLE NEOPLASMS,
radiography/ ENGLISH ABSTRACT/ FEMALE/
HUMAN/ MALE/ METHODS/ PHARYNGEAL
NEOPLASMS, radiography/ PITUITARY
NEOPLASMS, radiography/
*PNEUMOENCEPHALOGRAPHY/
*RADIOGRAPHIC IMAGE ENHANCEMENT/
SKULL NEOPLASMS, radiography/
*TOMOGRAPHY, RADIOGRAPHIC
2716. Lohrmann HP, Whang-Peng J: Human mixed leukocyte
culture: identification of the proliferating
lymphocyte subpopulation by sex chromosome
markers. J Exp Med 140:54-60, 1 Jul 74
ANTIGEN-ANTIBODY REACTIONS/ CELL
DIFFERENTIATION/ CELL DIVISION/ CELL
HISTOCOMPATIBILITY ANTIGENS/ HUMAN/
IMMUNE ADHERENCE REACTION/ IN
VITRO/ KARYOTYPING/ *LEUKOCYTE
CULTURE TEST, MIXED/ *LEUKOCYTES,
immunology/ *LYMPHOCYTES, immunology/
MALE/ SEX CHROMOSOMES
2717. Lokoshko EA: Vplyv dietyldityokarbamatu na
aktyvnist' monoaminooksydazi i vimist
katekholaminiv ta serotoninu v tkanyakh mors'kykh
svynok, yakym vvodyly askorbinovu kyslotu.
Ukr Biokhim Zh 45:698-701, Nov-Dec 73 (Ukr)
ADRENAL GLANDS, analysis/ ANIMAL
EXPERIMENTS/ *ASCORBIC ACID,
administration & dosage/ BRAIN, enzymology/
BRAIN CHEMISTRY/ *CATECHOLAMINES,
analysis/ ENGLISH ABSTRACT/ GUINEA
PIGS/ INJECTIONS, SUBCUTANEOUS/ LIVER,
analysis/ LIVER, enzymology/ MALE/
MONOAMINE OXIDASE, antagonists &
inhibitors/ *MONOAMINE OXIDASE,
metabolism/ *SEROTONIN, analysis/
*THIOCARBAMATES, pharmacodynamics
2718. Lokoshko EA: Vplyv DOFA i metopironu na aktyvnist'
monoaminooksydazy, vmist katekholaminiv i
askorbinovoi kysloty v tkanyakh mors'kykh svynok.
Ukr Biokhim Zh 46:384-8, May-Jun 74 (Ukr)
ADRENAL GLANDS, drug effects/ ADRENAL
GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ ASCORBIC ACID, analysis/
*ASCORBIC ACID, metabolism/ ASCORBIC
ACID DEFICIENCY, metabolism/ BRAIN, drug
effects/ BRAIN, metabolism/
CATECHOLAMINES, analysis/
*CATECHOLAMINES, metabolism/
DEPRESSION, CHEMICAL/ *DOPA,
pharmacodynamics/ ENGLISH ABSTRACT/
LIVER, drug effects/ LIVER, metabolism/
MALE/ *METYRAPONE, pharmacodynamics/
*MONOAMINE OXIDASE, metabolism/
MONOAMINE OXIDASE INHIBITORS,
metabolism/ STIMULATION, CHEMICAL
2719. Lolley RN, Schmidt SY, Farber DB: Alterations in
cyclic AMP metabolism associated with
photoreceptor cell degeneration in the C3H mouse.
J Neurochem 22:701-7, May 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENYL
CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ ANIMALS, NEWBORN/
CARBON RADIOISOTOPES/
CHROMATOGRAPHY, ION EXCHANGE/
DOPAMINE, pharmacodynamics/ FEMALE/
FLUORIDES, pharmacodynamics/ MALE/
MICE, INBRED C3H/ MICE, INBRED C57BL/
MICE, INBRED DBA/ *NERVE
DEGENERATION/ PHOSPHODIESTERASES,
metabolism/ PHOTORECEPTORS, drug effects/
*PHOTORECEPTORS, metabolism/ RETINA,
drug effects/ *RETINA, metabolism/
RETINAL DISEASES, familial & genetic/
RETINAL DISEASES, metabolism/ SPECIES
SPECIFICITY/ TIME FACTORS/ TRITIUM
- 2720 Lomax P, et al., Interactions of
chlorpromazine with monoamines in the hypothalamic
thermoregulatory centers.
Adv Biochem Psychopharmacol 9:719-29, 1974
ACETYLCHOLINE, pharmacodynamics/
ANIMAL EXPERIMENTS/ AORTA, drug
effects/ *BIOGENIC AMINES,
pharmacodynamics/ BODY TEMPERATURE,
drug effects/ *BODY TEMPERATURE
REGULATION, drug effects/ CEREBRAL
VENTRICLES/ CHLORPROMAZINE,
administration & dosage/ *CHLORPROMAZINE,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ GANGLIA, SPINAL,
drug effects/ *HYPOTHALAMUS,
drug effects/ ILEUM, drug effects/ IN
VITRO/ INJECTIONS, INTRAPERITONEAL/
METHYLATION/ MICROINJECTIONS/
MUSCLE CONTRACTION, drug effects/
NEURAL CONDUCTION, drug effects/
NOREPINEPHRINE, pharmacodynamics/
RECEPTORS, ADRENERGIC/ RECEPTORS,
CHOLINERGIC, drug effects/ TIME FACTORS
2721. Lommatzsch P, Altenbrunn HJ: Ein Beitrag zur
gamma-Orbitographie mit 203Hg-Neohydrin und
67Ga-Zitrat.
Ophthalmologica 168:392-9, 1974 (Ger)
*ADENOCARCINOMA, diagnosis/ AGED/
*CHLORMERODRIN, metabolism/ CITRATES,
metabolism/ ENGLISH ABSTRACT/
EXOPHTHALMOS, etiology/ FEMALE/
*GALLIUM/ *HEMANGIOMA, diagnosis/
*HISTIOCYTOMA, diagnosis/ HUMAN/
INJECTIONS, INTRAVENOUS/ *MELANOMA,
diagnosis/ *MENINGIOMA, diagnosis/
*MERCURY ISOTOPES/ MIDDLE AGE/
ORBITAL NEOPLASMS, complications/
*ORBITAL NEOPLASMS, diagnosis/
*RADIOISOTOPE SCANNING/
*RADIOISOTOPES/ *SARCOMA, RETICULUM
CELL, diagnosis
2722. Lomova MA, Persianinov LS, Leonov BV, et al:
Summarnye prostaglandiny v laitsekletkakh
morskogo ezha Strongylocentrotus intermedius v
period rannego embriogeneza.
Akush Ginekol (Mosk) 49:71-3, Nov 73 (Rus)

AUTHOR SECTION

- ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, THIN LAYER/ *OVUM,
analysis/ *PROSTAGLANDINS, isolation &
purification/ PROSTAGLANDINS, metabolism/
SEA URCHINS, embryology/ *SEA URCHINS,
metabolism**
- 2723. Londong V, Blumberg K, Erhardt F, et al: Hemmung der
TSH-Sekretion durch Hypoglykämie.
Verh Dtsch Ges Inn Med 79:1235-7, 1973 (Ger)
FEMALE/ HUMAN/ *HYPOGLYCEMIA,
physiopathology/ INSULIN, pharmacodynamics/
IODINE, blood/ MALE/ PROTEIN BINDING/
*THYROTROPIN, secretion/ TIME FACTORS**
- 2724. Lonshakov IuI, Agienko VD, Durneva SG, et al:
Rasstroistva pigmentatsii v praktike terapevta i
dermatologa.
Sov Med 4:112-5, 1974 (Rus)
CHRONIC DISEASE/ ENGLISH ABSTRACT/
HUMAN/ MELANIN, analysis/
*PIGMENTATION DISORDERS,
physiopathology/ SKIN DISEASES,
physiopathology/ THYROID GLAND
FUNCTION TESTS/ VITILIGO, physiopathology**
- 2725. Löpeltmann J: Marinezahnärztliche Erfahrungen mit
dem symptomatischen Lokaltheraeutikum
Corti-Dynexan. ZWR 83:531-5, 10 Jun 74 (Ger)
ALUMINUM, therapeutic use/ AMMONIUM
COMPOUNDS, therapeutic use/ *ANALGESICS
AND ANTIPYRETICS, therapeutic use/
ANESTHESIA, DENTAL/ ANESTHETICS,
LOCAL, therapeutic use/
ANTI-INFLAMMATORY AGENTS, therapeutic
use/ DRUG COMBINATIONS/ FORMIC ACIDS,
therapeutic use/ GERMANY, WEST/ HUMAN/
MALE/ NAVAL MEDICINE/ PANCREATIN,
therapeutic use/ *PERIODONTAL DISEASES,
drug therapy/ PREDNISOLONE, TOPICAL,
therapeutic use/ TYROTHRIN, therapeutic
use**
- 2726. López Villegas J, Villanueva Gasca A: Estudio de la
función gonadal hormonal en la mujer diabética.
Ginecol Obstet Mex 35:9-14, Jan 74 (Spa)
ADULT/ *DIABETES MELLITUS,
physiopathology/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ MENOPAUSE/ MIDDLE
AGE/ *OVARY, physiopathology/ PITUITARY
DISEASES, etiology/ *PITUITARY GLAND,
physiopathology/ PITUITARY GLAND
FUNCTION TESTS/ PREGNANCY**
- 2727. Lorens SA, Yunker LM: Morphine analgesia, two-way
avoidance, and consummatory behavior following
lesions in the midbrain raphe nuclei of the rat.
Pharmacol Biochem Behav 2:215-21, Mar-Apr 74
ANALGESIA/ ANIMAL EXPERIMENTS/
*AVOIDANCE LEARNING, drug effects/
*CONSUMMATORY BEHAVIOR, drug effects/
DRINKING/ EATING/ ELECTRODES/
FEMALE/ *MESENCEPHALON, physiology/
*MORPHINE, pharmacodynamics/
NOREPINEPHRINE, analysis/ RATS/
SEROTONIN, analysis/ TELENCEPHALON,
analysis**
- 2728. Lorković H: Effect of divalent cations on ACh
contractures of depolarized denervated rat muscles.
Am J Physiol 226:1286-92, Jun 74
*ACETYLCHOLINE, pharmacodynamics/
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ *CALCIUM, metabolism/
CALCIUM RADIOISOTOPES/ CATIONS,
DIVALENT/ IN VITRO/ *MAGNESIUM,
pharmacodynamics/ MEMBRANE POTENTIALS/
*MUSCLE CONTRACTION, drug effects/
*MUSCLE DENERVATION/ *MUSCLES, drug
effects/ *NICKEL, pharmacodynamics/
POTASSIUM/ SUCROSE**
- 2729. Lossnitzer K, Bajusz E: Water and electrolyte
alterations during the life course of the BIO 14.6
Syrian golden hamster. A disease model of a
hereditary cardiomyopathy.
J Mol Cell Cardiol 6:163-77, Apr 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
BODY WEIGHT/ CALCIUM, blood/ CALCIUM,
metabolism/ CARBON RADIOISOTOPES/
*DISEASE MODELS, ANIMAL/
EXTRACELLULAR SPACE, analysis/
FEMALE/ *HAMSTERS/ HEART FAILURE,
CONGESTIVE, blood/ HEMATOCRIT/
HYPERALDOSTERONISM, complications/
MAGNESIUM, blood/ MAGNESIUM,
metabolism/ MALE/ *MYOCARDIAL
DISEASES, PRIMARY, familial & genetic/
MYOCARDIAL DISEASES, PRIMARY,
metabolism/ MYOCARDIUM, metabolism/
NECROSIS, metabolism/ POTASSIUM, blood/
POTASSIUM, metabolism/ SODIUM, blood/
SODIUM, metabolism/ WATER, metabolism/
*WATER-ELECTROLYTE BALANCE**
- 2730. Lostroh AJ, Krahel ME: A hyperglycemic peptide from
pituitary growth hormone: preparation with pepsin
and assay in ob-ob mice.
Proc Natl Acad Sci USA 71:1244-6, Apr 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ *BLOOD SUGAR/
CHROMATOGRAPHY/ FEMALE/ GLUCOSE
TOLERANCE TEST/ HUMAN/ HYDROLYSIS/
HYPERGLYCEMIA, chemically induced/ MICE/
MICE, INBRED STRAINS/ OBESITY, blood/
PEPSIN/ *PEPTIDE FRAGMENTS, analysis/
PEPTIDE FRAGMENTS, pharmacodynamics/
SHEEP/ *SOMATOTROPIN, analysis/
SOMATOTROPIN, pharmacodynamics**
- 2731. Lotti VJ, Clark C: Carbidopa attenuation of L-DOPA
emesis in dogs: evidence for a cerebral site of action
outside the blood-brain barrier.
Eur J Pharmacol 25:322-5, Mar 74
ANIMAL EXPERIMENTS/ BINDING SITES,
drug effects/ *BLOOD-BRAIN BARRIER/
*BRAIN, drug effects/ BRAIN, enzymology/
CEREBRAL VENTRICLES/ DOGS/ DOPA,
administration & dosage/ *DOPA, antagonists
& inhibitors/ DOPA, metabolism/ DOPA
DECARBOXYLASE, antagonists & inhibitors/
DOPAMINE, administration & dosage/
DOPAMINE, pharmacodynamics/ *EMETICS,
antagonists & inhibitors/ *HYDRAZINES,
pharmacodynamics/ INJECTIONS/
INJECTIONS, INTRAVENOUS/
METHYLDOPAHYDRAZINE, pharmacodynamics**
- 2732. Loubatières AL, Loubatières-Mariani MM, Ribes G, et
al: Studies of the action of neutral red on glycemia and
on insulin and glucagon secretion in the dog.
Horm Metab Res 6:111-5, Mar 74
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
BLOOD PRESSURE/ BLOOD SUGAR/ DOGS/
EPINEPHRINE, blood/ *GLUCAGON, blood/
GLUCAGON, secretion/ *HYPERGLYCEMIA,
blood/ HYPERGLYCEMIA, chemically induced/
HYPOGLYCEMIA, chemically induced/
*INSULIN, blood/ INSULIN, secretion/
ISLANDS OF LANGERHANS, drug effects/
ISLANDS OF LANGERHANS, secretion/
MALE/ NOREPINEPHRINE, blood/
PHENAZINES/ *PHENAZINES,
pharmacodynamics/ RADIOIMMUNOASSAY/
SPECTROMETRY, FLUORESCENCE/ STAINS
AND STAINING/ TIME FACTORS**
- 2733. Louie AJ, Candido EF, Dixon GH: Enzymatic
modifications and their possible roles in regulating
the binding of basic proteins to DNA and in
controlling chromosomal structure.
Cold Spring Harbor Symp Quant Biol 38:803-19, 1973
ACETYLATION/ AMINO ACID SEQUENCE/
AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ CELL DIVISION/
*CHROMOSOMES/ DNA, biosynthesis/ *DNA,
metabolism/ ELECTROPHORESIS, STARCH
GEL/ HISTONES, biosynthesis/ *HISTONES,
metabolism/ KINETICS/ MALE/ MODELS,
CHEMICAL/ PHOSPHATES, metabolism/
*PROTAMINES, metabolism/ *PROTEIN
BINDING/ SALMONIDAE, metabolism/
SPERMATOGENESIS/ TESTIS, metabolism/
TRITIUM**
- 2734. Lovejoy FH Jr, Smith AL, Bresnan MJ, et al: Clinical
staging in Reye syndrome.
Am J Dis Child 128:36-41, Jul 74
AMMONIA, blood/ BLOOD SUGAR, analysis/
*BRAIN DISEASES, pathology/ BRAIN**

AUTHOR SECTION

- EDEMA, drug therapy/ CEREBROSPINAL FLUID PROTEINS, analysis/ CONVULSIONS, etiology/ ELECTROENCEPHALOGRAPHY/ EXCHANGE TRANSFUSION/ *FATTY LIVER, pathology/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ GLUCOSE, analysis/ HUMAN/ INTRACRANIAL PRESSURE/ LIVER FUNCTION TESTS/ MALE/ MANNITOL, therapeutic use/ PROGNOSIS/ PROTHROMBIN TIME/ REYE'S SYNDROME, blood/ REYE'S SYNDROME, cerebrospinal fluid/ REYE'S SYNDROME, mortality/ REYE'S SYNDROME, pathology/ REYE'S SYNDROME, therapy
2735. Lowhagen T: Aspiration biopsy cytology. I. Cytology of supradiaphragmatic organs. 3 Thyroid. Monogr Clin Cytol 4:87-89, 1974 (8 ref.)
ADENOMA, pathology/ *BIOPSY, NEEDLE/ CARCINOMA, pathology/ CARCINOMA, PAPILLARY, pathology/ GIANT CELL TUMORS, pathology/ GOITER, pathology/ GOITER, EXOPHTHALMIC, pathology/ GOITER, NODULAR, etiology/ HUMAN/ HYPERTHYROIDISM, complications/ NEOPLASM METASTASIS/ PARATHYROID NEOPLASMS, pathology/ REVIEW/ *THYROID DISEASES, pathology/ *THYROID GLAND, pathology/ THYROID NEOPLASMS, pathology/ THYROIDITIS, pathology/ THYROIDITIS, LYMPHOMATOUS, pathology
2736. Löwhagen T, Sprenger E: Cytologic presentation of thyroid tumors in aspiration biopsy smear. A review of 60 cases. Acta Cytol (Baltimore) 18:192-7, May-Jun 74
ADENOCARCINOMA, diagnosis/ *ADENOCARCINOMA, pathology/ ADENOMA, diagnosis/ *ADENOMA, pathology/ BIOPSY, NEEDLE/ CARCINOMA, diagnosis/ *CARCINOMA, pathology/ CARCINOMA, PAPILLARY, diagnosis/ *CARCINOMA, PAPILLARY, pathology/ CYTODIAGNOSIS/ HUMAN/ HYPERPARATHYROIDISM, pathology/ MICROSCOPY, ELECTRON/ THYROID GLAND, pathology/ THYROID NEOPLASMS, diagnosis/ *THYROID NEOPLASMS, pathology
2737. Lowry PJ, McMartin C: Metabolism of two adrenocorticotrophin analogues in the intestine of the rat. Biochem J 138:87-95, Jan 74
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ *CORTICOTROPIN, metabolism/ GEL FILTRATION/ INTESTINAL MUCOSA, metabolism/ INTESTINE, SMALL, metabolism/ LYSINE/ MALE/ SERINE/ STOMACH, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS
2738. Lübbert H, Pollow K, Wagner R, et al: The influence of ethanol on the conversion of pregnenolone to progesterone by human placental microsomes. Acta Endocrinol (Kbh) 76:178-88, May 74
ACETONE, pharmacodynamics/ *ALCOHOL, ETHYL, pharmacodynamics/ ALCOHOL, METHYL, pharmacodynamics/ CARBON RADIOISOTOPES/ DEPRESSION, CHEMICAL/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROXYSTEROID DEHYDROGENASES, metabolism/ IN VITRO/ KINETICS/ *MICROSOMES, drug effects/ MICROSOMES, enzymology/ PLACENTA, cytology/ *PLACENTA, drug effects/ *PREGNENOLONE, metabolism/ *PROGESTERONE, biosynthesis/ PROPANEDIOLS, pharmacodynamics/ STIMULATION, CHEMICAL/ TEMPERATURE/ TIME FACTORS/ TRITIUM
2739. Lubicz-Nawrocki CM: The inhibition of fertilizing ability of epididymal spermatozoa by the administration of oestradiol benzoate to testosterone-maintained hypophysectomized or castrated hamsters. J Endocrinol 61:133-8, Apr 74
ANIMAL EXPERIMENTS/ CASTRATION/ EPIDIDYMI, drug effects/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *FERTILIZATION, drug effects/ FRUCTOSE, analysis/ HAMSTERS/ HYPOPHYSECTOMY/ MALE/ MICROSCOPY, PHASE CONTRAST/ SEMINAL VESICLES, enzymology/ *SPERMATOZOA, drug effects/ TESTOSTERONE, pharmacodynamics/ VAS DEFERENS, drug effects
2740. Lucis OJ, Lucis R, Aterman K: Tumorigenesis by cadmium. Oncology 26:53-67, 1972
ANIMAL EXPERIMENTS/ CADMIUM, metabolism/ *CADMIUM, toxicity/ *CARCINOGENS/ FIBROSARCOMA, chemically induced/ KIDNEY, metabolism/ *LEYDIG CELL TUMOR, chemically induced/ LEYDIG CELL TUMOR, metabolism/ LIVER, metabolism/ MALE/ MUSCLES, metabolism/ NEOPLASMS, EXPERIMENTAL, metabolism/ PROGESTERONE, metabolism/ RADIOISOTOPES/ SKIN, metabolism/ *TESTICULAR NEOPLASMS, chemically induced/ TESTICULAR NEOPLASMS, metabolism/ *TESTIS, drug effects/ TESTIS, metabolism/ TESTOSTERONE, biosynthesis/ TIME FACTORS/ ZINC, metabolism/ ZINC ISOTOPES
2741. Ludens JH, Fanestil DD: Aldosterone stimulation of acidification of urine by isolated urinary bladder of the Colombian toad. Am J Physiol 226:1321-6, Jun 74
ACETAZOLAMIDE, pharmacodynamics/ *ACID-BASE EQUILIBRIUM/ *ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BICARBONATES, metabolism/ BIOLOGICAL TRANSPORT/ BLADDER, drug effects/ BLADDER, metabolism/ *BLADDER, physiology/ BUFO MARINUS/ CYCLOHEXIMIDE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROPHYSIOLOGY/ ESTRADIOL, pharmacodynamics/ IN VITRO/ METHODS/ SODIUM, metabolism/ SODIUM CHLORIDE, pharmacodynamics/ *URINE/ VASOPRESSIN, pharmacodynamics
2742. Ludueña MA, Sussman HH, Rabson AS: Synthesis of human placental alkaline phosphatase in vitro by the ChaGo cell line. J Natl Cancer Inst 52:1705-9, Jun 74
ALKALINE PHOSPHATASE, analysis/ *ALKALINE PHOSPHATASE, biosynthesis/ *CELL LINE/ CELLS, CULTURED, drug effects/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ GONADOTROPINS, CHORIONIC, biosynthesis/ HEAT/ HORMONES, ECTOPIC, biosynthesis/ HUMAN/ IMMUNOASSAY/ LEUCINE, pharmacodynamics/ *LUNG NEOPLASMS, enzymology/ MOLECULAR WEIGHT/ PHENYLALANINE, pharmacodynamics/ *PLACENTA, enzymology
2743. Lufkin EG, Ellis GJ 3d, Hartman CR, et al: Improved diagnosis of hyperparathyroidism: use of serum-ionized calcium and tubular reabsorption of calcium. South Med J 67:688-90, Jun 74
ALKALINE PHOSPHATASE, blood/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ CALCIUM, DIETARY/ CREATININE, urine/ HUMAN/ *HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, enzymology/ *KIDNEY TUBULES, physiology/ PARATHYROID GLANDS, surgery/ PHOSPHORUS, blood/ PHOSPHORUS, urine
2744. Lufkin EG, Stifel FB, Teplitz RS, et al: Permissive effect of testosterone on dietary adaptation of jejunal pyruvate kinase in hypogonadal males. J Clin Endocrinol Metab 38:1130-3, Jun 74
BIOPSY/ DIET/ DIETARY CARBOHYDRATES/ FRUCTOSE/ GLUCOSE/ HUMAN/ *HYPOGONADISM, enzymology/ *JEJUNUM, enzymology/ KLINEFELTER'S SYNDROME, enzymology/ MALE/ *PYRUVATE KINASE, metabolism/ *TESTOSTERONE, pharmacodynamics
2745. Lui CW, Sage BA, O'Connor JD: Biosynthesis of lipovitellin by the crustacean ovary.

AUTHOR SECTION

- J Exp Zool 188:289-96, Jun 74
AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ ANTIBODIES/ CARBON
RADIOISOTOPES/ CENTRIFUGATION,
DENSITY GRADIENT/ CHROMATOGRAPHY,
THIN LAYER/ *CRAYFISH, metabolism/
ELECTROPHORESIS, DISC/ FEMALE/
GLYCERIN, metabolism/ IN VITRO/ LIPIDS,
analysis/ LIPOPROTEINS, analysis/
*LIPOPROTEINS, HDL, biosynthesis/
LIPOPROTEINS, HDL, isolation & purification/
METHODS/ *OVARY, metabolism/
PRECIPITATION/ PROTEINS, analysis/
RABBITS, immunology/ TRITIUM
2746. Lukasheva ID: Sex as a modifier of the manifestation of schizophrenia. Sov Genet 7:1491-4, 1 Feb 74
ADOLESCENCE/ BIRTH INJURIES,
complications/ CHILD/ CHILD, PRESCHOOL/
FEMALE/ GENE FREQUENCY/ HUMAN/
MALE/ PHENOTYPE/ PREGNANCY/
PREGNANCY COMPLICATIONS/
SCHIZOPHRENIA, CHILDHOOD, etiology/
*SCHIZOPHRENIA, CHILDHOOD, familial &
genetic/ SELECTION (GENETICS)/ *SEX
CHROMOSOMES/ SEX RATIO/ VARIATION
(GENETICS)
2747. Lukaszuk A, Reiter RJ: Neurosecretion in the pineal gland of Macaca rhesus. Experientia 30:654-5, 15 Jun 74
ANIMAL EXPERIMENTS/ FEMALE/
HISTOCYTOCHEMISTRY/ HORMONES,
metabolism/ *MACACA, physiology/ MALE/
NEUROSECRETION/ PEPTIDES, metabolism/
PINEAL BODY, cytology/ *PINEAL BODY,
secretion/ STAINS AND STAINING
2748. Lüllmann H, Peters T: Cardiac glycoalkaloids and contractility. Adv Cardiol 12:174-82, 1974 (11 ref.)
*ADENOSINE TRIPHOSPHATASE, antagonists
& inhibitors/ ANIMAL EXPERIMENTS/
*CALCIUM, metabolism/ CALCIUM
RADIOISOTOPES/ DIGITOXIN, administration
& dosage/ *DIGITOXIN, pharmacodynamics/
HALF-LIFE/ OUABAIN, administration &
dosage/ *OUABAIN, pharmacodynamics/
PAPILLARY MUSCLES, drug effects/
*PAPILLARY MUSCLES, metabolism/
REVIEW/ TRITIUM
2749. Lumb GA, Stanbury SW: Parathyroid function in human vitamin D deficiency and vitamin D deficiency in primary hyperparathyroidism. Am J Med 56:833-9, Jun 74
ADOLESCENCE/ ADULT/ ASIA/ CALCIUM,
blood/ FEMALE/ HUMAN/ HYPERCALCEMIA,
etiology/ HYPERPARATHYROIDISM, blood/
*HYPERPARATHYROIDISM, etiology/ MALE/
MIDDLE AGE/ MONGOLOID RACE/ OSTEITIS
FIBROSA CYSTICA, blood/ OSTEITIS
FIBROSA CYSTICA, complications/
OSTEOMALACIA, blood/ OSTEOMALACIA,
complications/ *PARATHYROID GLANDS,
physiopathology/ PARATHYROID HORMONE,
blood/ PHOSPHORUS, blood/
RADIOIMMUNOASSAY/ RICKETS, blood/
RICKETS, complications/ VITAMIN D
DEFICIENCY, blood/ VITAMIN D
DEFICIENCY, complications/ *VITAMIN D
DEFICIENCY, physiopathology
2750. Lunnas T, Onstad O: The urinary excretion of oestrogens in cows treated with a synthetic gestagen (chlormadinone-acetate, CAP) for the control of oestrus. Nord Vet Med 25:28-32, Jan 73
ANIMAL EXPERIMENTS/ CATTLE/
CHLORMADINONE, administration & dosage/
*CHLORMADINONE, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
*ESTRADIOL, urine/ *ESTRONE, urine/
*ESTRUS, drug effects/ FEMALE/ GRAAFIAN
FOLLICLE, drug effects/ STIMULATION,
CHEMICAL/ TIME FACTORS
2751. Lunnas T, Refsdal AO, Garm O: Urinary excretion of oestrone and oestradiol-17alpha in cows with cystic ovaries. Acta Endocrinol (Kbh) 75:350-6, Feb 74
ANIMAL EXPERIMENTS/ CASTRATION,
veterinary/ CATTLE/ CATTLE DISEASES,
urine/ *ESTRADIOL, urine/ *ESTRONE, urine/
FEMALE/ FLUOROMETRY/ OVARIAN CYSTS,
urine/ *OVARIAN CYSTS, veterinary/ TIME
FACTORS
2752. Lund B, Madsen SN, Kampmann JP, et al: Letter: Propranolol and thyroidectomy. Lancet 1:1348, 29 Jun 74
FEMALE/ HUMAN/ HYPERTHYROIDISM,
blood/ HYPERTHYROIDISM, surgery/
*HYPERTHYROIDISM, therapy/
PREOPERATIVE CARE/ PROPRANOLOL,
administration & dosage/ *PROPRANOLOL,
therapeutic use/ *THYROIDECTOMY/
THYROXINE, blood
2753. Lunderquist A, Tylén U, Norrby C: Portal pressure change after injection of bradykinin and vasopressin in celiac and superior mesenteric artery. Acta Chir Scand 140:214-6, 1974
BRADYKININ, administration & dosage/
*BRADYKININ, pharmacodynamics/ CELIAC
ARTERY/ DEPRESSION, CHEMICAL/
FEMALE/ HUMAN/ INJECTIONS,
INTRA-ARTERIAL/ MALE/ MESENTERIC
ARTERIES/ *PORTAL VEIN, drug effects/
STIMULATION, CHEMICAL/ TIME FACTORS/
VASOPRESSIN, administration & dosage/
*VASOPRESSIN, pharmacodynamics/ VENOUS
PRESSURE, drug effects
2754. Lundgren Y, Hallböck M, Weiss L, et al: Rate and extent of adaptive cardiovascular changes in rats during experimental renal hypertension. Acta Physiol Scand 91:103-15, May 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
AORTA, THORACIC, pathology/ BARIUM
SULFATE/ *BLOOD PRESSURE, drug effects/
BODY WATER/ BODY WEIGHT/
CONSTRICTION/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ HEART
ENLARGEMENT/ HEART VENTRICLE,
pathology/ *HYPERTENSION, RENAL,
physiopathology/ *KIDNEY, blood supply/
MALE/ MUSCLE, SMOOTH, drug effects/
NOREPINEPHRINE, administration & dosage/
NOREPINEPHRINE, pharmacodynamics/
ORGAN WEIGHT/ RENAL ARTERY/ TIME
FACTORS/ VASOPRESSIN
2755. Lundy LE, Lee SG, Levy W, et al: The ovulatory cycle. A histologic, thermal, steroid, and gonadotropin correlation. Obstet Gynecol 44:14-25, Jul 74
*BODY TEMPERATURE/ CIRCADIAN
RHYTHM/ CORPUS LUTEUM, cytology/
ENDOMETRIUM, cytology/ ESTRADIOL, blood/
*ESTROGENS, blood/ ESTRONE, blood/
FEMALE/ *FSH, blood/ HUMAN/ *LH, blood/
*OVARY, physiology/ *OVULATION/
*PROGESTERONE, blood/
RADIOIMMUNOASSAY/ STERILIZATION,
TUBAL/ TIME FACTORS
2756. Lunenfeld B, Insler V: Classification of amenorrhoeic states and their treatment by ovulation induction. Clin Endocrinol (Oxf) 3:223-37, Apr 74
ABORTION/ *AMENORRHEA, classification/
AMENORRHEA, drug therapy/ AMENORRHEA,
metabolism/ CLOMIPHENE, pharmacodynamics/
CLOMIPHENE, therapeutic use/ FEMALE/
FSH, blood/ GESTATIONAL AGE/
GONADOTROPINS, pharmacodynamics/
GONADOTROPINS, therapeutic use/ HUMAN/
LH, blood/ LH-FSH RELEASING HORMONE,
metabolism/ MENSTRUATION/ *OVULATION/
OVULATION, drug effects/ PITUITARY
HORMONE RELEASING HORMONES,
metabolism/ PITUITARY HORMONE
RELEASING HORMONES, therapeutic use/
TIME FACTORS
2757. Lunglmayr G, Spona J, Ludvik W: Endokrinologische Differenzierung männlicher Gonadenfunktionsstörungen durch radioimmunologische Bestimmung des FSH, LH und Testosteron im Serum. Wien Klin Wochenschr 86:305-10, 31 May 74 (Ger)
ADOLESCENCE/ ADULT/ CRYPTORCHISM,
blood/ ENGLISH ABSTRACT/ *FSH, blood/
HUMAN/ *HYPOGONADISM, blood/
HYPOTHALAMUS, metabolism/ LEYDIG

AUTHOR SECTION

- CELLS, metabolism/ *LH, blood/ MALE/
ORCHITIS, blood/ PITUITARY GLAND,
metabolism/ RADIOIMMUNOASSAY/ SEX
FACTORS/ SPERMATOGENESIS/
*TESTOSTERONE, blood/ VARICOCELE, blood
2758. Lunina NV: Osobennosti postgemorragicheskogo
èritropoèza pri eksperimental'nom gipotireoze.
Patol Fiziol Eksp Ter 14:79-81, Sep-Oct 74 (Rus)
ANIMAL EXPERIMENTS/ BONE MARROW
CELLS, cytology/ ENGLISH ABSTRACT/
ERYTHROCYTE COUNT/ *ERYTHROPOIESIS/
*HEMORRHAGE, blood/ *HYPOTHYROIDISM,
blood/ RABBITS/ TIME FACTORS
2759. Lunina NV: O roli shchitovidnoy zhelezy v gumoral'noy
regulatsii krovetvorennya.
Patol Fiziol Eksp Ter 10:63-5, May 74 (Rus)
ANIMAL EXPERIMENTS/ CELL COUNT/
ENGLISH ABSTRACT/ ERYTHROPOIESIS,
drug effects/ *HEMATOPOIESIS, drug effects/
HEMATOPOIETIC STEM CELLS, cytology/
HEMORRHAGE, physiopathology/
HYPERTHYROIDISM, physiopathology/
HYPOTHYROIDISM, physiopathology/
*NEUROHUMORS, physiology/ *THYROID
GLAND, physiopathology
2760. Luppis B, Rutter WJ: Induction of tyrosine
aminotransferase by triamcinolone during rat liver
development in vitro. Dev Biol 33:482-6, Aug 73
AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ ENZYME INDUCTION/
FEMALE/ GLUCAGON, pharmacodynamics/ IN
VITRO/ LIVER, drug effects/ *LIVER,
embryology/ LIVER, enzymology/ ORGAN
CULTURE/ PREGNANCY/ PUROMYCIN,
pharmacodynamics/ RATS/ SOMATOTROPIN,
pharmacodynamics/ *TRIAMCINOLONE,
pharmacodynamics/ *TYROSINE
AMINOTRANSFERASE, metabolism
2761. Lupulescu A, Stebner F: Effect of synthetic salmon
calcitonin on iodine metabolism in rabbits.
Proc Soc Exp Biol Med 146:56-8, May 74
ANIMAL EXPERIMENTS/ *CALCITONIN,
pharmacodynamics/ IODINE, blood/ *IODINE,
metabolism/ IODINE RADIOISOTOPES/
KIDNEY, metabolism/ RABBITS/ SALMON,
metabolism/ *THYROID GLAND, metabolism/
THYROXINE, blood/ THYROXINE-BINDING
PROTEIN, analysis
2762. Lurati M, Mertens HG: Immunsuppressive Behandlung
einer bösartig verlaufenden Dermatomyositis mit
Zytostatika und Thymektomie.
Dtsch Med Wochenschr 99:697-700, 5 Apr 74 (Ger)
*ACTINOMYCIN, therapeutic use/ ADRENAL
CORTEX HORMONES, therapeutic use/
*AZATHIOPRINE, therapeutic use/ CHRONIC
DISEASE/ *DERMATOMYOSITIS,
drug therapy/ DERMATOMYOSITIS, therapy/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
MERCAPTOPURINE, therapeutic use/
METHOTREXATE, therapeutic use/
RECURRENCE/ THYMECTOMY
2763. Lüscher EF, Massini F: On the mechanism of the
induction of the platelet release reaction.
Acta Univ Carol [Med Monogr] (Praha) 53:69-74, 1972
(26 ref.)
ACETYLATION/ ADENOSINE DIPHOSPHATE,
antagonists & inhibitors/ ADENOSINE
DIPHOSPHATE, metabolism/ ADENOSINE
DIPHOSPHATE, physiology/
ANTIGEN-ANTIBODY COMPLEX/ BIOGENIC
AMINES, metabolism/ BLOOD COAGULATION
FACTORS, metabolism/ *BLOOD PLATELETS,
metabolism/ CELL MEMBRANE, drug effects/
COLLAGEN, pharmacodynamics/
DENSITOMETRY/ DEXTRAN,
pharmacodynamics/ EDTA, pharmacodynamics/
GAMMA GLOBULIN, pharmacodynamics/
GLYCOPROTEINS, blood/ HUMAN/ IN
VITRO/ *PLATELET ADHESIVENESS, drug
effects/ POLYMERS, pharmacodynamics/
POTASSIUM, metabolism/ RECEPTORS,
DRUG/ REVIEW/ SEROTONIN,
pharmacodynamics/ THROMBIN,
pharmacodynamics/ TRYPSIN,
pharmacodynamics
2764. Lusignan DN, Marden HE Jr, Woodruff MW:
Intrauterine torsion of the spermatic cord.
NY State J Med 74:858-9, May 74
CASE REPORT/ FEMALE/ GANGRENE,
etiology/ HUMAN/ HYDROCELE, surgery/
INFANT, NEWBORN/ MALE/ PREGNANCY/
SCROTUM, pathology/ SPERMATIC CORD
TORSION, complications/ *SPERMATIC CORD
TORSION, congenital/ SPERMATIC CORD
TORSION, pathology/ SPERMATIC CORD
TORSION, surgery/ TESTIS, pathology
2765. Lutomirsky C, Brunner KW: Zur Prognose des
inoperablen Bronchuskarzinoms.
Schweiz Med Wochenschr 104:760-7, 25 May 74 (Ger)
BRONCHIAL NEOPLASMS, radiotherapy/
*BRONCHIAL NEOPLASMS, therapy/
CARCINOMA, BRONCHIOLAR, radiotherapy/
*CARCINOMA, BRONCHIOLAR, therapy/
CARCINOMA, EPIDERMOID, radiotherapy/
*CARCINOMA, EPIDERMOID, therapy/
CARCINOMA, OAT CELL, radiotherapy/
*CARCINOMA, OAT CELL, therapy/ ENGLISH
ABSTRACT/ FOLLOW-UP STUDIES/ HUMAN/
PALLIATIVE TREATMENT/ PROGNOSIS/
TIME FACTORS
2766. Lutton JP, Thiebaut P: Les syndromes
hypothalamo-hypophysaires. 2.
Rev Infirm 24:113-6, Feb 74 (Fre)
ENDOCRINE DISEASES/
HYPOTHALAMO-HYPOPHYSAL SYSTEM/
SPECIAL LIST NURSING
2767. Lutton JP, Thiebaut P: Les syndromes
hypothalamo-hypophysaires. 1.
Rev Infirm 24:13-8, Jan 74 (Fre)
ENDOCRINE DISEASES/
HYPOTHALAMO-HYPOPHYSAL SYSTEM/
SPECIAL LIST NURSING
2768. Lutz U, Weirich EG: Der Hautvasokonstriktionstest am
Menschen als Prüfmethode für Externocorticoide. II.
Hautvasokonstriktionseffekt bekannter
Lokalcorticoide in Testanordnungen verschiedener
Untersucher.
Dermatologica 148:160-74, 1974 (Ger)
*ANTI-INFLAMMATORY AGENTS, TOPICAL,
pharmacodynamics/ ENGLISH ABSTRACT/
EVALUATION STUDIES/
*GLUCOCORTICOIDS, TOPICAL,
pharmacodynamics/ HUMAN/ METHODS/
*SKIN, blood supply/ SKIN, drug effects/
*VASOMOTOR SYSTEM, drug effects
2769. Luyten JA, Rutten GA: Analysis of steroids by
high-resolution gas-liquid chromatography. II.
Application to urinary samples.
J Chromatogr 91:393-406, 24 Apr 74
ADOLESCENCE/ ADRENAL CORTEX
HORMONES, urine/ ADULT/ ALKANES,
urine/ CHILD/ CHROMATOGRAPHY, GAS/
*CHROMATOGRAPHY, GAS, instrumentation/
GLASS/ HUMAN/ HYDROXYSTERIODS, urine/
INFANT, NEWBORN/ KETOSTEROIDS, urine/
MALE/ METABOLIC DISEASES, diagnosis/
METABOLIC DISEASES, urine/ SPECTRUM
ANALYSIS, MASS/ *STERIODS, urine/
TEMPERATURE
2770. Lyall SS, Roth O, Flynn JH, et al: Massive spontaneous
adrenal hemorrhage. A case report.
Conn Med 38:301-3, Jun 74
*ADRENAL GLAND DISEASES, complications/
ADRENALECTOMY/ AGED/ *HEMORRHAGE,
GASTROINTESTINAL, etiology/ HUMAN/
LAPAROTOMY/ MALE/ RUPTURE,
SPONTANEOUS
2771. Lycke E, Roos BE: Influence of changes in brain
monoamine metabolism on behaviour of herpes
simplex-infected mice. J Neurol Sci 22:277-89, Jul 74
AGGRESSION/ ANIMAL EXPERIMENTS/
APOMORPHINE, pharmacodynamics/
*BEHAVIOR, ANIMAL/ BRAIN, drug effects/
BRAIN, enzymology/ *BRAIN, metabolism/
CLONIDINE, pharmacodynamics/ DISEASE

AUTHOR SECTION

MODELS, ANIMAL/ DISULFIDES,
pharmacodynamics/ DOPA, pharmacodynamics/
*DOPAMINE, metabolism/ DOPAMINE BETA
HYDROXYLASE, metabolism/ HERPES
SIMPLEX, enzymology/ *HERPES SIMPLEX,
metabolism/ HOMOVANILLIC ACID,
metabolism/ HYDROXYINDOLEACETIC ACID,
metabolism/ METHYLTYROSINES,
pharmacodynamics/ MOTOR ACTIVITY/
NOREPINEPHRINE, metabolism/
PHENOXYBENZAMINE, pharmacodynamics/
PIMOZIDE, pharmacodynamics/ RECEPTORS,
ADRENERGIC, drug effects/ *SEROTONIN,
metabolism/ TYROSINE HYDROXYLASE,
metabolism/ VACCINIA, metabolism/ VIRUS
CULTIVATION

2772. Lykkegaard Nielsen E: Pycnodysostosis. Six cases with new symptoms and an autopsy.

Acta Paediatr Scand 63:437-42, May 74
AUTOPSY/ FEMALE/ FOOT, radiography/
HAND, radiography/ HUMAN/ LUNG,
pathology/ MALE/ OSTEOPETROSIS,
diagnosis/ OSTEOPETROSIS, pathology/
*OSTEOPETROSIS, radiography/ *PALATE,
abnormalities/ PROGNOSIS/ *RESPIRATORY
INSUFFICIENCY/ SKULL, radiography/
VOMITING

2773. Lynch HT, Guirgis HA: Cancer resistance: I. Nebr Med J 59:156-61, May 74 (31 ref.)

ADULT/ AGE FACTORS/ AGED/ DIABETES
MELLITUS, complications/ DIABETES
MELLITUS, familial & genetic/ FEMALE/
GENOTYPE/ GLUCOSEPHOSPHATE DEHY-
DROGENASE DEFICIENCY, complications/
GLUCOSEPHOSPHATE DEHY- DROGENASE
DEFICIENCY, familial & genetic/
HEREDITARY DISEASES, immunology/
HUMAN/ LONGEVITY/ MALE/ MIDDLE AGE/
NEOPLASMS, complications/ NEOPLASMS,
familial & genetic/ *NEOPLASMS,
immunology/ OSTEOGENESIS IMPERFECTA,
complications/ OSTEOGENESIS IMPERFECTA,
familial & genetic/ PEDIGREE/ REVIEW

2774. Lyne C, Gower DB, Lessof MH: Proceedings: Effects of aminoglutethimide and SU 10'603 on the biosynthesis of C19 steroids. J Endocrinol 61:xvixvii, Apr 74

*AMINOGLUTETHIMIDE, pharmacodynamics/
ANDROSTENEDIONE, metabolism/ ANIMAL
EXPERIMENTS/ CARBON RADIOISOTOPES/
CHOLESTEROL, metabolism/
*HYDROXYLASES, antagonists & inhibitors/
IN VITRO/ MALE/ *NAPHTHALENES,
pharmacodynamics/ PREGNENOLONE,
metabolism/ PROGESTERONE, metabolism/
*PYRIDINES, pharmacodynamics/ RATS/
*STEROIDS, biosynthesis/ SWINE/ TESTIS,
drug effects/ TESTIS, metabolism/
TESTOSTERONE, metabolism

2775. Lyons HJ, Churchill PC: The influence of ouabain on in vitro renin secretion.

Proc Soc Exp Biol Med 145:1148-50, Apr 74
ANIMAL EXPERIMENTS/ KIDNEY CORTEX,
metabolism/ *KIDNEY CORTEX, secretion/
*OUABAIN, pharmacodynamics/ RATS/
*RENIN, secretion/ SODIUM, metabolism/
TISSUE CULTURE

M

2776. Maas JW, Dekirmenjian H, Fawcett JA: MHPG excretion by patients with affective disorders. Int Pharmacopsychiatry 9:14-26, 1974 (41 ref.)

AFFECTIVE DISTURBANCES, blood/
*AFFECTIVE DISTURBANCES, urine/ BRAIN,
metabolism/ CATECHOLAMINES, urine/
CREATININE, urine/ DEPRESSION, drug
therapy/ DEPRESSION, urine/ DESIPRAMINE,
therapeutic use/ DEXTRO AMPHETAMINE,
therapeutic use/ EXERTION/ FEMALE/
*GLYCOLS, urine/ HUMAN/ IMIPRAMINE,
therapeutic use/ MALE/ MENTAL
RETARDATION, urine/
METHOXYHYDROXYPHENYL GLYCOL, blood/
METHOXYHYDROXYPHENYL GLYCOL, urine/
NOREPINEPHRINE, metabolism/
NORMETANEPHRINE, urine/ PSYCHOSES,

MANIC-DEPRESSIVE, urine/ REVIEW/
VANILMANDELIC ACID, urine

2777. McBean LD, Speckmann EW: A review: the importance of nutrition in oral health.

J Am Dent Assoc 89:109-14, Jul 74
CALCIUM, metabolism/ COUNSELING/
DENTAL CARIES, prevention & control/
DENTAL CARIES SUSCEPTIBILITY/ DENTAL
PLAQUE, microbiology/ DENTAL PLAQUE,
prevention & control/ DIETARY PROTEINS,
metabolism/ FLUORIDES, metabolism/
HUMAN/ *NUTRITION/ *ORAL HEALTH/
ORAL HYGIENE/ PERIODONTAL DISEASES,
prevention & control/ PHOSPHATES,
metabolism/ PHOSPHORUS, metabolism/
PREVENTIVE DENTISTRY/ TOOTH
CALCIFICATION/ TRACE ELEMENTS,
metabolism/ VITAMIN D, metabolism

2778. McBean LD, Speckmann EW: A recognition of the interrelationship of calcium with various dietary components. Am J Clin Nutr 27:603-9, Jun 74 (47 ref.)

ADULT/ ANIMAL EXPERIMENTS/ BONE
AND BONES, metabolism/ *CALCIUM,
metabolism/ *CALCIUM, DIETARY/ DIET/
DIETARY FATS/ DIETARY PROTEINS/
DIHYDROXYCHOLECALCIFEROLS/ HUMAN/
INOSITOL/ INTESTINAL ABSORPTION/
INTESTINE, SMALL, metabolism/ JAW
DISEASES, etiology/ LACTOSE/ MAGNESIUM/
MALE/ NUTRITION/ NUTRITIONAL
REQUIREMENTS/ OSTEOPOROSIS, etiology/
OXALATES/ PHOSPHORUS/ PROTEIN
BINDING/ PROTEINS, metabolism/ REVIEW/
VITAMIN D

2779. McBride WJ, Aprison MH: Release of 5-hydroxytryptamine from serotonergic nerve endings by alpha-methyl-meta-tyramine.

Pharmacol Biochem Behav 1:587-90, Sep-Oct 73
ANIMAL EXPERIMENTS/ FEMALE/
HYDROXYINDOLEACETIC ACID, metabolism/
MALE/ METARAMINOL, pharmacodynamics/
*NERVE ENDINGS, metabolism/ PIGEONS/
RATS/ REINFORCEMENT SCHEDULE/
*SEROTONIN, metabolism/ SYNAPTOSOMES,
metabolism/ TELEENCEPHALON, cytology/
TRITIUM/ *TYRAMINE, pharmacodynamics

2780. McCaa RE, McCaa CS, Read VH, et al: Alterations in plasma aldosterone levels in response to acute stimuli in kidney allograft recipients.

Surg Forum 23:75-7, 1972
*ALDOSTERONE, blood/ ANGIOTENSIN,
pharmacodynamics/ CORTICOTROPIN,
pharmacodynamics/ HUMAN/ *KIDNEY,
transplantation/ POSTURE/
TRANSPLANTATION, HOMOLOGOUS

2781. McCann BG, Brewer DB: A case of desquamative interstitial pneumonia progressing to "honeycomb lung". J Pathol 112:199-202, Apr 74

ACUTE DISEASE/ AUTOPSY/ BIOPSY/
HEART ENLARGEMENT, complications/
HUMAN/ KIDNEY, pathology/ LUNG,
pathology/ MALE/ MICROSCOPY, ELECTRON/
PANCREATITIS, pathology/ PREDNISOLONE,
therapeutic use/ *PULMONARY ALVEOLI,
pathology/ PULMONARY FIBROSIS,
complications/ PULMONARY FIBROSIS, drug
therapy/ *PULMONARY FIBROSIS, pathology/
SKIN, pathology/ SPLENOMEGALY, etiology

2782. McCann SM, Krulich L, Cooper KJ, et al: Hypothalamic control of gonadotrophin and prolactin secretion, implications for fertility control.

J Reprod Fertil [Suppl] 20:43-59, Dec 73 (32 ref.)
ANIMAL EXPERIMENTS/ BRAIN MAPPING/
DOPAMINE, antagonists & inhibitors/
DOPAMINE, physiology/ ELECTRIC
STIMULATION/ ESTROGENS, physiology/
FEEDBACK/ FEMALE/ *FERTILITY/ FSH,
secretion/ *GONADOTROPINS, PITUITARY,
secretion/ HISTOCYTOCHEMISTRY/
HYPOTHALAMUS, analysis/
*HYPOTHALAMUS, physiology/ LH, secretion/
LH-FSH RELEASING HORMONE, isolation &
purification/ MELATONIN, physiology/
NEURAL TRANSMISSION/ OVARY,

AUTHOR SECTION

- physiology/ OVULATION/ PITUITARY
HORMONE RELEASING HORMONES/
*PROLACTIN, secretion/
RADIOIMMUNOASSAY/ REVIEW/
SEROTONIN, pharmacodynamics/ SHEEP
2783. McCaughey WJ, Hanna J, O'Brien JJ: A comparison of three laboratory tests for pregnancy diagnosis in the mare. *Equine Vet J* 5:94-5, Apr 73
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ COMPARATIVE STUDY/ FEMALE/
GEL DIFFUSION TESTS/ GONADOTROPINS,
EQUINE, blood/ GONADOTROPINS, EQUINE,
pharmacodynamics/ HEMAGGLUTINATION
INHIBITION TESTS/ *HORSES, physiology/
MICE/ PREGNANCY/ *PREGNANCY TESTS,
veterinary/ PREGNANCY TESTS,
IMMUNOLOGIC, veterinary/ UTERUS, drug
effects
2784. Macchioni B: La terapia medica dell'endometriosi. *Minerva Ginecol* 26:180-5, Mar 74 (Ita)
ANDROGENS, therapeutic use/
*ENDOMETRIOSIS, drug therapy/
ESTROGENS, therapeutic use/ FEMALE/
HUMAN/ PROGESTERONE, therapeutic use
2785. McComas AJ, Sica RE, McNabb AR, et al: Evidence for reversible motoneurone dysfunction in thyrotoxicosis. *J Neurol Neurosurg Psychiatry* 37:548-58, May 74
ELECTRIC STIMULATION/ EVOKED
POTENTIALS/ FEMALE/ HUMAN/
HYPERTHYROIDISM, drug therapy/
*HYPERTHYROIDISM, physiopathology/
IODINE RADIOISOTOPES, therapeutic use/
MALE/ MEDIAN NERVE, physiopathology/
*MOTOR NEURONS/ MUSCLE
CONTRACTION/ MUSCLE DENERVATION/
*MUSCLES, physiopathology/ NEURAL
CONDUCTION/ *PERIPHERAL NERVES,
physiopathology/ PERONEAL NERVE,
physiopathology/ RADIAL NERVE,
physiopathology/ SURAL NERVE,
physiopathology/ ULNAR NERVE,
physiopathology
2786. McCormack CE, Mann BG: Reversal by progesterone of barbiturate blockade of ovulation: effect on concentration of serum LH. *Proc Soc Exp Biol Med* 146:329-32, Jun 74
ANIMAL EXPERIMENTS/ FEMALE/
GONADOTROPINS, EQUINE,
pharmacodynamics/ *LH, blood/ *OVULATION,
drug effects/ *PHENOBARBITAL,
pharmacodynamics/ *PROGESTERONE,
pharmacodynamics/ PUBERTY/ TIME
FACTORS
2787. McCuaig LW, Motzok I: Interactions of Ca, P, Zn and alkaline phosphatase in the chick. 3. Effects of dietary phosphate, NaCl and theophylline. *Comp Biochem Physiol [A]* 48:663-74, 1 Aug 74
*ALKALINE PHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ CALCIUM, blood/
*CALCIUM, metabolism/ CELL NUCLEUS,
drug effects/ CELL NUCLEUS, metabolism/
CHICKENS/ COMPARATIVE STUDY/ DIET/
DUODENUM, drug effects/ DUODENUM,
enzymology/ DUODENUM, metabolism/
INTESTINAL MUCOSA, cytology/
INTESTINAL MUCOSA, drug effects/
INTESTINAL MUCOSA, enzymology/
INTESTINAL MUCOSA, metabolism/ MALE/
PHOSPHATES, blood/ *PHOSPHATES,
metabolism/ PHOSPHATES, pharmacodynamics/
*SODIUM CHLORIDE, pharmacodynamics/
*THEOPHYLLINE, pharmacodynamics/ ZINC,
blood/ *ZINC, metabolism
2788. McDevitt HO, Bodmer WF: HL-A, immune-response genes, and disease. *Lancet* 1:1269-75, 22 Jun 74
ALLELES/ ANIMAL EXPERIMENTS/
*ANTIBODY FORMATION/ *AUTOIMMUNE
DISEASES, familial & genetic/ AUTOIMMUNE
DISEASES, immunology/ CELIAC DISEASE,
immunology/ CHROMOSOME MAPPING/
CROSS REACTIONS/ DERMATITIS
HERPETIFORMIS, immunology/ *GENES/
GENOTYPE/ GOITER, EXOPHTHALMIC,
- immunology/ HAY FEVER, immunology/
HEPATITIS, immunology/
*HISTOCOMPATIBILITY ANTIGENS/
HODGKIN'S DISEASE, immunology/ HUMAN/
LEUKEMIA, LYMPHOBLASTIC, immunology/
*LINKAGE (GENETICS)/ LUPUS
ERYTHEMATOSUS, SYSTEMIC, immunology/
MULTIPLE SCLEROSIS, immunology/
MYASTHENIA GRAVIS, immunology/
PSORIASIS, immunology/ REITER'S DISEASE,
immunology/ SPONDYLITIS, ANKYLOSING,
immunology/ UVEITIS, immunology
2789. Macdonald HN, Buckler JM, Scott JS: Human chorionic gonadotrophin levels during and after labour. *J Obstet Gynaecol Br Commonw* 81:371-3, May 74
FEMALE/ *GONADOTROPINS, CHORIONIC,
blood/ GUINEA PIGS, immunology/ HUMAN/
*LABOR/ PREGNANCY/ PREGNANCY
TOXEMIAS, etiology/ RADIOIMMUNOASSAY/
TIME FACTORS/ TROPHOBLAST
2790. McDonald JW, Stuart EK: Interaction of prostaglandins E1 and E2 in regulation of cyclic-AMP and aggregation in human platelets: evidence for a common prostaglandin receptor. *J Lab Clin Med* 84:111-21, Jul 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENOSINE
DIPHOSPHATE, pharmacodynamics/ BINDING
SITES/ *BLOOD PLATELETS, drug effects/
BLOOD PLATELETS, metabolism/ CARBON
RADIOISOTOPES/ HUMAN/ *PLATELET
ADHESIVENESS, drug effects/
*PROSTAGLANDINS, pharmacodynamics/
*RECEPTORS, DRUG/ SEROTONIN, secretion
2791. McDonald PG, Doughty C: Effect of neonatal administration of different androgens in the female rat: correlation between aromatization and the induction of sterilization. *J Endocrinol* 61:95-103, Apr 74
*ANDROGENS, pharmacodynamics/
ANDROSTENEDIONE, pharmacodynamics/
ANDROSTENOLS, pharmacodynamics/
ANDROSTERONE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ *ANIMALS, NEWBORN/
ANUS, anatomy & histology/ BODY WEIGHT,
drug effects/ CASTRATION/ ESTRADIOL,
pharmacodynamics/ ESTRUS, drug effects/
FEMALE/ INJECTIONS, SUBCUTANEOUS/
ORGAN WEIGHT/ OVARY, drug effects/
PREGNANCY/ PROGESTERONE,
pharmacodynamics/ RATS/ STANOLONE,
pharmacodynamics/ *STERILITY, FEMALE,
chemically induced/ TESTOSTERONE,
pharmacodynamics/ VAGINA, anatomy &
histology/ VAGINAL SMEARS
2792. McDonald PG, Wilson CA, Endersby CA: Proceedings: Potentiating effect of serotonin on pregnant mare serum gonadotrophin induced ovulation in the underweight immature rat. *J Endocrinol* 61:xxv, Apr 74
ANIMAL EXPERIMENTS/ BODY WEIGHT/
DOPAMINE, pharmacodynamics/ DRUG
SYNERGISM/ EPINEPHRINE,
pharmacodynamics/ FEMALE/
*GONADOTROPINS, EQUINE,
pharmacodynamics/ NOREPINEPHRINE,
pharmacodynamics/ *OVULATION,
drug effects/ RATS/ *SEROTONIN,
pharmacodynamics
2793. McDougall IR, Kriss JP: New thoughts about the cause and treatment of the severe ocular manifestations of Graves' disease. *Scott Med J* 19:165-9, Jul 74 (36 ref.)
ANTIBODIES/ ANTIGEN-ANTIBODY
COMPLEX/ AUTOANTIBODIES/
GLUCOCORTICOIDS, therapeutic use/
*GOITER, EXOPHTHALMIC/ GOITER,
EXOPHTHALMIC, drug therapy/ GOITER,
EXOPHTHALMIC, immunology/ GOITER,
EXOPHTHALMIC, physiopathology/ GOITER,
EXOPHTHALMIC, radiotherapy/ GOITER,
EXOPHTHALMIC, surgery/ GOITER,
EXOPHTHALMIC, therapy/ HUMAN/
IMMUNOSUPPRESSIVE AGENTS, therapeutic
use/ LYMPHATIC SYSTEM, anatomy &
histology/ ORBIT, anatomy & histology/

AUTHOR SECTION

RADIOIMMUNOASSAY/ REVIEW/
THYROGLOBULIN, blood/ THYROID GLAND,
anatomy & histology/ THYROIDECTOMY/
THYROTROPIN, blood

2794. McElfresh AE: Editorial: What is hemophilia?
J Pediatr 84:623-4, Apr 74 (5 ref.)
ANTIGEN-ANTIBODY REACTIONS/ FACTOR
VIII, analysis/ *FACTOR VIII, biosynthesis/
FACTOR IX/ FACTOR X/ FEMALE/
HEMOPHILIA, diagnosis/ *HEMOPHILIA,
familial & genetic/ HEMOPHILIA,
immunology/ HUMAN/ REVIEW/ SEX
CHROMOSOME ABNORMALITIES/ VON
WILLEBRAND'S DISEASE, immunology
2795. McEwen BS: Glucocorticoid binding sites in rat brain:
subcellular and anatomical localizations.
Prog Brain Res 39:87-97, 1973
ANIMAL EXPERIMENTS/ *BRAIN, cytology/
*GLUCOCORTICOIDS/ MALE/ RATS/
RECEPTORS, HORMONE
2796. McGarrigle HH, Radwanska E, Little V, et al:
Proceedings: Plasma oestradiol and progesterone
estimations in the monitoring of the induction of
ovulation by human menopausal gonadotrophin and
human chorionic gonadotrophin.
N Engl J Med 291:1xxx11xxx11, 11 Jun 74
COMPARATIVE STUDY/ *ESTRADIOL, blood/
ESTRONE, urine/ FEMALE/
*GONADOTROPINS, CHORIONIC, therapeutic
use/ HUMAN/ *MENOTROPINS, therapeutic
use/ *OVULATION/ PREGNANEDIOL, urine/
*PROGESTERONE, blood/ STERILITY,
FEMALE, diagnosis/ *STERILITY, FEMALE,
drug therapy
2797. McGeer PL, McGeer EG: Neurotransmitter synthetic
enzymes. Prog Neurobiol 2:71-117, 1973 (421 ref.)
ACETYLTRANSFERASES/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE/ ADENYL
CYCLASE/ AGING/ AMINO ACIDS/
AMINOBUTYRIC ACID, biosynthesis/ ANIMAL
EXPERIMENTS/ AXOPLASMIC FLOW/
CARBOXY-LYASES/ CATECHOLAMINES,
biosynthesis/ CHOLINE/ CHOREA,
metabolism/ CONVULSIONS, metabolism/
DOPAMINE BETA HYDROXYLASE/ FROGS/
GLUTAMATES/ GLYCINE, biosynthesis/
GROWTH/ HUMAN/ MONKEYS/ *NERVOUS
SYSTEM, enzymology/ NEURAL
TRANSMISSION/ *NEUROHUMORS,
biosynthesis/ PARKINSONISM, metabolism/
PHENETHANOLAMINE
N-METHYLTRANSFERASE/ REVIEW/
TRYPTOPHAN HYDROXYLASE/ TYROSINE
HYDROXYLASE
2798. McGowan L, Bunnag B: Morphology of mesothelial
cells in peritoneal fluid from normal women.
Acta Cytol (Baltimore) 18:205-9, May-Jun 74
*ASCITIC FLUID, cytology/ CELL COUNT/
CELL NUCLEUS/ CYTODIAGNOSIS/
CYTOPLASM/ *EPITHELIAL CELLS/
FEMALE/ HISTIOCYTES/ HUMAN/
MICROSCOPY, ELECTRON/ OVARIAN
NEOPLASMS, diagnosis/ STAINS AND
STAINING
2799. McGrath P: Proceedings: The pharyngeal hypophysis
in the laboratory animal. J Anat 116:466, Dec 73
ANIMAL EXPERIMENTS/ CATS/
COMPARATIVE STUDY/ DOGS/ MONKEYS/
*PHARYNX, anatomy & histology/
PHARYNX, physiology/ PITUITARY GLAND,
anatomy & histology/ RABBITS/ SHEEP/
SPECIES SPECIFICITY
2800. MacGregor GA: Hyperthyroidism and giant-cell
arteritis. Br Med J 2:42, 6 Jul 74
AUTOIMMUNE DISEASES/ HUMAN/
*HYPERTHYROIDISM, etiology/
HYPERTHYROIDISM, immunology/ IMMUNE
TOLERANCE/ *TEMPORAL ARTERITIS,
complications/ TEMPORAL ARTERITIS,
immunology
2801. McGuffin WL Jr, Sherman BM, Roth F, et al:
Acromegaly and cardiovascular disorders. A
prospective study. Ann Intern Med 81:11-8, Jul 74
ACROMEGALY, blood/ *ACROMEGALY,
complications/ AGE FACTORS/
ARRHYTHMIA, blood/ ARRHYTHMIA,
etiology/ *CARDIOVASCULAR DISEASES,
etiology/ CORONARY DISEASE, blood/
CORONARY DISEASE, etiology/ FEMALE/
HEART DISEASES, blood/ HEART DISEASES,
etiology/ HEART ENLARGEMENT, blood/
HEART ENLARGEMENT, etiology/ HEART
FAILURE, CONGESTIVE, blood/ HEART
FAILURE, CONGESTIVE, etiology/ HEART
FAILURE, CONGESTIVE, mortality/ HUMAN/
HYPERTENSION, blood/ HYPERTENSION,
etiology/ HYPERTHYROIDISM, blood/
HYPERTHYROIDISM, etiology/ MALE/
PROSPECTIVE STUDIES/ SOMATOTROPIN,
blood
2802. McGuire JL, Marks SC Jr: The effects of parathyroid
hormone on bone cell structure and function.
Clin Orthop 100:392-405, May 74
ANIMAL EXPERIMENTS/ *BONE AND
BONES, cytology/ BONE AND BONES, drug
effects/ BONE AND BONES, metabolism/
BONE DEVELOPMENT, drug effects/ BONE
MATRIX, drug effects/ CALCIUM, blood/
CALCIUM CHLORIDE, pharmacodynamics/
GOLGI APPARATUS, drug effects/ HUMAN/
HYPERPARATHYROIDISM, complications/
OSTEOBLASTS, cytology/ *OSTEOBLASTS,
drug effects/ OSTEOBLASTS, physiology/
OSTEOCLASTS, cytology/ *OSTEOCLASTS,
drug effects/ OSTEOCLASTS, physiology/
PARATHYROID GLANDS, physiology/
PARATHYROID HORMONE, adverse effects/
*PARATHYROID HORMONE,
pharmacodynamics/ PROLINE, metabolism/
SCLEROSIS, chemically induced/ SODIUM
CHLORIDE, pharmacodynamics/ THYROXINE,
pharmacodynamics/ TIBIA, drug effects/
TRITIUM
2803. Macho L: The response of adipose tissue to lipid
mobilizing hormones in postnatally under- and
overnourished rats. Horm Metab Res 6:226-9, May 74
*ADIPOSE TISSUE, drug effects/ ADIPOSE
TISSUE, metabolism/ ANIMAL
EXPERIMENTS/ *ANIMAL NUTRITION/
*CORTICOTROPIN, pharmacodynamics/ FATTY
ACIDS, NONESTERIFIED, analysis/ FATTY
ACIDS, NONESTERIFIED, metabolism/ LIPIDS,
analysis/ *LIPIDS, metabolism/ MALE/
*NOREPINEPHRINE, pharmacodynamics
2804. Machovich R: Postnatal development of rat pancreatic
esterase. Enzyme 17:265-8, 1974
AGING/ ANIMAL EXPERIMENTS/
*ESTERASES, biosynthesis/
HYDROCORTISONE, metabolism/ OILS,
metabolism/ *PANCREAS, enzymology/
PANCREAS, growth & development/ RATS,
INBRED STRAINS/ SPECTROPHOTOMETRY
2805. Maciejasz A, Kuf E, Wilczak K: Pomiar odległości
szczytu rogówki od kostnego brzegu oczodołu przy
pomocy promieni Roentgena.
Klin Oczna 44:477-82, May 74 (Pol)
CORNEA, radiography/ ENGLISH ABSTRACT/
*EXOPHTHALMOS, radiography/ EYE
FOREIGN BODIES, diagnosis/ HUMAN/
METHODS/ ORBIT, radiography
2806. McIlhinney RA, Schulster D: Proceedings:
Characterization of adrenocortical cell receptors for
adrenocorticotrophin. N Engl J Med 291:58-9, 11 Jun 74
*ADRENAL GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ *CORTICOTROPIN,
metabolism/ IN VITRO/ IODINE
RADIOISOTOPES/ KINETICS/ RECEPTORS,
HORMONE
2807. McIntosh JA, Catto GR: Neutron activation analysis of
a hand-a method of monitoring progressive bone
disease. Biomed Eng 9:254-6 passim, Jun 74
*ACTIVATION ANALYSIS/ *BONE AND
BONES, analysis/ *BONE DISEASES,
metabolism/ CALCIUM, analysis/ CALCIUM
METABOLISM DISORDERS, etiology/
CALCIUM RADIOISOTOPES/ FEMALE/

AUTHOR SECTION

- *HAND/ HEMODIALYSIS/ HUMAN/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, metabolism/ MALE
2808. McIntosh JE, Lutwak-Mann C: Calcium transport in the early conceptus and associated maternal tissues in the rabbit. *Biochem J* 138:97-105, Jan 74
ACETAZOLAMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BLASTOCYST, metabolism/ BONE AND BONES, metabolism/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ COMPARATIVE STUDY/ ESTRUS/ FEMALE/ *FETUS, metabolism/ MATERNAL-FETAL EXCHANGE/ ORGAN SPECIFICITY/ *PLACENTA, metabolism/ *PREGNANCY/ RADIOISOTOPES/ SODIUM ISOTOPES/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ TIME FACTORS/ *UTERUS, metabolism
2809. McIntyre HB, Odell WD, Reichert LE: Radioimmunoassay of rabbit growth hormone. *Endocrinology* 94:1588-76, Jun 74
ANIMAL EXPERIMENTS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDROGEN PEROXIDE/ IODINE RADIOISOTOPES/ MACACA, immunology/ METHODS/ MOLECULAR WEIGHT/ PEROXIDASES/ RABBITS/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood
2810. MacIntyre I: Parathyroid hormone, calcitonin, and vitamin D. *Curr Top Exp Endocrinol* 2:179-93, 1974 (57 ref.)
BONE AND BONES, physiology/ BONE RESORPTION/ *CALCITONIN, physiology/ *CALCIUM, metabolism/ CHEMISTRY/ HOMEOSTASIS/ HUMAN/ KIDNEY, metabolism/ KIDNEY, physiology/ LIVER, metabolism/ *PARATHYROID HORMONE, physiology/ PARATHYROID HORMONE, secretion/ REVIEW/ *VITAMIN D, metabolism
2811. McKeel DW Jr, Jarett L: The enrichment of adenylate cyclase in the plasma membrane and golgi subcellular fractions of porcine adenohypophysis. *J Cell Biol* 62:231-6, Jul 74
ADENOSINE TRIPHOSPHATASE, analysis/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CHELATING AGENTS, pharmacodynamics/ COMPARATIVE STUDY/ CYTOCHROME C/ CYTOCHROME REDUCTASES, analysis/ GALACTOSE/ GOLGI APPARATUS, drug effects/ GOLGI APPARATUS, enzymology/ HEXOSYLTRANSFERASES, analysis/ HISTOCYTOCHEMISTRY/ MICROSCOPY, ELECTRON/ MICROSOMES, enzymology/ MITOCHONDRIA, enzymology/ NUCLEOTIDASES, analysis/ PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, enzymology/ SUBCELLULAR FRACTIONS, enzymology/ SWINE
2812. McKerns KW: Gonadotropin regulation of nucleotide biosynthesis in corpus luteum. *Biochemistry* 12:5206-11, 4 Dec 73
ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CARBON RADIOISOTOPES/ CARBOXY-LYASES, metabolism/ CORPUS LUTEUM, drug effects/ CORPUS LUTEUM, enzymology/ *CORPUS LUTEUM, metabolism/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLUCOSEPHOSPHATES, metabolism/ GLYCINE, metabolism/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ LH, pharmacodynamics/ LIGASES, metabolism/ *NUCLEOTIDES, biosynthesis/ OVARY, cytology/ PENTOSEPHOSPHATES/ PENTOSYLTRANSFERASES, metabolism/ PURINES, biosynthesis/ PYROPHOSPHATES/ SPECIES SPECIFICITY/ SWINE
2813. Mackey JP: A double-blind clinical study of buprenorphine and flucinolone acetonide in dermatitis. *J Ir Med Assoc* 67:214-6, 27 Apr 74
ANTI-INFLAMMATORY AGENTS, TOPICAL, adverse effects/ *ANTI-INFLAMMATORY AGENTS, TOPICAL, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *DERMATITIS, drug therapy/ DRUG EVALUATION/ FLUCINOLONE ACETONIDE, adverse effects/ *FLUCINOLONE ACETONIDE, therapeutic use/ HUMAN/ HYDROXAMIC ACID, adverse effects/ *HYDROXAMIC ACID, therapeutic use/ PHENYLACETATES, adverse effects/ PHENYLACETATES, therapeutic use
2814. Mackie RM, Burton J: Pustular psoriasis in association with renal amyloidosis. *Br J Dermatol* 90:567-71, May 74
AMPICILLIN, therapeutic use/ AMYLOID, analysis/ *AMYLOIDOSIS, complications/ AMYLOIDOSIS, drug therapy/ AXILLA/ BIOPSY/ ERYTHEMA/ FEMALE/ HEMATOCRIT/ HUMAN/ KIDNEY, analysis/ *KIDNEY DISEASES, complications/ LEUKOCYTE COUNT/ LEUKOCYTOSIS/ PREDNISOLONE, therapeutic use/ PROTEINURIA/ *PSORIASIS, complications/ PSORIASIS, drug therapy/ SERUM GLOBULINS, analysis/ STAPHYLOCOCCAL INFECTIONS, drug therapy/ ZINC, therapeutic use
2815. MacKinnon H, Menon RB: Letter: Reaction to acetaminophen. *Can Med Assoc J* 110:1237-39, 8 Jun 74
*ACETAMINOPHEN, adverse effects/ ACETAMINOPHEN, therapeutic use/ *BONE MARROW DISEASES, chemically induced/ FEMALE/ HUMAN/ POLYMYALGIA RHEUMATICA, drug therapy/ PREDNISONE, therapeutic use
2816. McLaren EH, Hendricks S, Pimstone BL: Thyrotrophin responses to intravenous thyrotrophin-releasing hormone in patients with hypothalamic and pituitary disease. *Clin Endocrinol (Oxf)* 3:113-22, Apr 74
AMENORRHEA, metabolism/ *BRAIN DISEASES, metabolism/ COMPARATIVE STUDY/ CORTICOTROPIN, blood/ CRANIOPHARYNGIOMA, metabolism/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ *HYPOTHALAMUS, metabolism/ HYPOTHYROIDISM, metabolism/ MALE/ *PITUITARY DISEASES, metabolism/ *PITUITARY NEOPLASMS, metabolism/ RADIOIMMUNOASSAY/ SOMATOTROPIN, blood/ SPECTROMETRY, FLUORESCENCE/ *THYROTROPIN, blood/ *THYROTROPIN RELEASING HORMONE, pharmacodynamics
2817. McLaren NK, Cornblath M, Raiti S: Human growth hormone. A symposium. *Am J Dis Child* 127:906-8, Jun 74
AMYGDALOID BODY, physiology/ CHEMISTRY/ DWARFISM, drug therapy/ GROWTH DISORDERS, drug therapy/ HUMAN/ HYPOGLYCEMIA, drug therapy/ HYPOTHALAMUS, physiology/ OCULOMOTOR NERVE, physiology/ PEPTIDES/ SOMATOMEDIN, metabolism/ *SOMATOTROPIN, blood/ SOMATOTROPIN, metabolism/ SOMATOTROPIN, physiology/ SOMATOTROPIN, secretion/ SOMATOTROPIN, therapeutic use/ SOMATOTROPIN RELEASING HORMONE, antagonists & inhibitors
2818. McLaren NK, Cornblath M, Raiti S: Human growth hormone. A symposium. *Am J Dis Child* 127:906-8, Jun 74
ANIMAL EXPERIMENTS/ BABOONS/ CATTLE/ CHEMISTRY/ FEMALE/ FETUS, physiology/ HUMAN/ HYPOTHALAMUS, secretion/ INFANT, NEWBORN/ MALE/ MONKEYS/ PEPTIDES, pharmacodynamics/ PROLACTIN, blood/ RABBITS/ RATS/ SOMATOMEDIN, blood/ *SOMATOTROPIN/ SOMATOTROPIN, analysis/ SOMATOTROPIN, blood/ SOMATOTROPIN, physiology/ SOMATOTROPIN, secretion/ SOMATOTROPIN, therapeutic use/ SOMATOTROPIN

AUTHOR SECTION

- RELEASING HORMONE, antagonists & inhibitors/ THYROTROPIN, antagonists & inhibitors
2819. McLean AS: Early adverse effects of radiation. Br Med Bull 29:69-73, Jan 73 (33 ref.)
APPETITE, radiation effects/ BLOOD CELLS, radiation effects/ BRAIN, radiation effects/ CELLS, radiation effects/ CHROMOSOMES, radiation effects/ DIARRHEA/ GONADS, radiation effects/ HUMAN/ MITOSIS, radiation effects/ RADIATION DOSAGE/ *RADIATION INJURIES/ RADIATION INJURIES, mortality/ RADIATION INJURIES, pathology/ RADIOTHERAPY, adverse effects/ RADIOTHERAPY DOSAGE/ REVIEW/ SKIN, radiation effects/ SPERMATOGENESIS, radiation effects/ VOMITING
2820. Maclean D, Murison J, Griffiths PD: Serum enzyme activities in accidental hypothermia and hypothermic myxoedema. Clin Chim Acta 52:197-201, Apr 74
ADULT/ AGED/ *ALCOHOL OXIDOREDUCTASES, blood/ *ASPARTATE AMINOTRANSFERASE, blood/ BICARBONATES, blood/ BODY TEMPERATURE/ CARBON DIOXIDE, blood/ COMPARATIVE STUDY/ *CREATINE KINASE, blood/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROXYBUTYRATES/ HYPOTHERMIA, blood/ *HYPOTHERMIA, enzymology/ HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, enzymology/ MIDDLE AGE/ MYXEDEMA, blood/ *MYXEDEMA, enzymology/ OXYGEN, blood/ PROTEIN-BOUND IODINE TEST
2821. MacLennan DH, Ostwald TJ, Stewart PS: Structural components of the sarcoplasmic reticulum membrane. Ann NY Acad Sci 227:527-36, 18 Feb 74
ADENOSINE TRIPHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ DIALYSIS/ ELECTROPHORESIS, DISC/ KINETICS/ MEMBRANES, analysis/ MEMBRANES, drug effects/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ MUSCLE PROTEINS, analysis/ MUSCLE PROTEINS, metabolism/ MUSCLES, cytology/ PHOSPHOLIPIDS/ POTASSIUM, pharmacodynamics/ RABBITS/ *SARCOPLASMIC RETICULUM, analysis/ SARCOPLASMIC RETICULUM, drug effects/ SARCOPLASMIC RETICULUM, enzymology/ SARCOPLASMIC RETICULUM, metabolism/ TIME FACTORS/ TRYPSIN
2822. McLennan TW, Steinbach HL: Schwachman's syndrome: the broad spectrum of bony abnormalities. Radiology 112:167-73, Jul 74
ABNORMALITIES, radiography/ AGRANULOCYTOSIS, radiography/ BODY HEIGHT/ BODY WEIGHT/ *BONE AND BONES, abnormalities/ BONE AND BONES, radiography/ BONE MARROW, physiotherapy/ BONE MARROW DISEASES, complications/ *BONE MARROW DISEASES, radiography/ CALCIFICATION, PHYSIOLOGIC/ CHILD/ DWARFISM, etiology/ DWARFISM, radiography/ EXOSTOSES, MULTIPLE, etiology/ EXOSTOSES, MULTIPLE, radiography/ FEMALE/ FINGERS, abnormalities/ GROWTH DISORDERS, etiology/ GROWTH DISORDERS, radiography/ HUMAN/ MALE/ METACARPUS, radiography/ PANCREATIC DISEASES, complications/ *PANCREATIC DISEASES, radiography/ RADIUS, radiography/ RIBS, abnormalities/ RIBS, radiography/ SYNDROME/ ULNA, radiography
2823. McMahon D: A cell-contact model for cellular position determination in development. Proc Natl Acad Sci USA 70:2396-400, Aug 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ AMOEBA/ ANIMAL EXPERIMENTS/ CELL AGGREGATION/ *CELL DIFFERENTIATION/ CELL MOVEMENT/ *MODELS, BIOLOGICAL
2824. MacManus JP, Whitfield JF: Cyclic AMP, prostaglandins, and the control of cell proliferation. Prostaglandins 6:475-87, 25 Jun 74 (17 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, administration & dosage/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENYL CYCLASE, metabolism/ AMINO ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ *CELL DIVISION, drug effects/ DEPRESSION, CHEMICAL/ DNA, biosynthesis/ GLUCAGON, pharmacodynamics/ HEPARIN, pharmacodynamics/ LIVER, drug effects/ LIVER, metabolism/ LIVER REGENERATION/ MITOSIS, drug effects/ PHENOXYBENZAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ REVIEW/ STIMULATION, CHEMICAL/ TRIIODOTHYRONINE, pharmacodynamics
2825. McMurtry JP, Malven PV: Radioimmunoassay of endogenous and exogenous prolactin in milk of rats. N Engl J Med 291:211-7, 11 Jun 74
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ FEMALE/ FERTILITY/ INJECTIONS, INTRAPERITONEAL/ IODINE RADIOISOTOPES/ LACTATION/ MAMMAE/ *MILK, analysis/ PROLACTIN, administration & dosage/ *PROLACTIN, analysis/ PROLACTIN, metabolism/ RADIOIMMUNOASSAY
2826. McNeilly AS, Chard T: Circulating levels of prolactin during the menstrual cycle. Clin Endocrinol (Oxf) 3:105-12, Apr 74
COMPARATIVE STUDY/ ESTRADIOL, blood/ FEMALE/ FSH, blood/ GUINEA PIGS, immunology/ HUMAN/ IODINE RADIOISOTOPES/ LH, blood/ *MENSTRUATION/ OVULATION/ PROGESTERONE, blood/ *PROLACTIN, blood/ RABBITS, immunology/ RADIOIMMUNOASSAY/ TIME FACTORS
2827. McNeilly AS, Sturdy J, Evans DG, et al: Short-term variation in blood levels of prolactin, luteinizing hormone and follicle-stimulating hormone in normal men throughout the day. N Engl J Med 291:301-2, 11 Jun 74
*FSH, blood/ HUMAN/ *LH, blood/ MALE/ PERIODICITY/ *PROLACTIN, blood/ RADIOIMMUNOASSAY
2828. McNeish AS, Anderson CM: Coeliac disease. The disorder in childhood. Clin Gastroenterol 3:127-44, Jan 74 (82 ref.)
AUSTRALIA/ *CELIAC DISEASE/ CELIAC DISEASE, complications/ CELIAC DISEASE, diagnosis/ CELIAC DISEASE, immunology/ CELIAC DISEASE, occurrence/ CELIAC DISEASE, pathology/ CELIAC DISEASE, radiography/ CELIAC DISEASE, therapy/ DIET THERAPY/ EUROPE/ FATS, analysis/ FECES, analysis/ GLUCOSE TOLERANCE TEST/ GLUTEN, adverse effects/ HUMAN/ INTESTINAL ABSORPTION/ IRON, blood/ NORTH AMERICA/ REVIEW/ RICKETS, etiology/ VOMITING, etiology/ XLYOSE, urine
2829. Macourt DC: A new synthetic agent for the induction of ovulation. Med J Aust 1:631-2, 20 Apr 74
AMENORRHEA, drug therapy/ *ESTROGENS, antagonists & inhibitors/ FEMALE/ *FERTILITY AGENTS/ HUMAN/ *OVULATION, drug effects/ PHENYL ETHERS, adverse effects/ *PHENYL ETHERS, pharmacodynamics/ PHENYL ETHERS, therapeutic use/ *STERILITY, FEMALE, drug therapy
2830. Macpherson EE, Montagna W: Proceedings: The mammary glands of rhesus monkeys. J Invest Dermatol 63:17-8, Jul 74
ANIMAL EXPERIMENTS/ BREAST, anatomy & histology/ BREAST, innervation/ CHOLINESTERASE/ COMPARATIVE STUDY/

AUTHOR SECTION

- FEMALE/ HUMAN/ LACTATION/ *MAMMAE, anatomy & histology/ MAMMAE, innervation/ *MONKEYS, anatomy & histology/ MUSCLE, SMOOTH, anatomy & histology/ MUSCLE, SMOOTH, innervation/ NERVE ENDINGS, enzymology/ PECTORALIS MUSCLES, anatomy & histology/ SKIN, anatomy & histology
2831. McSwain B, Linn RJ, Haley RL Jr, et al: Endometriosis of the colon: report of 14 patients requiring partial colectomy. *South Med J* 67:651-8, Jun 74
ADULT/ *COLECTOMY/ COLON, pathology/ COLONIC NEOPLASMS, complications/ COLONIC NEOPLASMS, diagnosis/ COLONIC NEOPLASMS, pathology/ COLONIC NEOPLASMS, radiography/ *COLONIC NEOPLASMS, surgery/ ENDOMETRIOSIS, diagnosis/ ENDOMETRIOSIS, pathology/ ENDOMETRIOSIS, radiography/ *ENDOMETRIOSIS, surgery/ FALLOPIAN TUBE NEOPLASMS, complications/ FEMALE/ HUMAN/ MIDDLE AGE/ OVARIAN NEOPLASMS, complications/ UTERINE NEOPLASMS, complications
2832. Madan K, Walker S: Letter: Possible evidence for Xp plus in and XX Male. *Lancet* 1:1223, 15 Jun 74
*CHROMOSOME ABERRATIONS/ CHROMOSOME MAPPING/ HUMAN/ KARYOTYPING/ MALE/ MICROSCOPY, FLUORESCENCE/ SEX CHROMOSOME ABNORMALITIES, blood/ *SEX CHROMOSOME ABNORMALITIES, familial & genetic/ SEX CHROMOSOME ABNORMALITIES, pathology/ SEX CHROMOSOMES/ SKIN, cytology
2833. Maddocks I: Patterns of disease in Papua New Guinea. *Med J Aust* 1:442-6, 23 Mar 74
ADOLESCENCE/ ADULT/ AGED/ ATTITUDE TO HEALTH/ CHILD/ CHILD, PRESCHOOL/ COMMUNITY HEALTH SERVICES/ CRETINISM, occurrence/ CULTURE/ DISEASE OUTBREAKS, occurrence/ EMIGRATION AND IMMIGRATION/ FEMALE/ HEALTH SURVEYS/ HOSPITALIZATION/ HUMAN/ INFANT/ INTERPERSONAL RELATIONS/ KURU, etiology/ MIDDLE AGE/ *MORBIDITY/ NEW GUINEA/ PHYSICIAN-PATIENT RELATIONS/ RESPIRATORY TRACT DISEASES, occurrence/ RURAL HEALTH, manpower/ RURAL POPULATION
2834. Madeira VM, Antunes-Madeira MC: Interaction of ruthenium red with isolated sarcolemma. *J Membr Biol* 17:41-50, 1974
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BINDING SITES/ CALCIUM, metabolism/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ COMPARATIVE STUDY/ KINETICS/ MUSCLES, cytology/ MUSCLES, metabolism/ PHOSPHOLIPIDS, metabolism/ *RECEPTORS, DRUG, drug effects/ *RUTHENIUM, pharmacodynamics/ SARCOLEMA, drug effects/ *SARCOLEMA, metabolism/ SPIROCHAETALES
2835. Maebashi M, Kawamura N, Yoshinaga K: Urinary excretion of carnitine in progressive muscular dystrophy. *Nature* 249:173-4, 10 May 74
ADOLESCENCE/ ADULT/ AGE FACTORS/ *CARNITINE, urine/ CHILD/ COMPARATIVE STUDY/ CORTICOTROPIN, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MUSCULAR DYSTROPHY, urine/ SEX FACTORS
2836. Maeder HU, Bartels O, Kellner R, et al: Ungewöhnlicher Verlauf einer Addison-Krise. Neuropsychiatrische Leitsymptomatik, wiederholte Aesystolie und erfolgreiche Intensivbehandlung. *Dtsch Med Wochenschr* 99:942 passim, May 74 (Ger)
*ADDISON'S DISEASE, complications/ ADDISON'S DISEASE, drug therapy/ CELLS, metabolism/ CHLORIDES, blood/ CHLORIDES, therapeutic use/ DEHYDRATION/ ELECTROCARDIOGRAPHY/ ENGLISH
- ABSTRACT/ EXERTION/ FEMALE/ GLUCOCORTICOIDS, administration & dosage/ GLUCOCORTICOIDS, therapeutic use/ HEART ARREST, drug therapy/ *HEART ARREST, etiology/ HUMAN/ HYPERKALEMIA, etiology/ HYPOGLYCEMIA, etiology/ HYPONATREMIA, etiology/ INFUSIONS, PARENTERAL/ RESUSCITATION/ SODIUM, therapeutic use/ STRESS, PSYCHOLOGICAL
2837. Magide AA, Myant NB: Effect of nicotinic acid on cholesterol metabolism in monkeys. *Clin Sci Mol Med* 46:527-38, Apr 74
ACETATES, metabolism/ ADMINISTRATION, ORAL/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ CARBON RADIOISOTOPES/ CHOLESTEROL, biosynthesis/ *CHOLESTEROL, blood/ FATTY ACIDS, metabolism/ FECES, analysis/ INJECTIONS, SUBCUTANEOUS/ LIPIDS, blood/ LIVER, metabolism/ MACACA/ MALE/ MONKEYS/ *NICOTINIC ACID, pharmacodynamics/ STEROIDS, analysis/ TRIGLYCERIDES, blood
2838. Magrath IT, Lwanga S, Carswell W, et al: Surgical reduction of tumour bulk in management of abdominal Burkitt's lymphoma. *Br Med J* 2:308-12, 11 May 74
ABDOMINAL NEOPLASMS, drug therapy/ *ABDOMINAL NEOPLASMS, surgery/ BURKITT'S LYMPHOMA, drug therapy/ *BURKITT'S LYMPHOMA, surgery/ CASTRATION/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ METHODS/ OVARIAN NEOPLASMS, surgery/ UGANDA
2839. Mahaffey KR: Nutritional factors and susceptibility to lead toxicity. *Environ Health Perspect* 7:107-12, May 74
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ *CALCIUM, DIETARY, metabolism/ *DIET/ GASTROINTESTINAL SYSTEM, metabolism/ HUMAN/ IRON, metabolism/ KIDNEY, metabolism/ *LEAD, metabolism/ LEAD POISONING, etiology/ PARATHYROID GLANDS, metabolism/ RATS/ VITAMIN D, metabolism
2840. Mahajan KK, Robinson CJ, Horrobin DF: Letter: Prolactin and hypercalcaemia. *Lancet* 1:1237-8, 15 Jun 74
ANIMAL EXPERIMENTS/ BREAST NEOPLASMS, metabolism/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ FEMALE/ HUMAN/ *HYPERCALCEMIA, etiology/ INFUSIONS, PARENTERAL/ MALE/ PROLACTIN, administration & dosage/ *PROLACTIN, blood/ PROLACTIN, pharmacodynamics/ RATS, INBRED STRAINS/ TIME FACTORS/ VEINS
2841. Mahdi SQ, Nussey SS, el-Kobir DJ, et al: Proceedings: Molecular dissection of long-acting thyroid stimulating immunoglobulin G. *N Engl J Med* 291:58, 11 Jun 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CELL MEMBRANE PERMEABILITY, drug effects/ ESCHERICHIA COLI/ *IGG/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULIN FRAGMENTS, pharmacodynamics/ *LONG-ACTING THYROID STIMULATOR
2842. Mahgoub A, Stern FH: Carbon dioxide and the effect of parathyroid hormone on bone in vitro. *Am J Physiol* 226:1272-5, Jun 74
ACETAZOLAMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BICARBONATES, metabolism/ *BONE AND BONES, drug effects/ BONE AND BONES, embryology/ BONE AND BONES, metabolism/ *BONE RESORPTION, drug effects/ BUFFERS/ CALCIUM RADIOISOTOPES/ *CARBON DIOXIDE, metabolism/ HYDROGEN-ION CONCENTRATION/ ORGAN CULTURE/ PARATHYROID HORMONE, antagonists &

AUTHOR SECTION

inhibitors/ *PARATHYROID HORMONE, pharmacodynamics

2843. Maier GD, Kusiak JW, Higgins GL, et al: Pressor activity in bovine kidney homogenate: enhancement by cadmium and zinc ions.

Arch Environ Health 29:110-4, Aug 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *BLOOD PRESSURE, drug effects/ *CADMIUM, pharmacodynamics/ DIALYSIS/ IN VITRO/ KIDNEY CORTEX, drug effects/ *KIDNEY CORTEX, physiology/ MALE/ RENIN, analysis/ *RENIN, antagonists & inhibitors/ STIMULATION, CHEMICAL/ *ZINC, pharmacodynamics

2844. Mainwaring WI, Feherty FM: Proceedings: An explanation of the antiandrogenic properties of a non-steroidal compound, SCH 13521.

N Engl J Med 291:53, 11 Jun 74
*ANILIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BINDING SITES, drug effects/ CELL-FREE SYSTEM/ HYDROCARBONS, FLUORINATED, pharmacodynamics/ IN VITRO/ MALE/ NITRO COMPOUNDS, pharmacodynamics/ *PROSTATE, drug effects/ RECEPTORS, HORMONE, drug effects/ *STANOLONE, antagonists & inhibitors

2845. Majle T, Rózycki Z: Obciążenie gonad ludzkich dawek promieniowania X oraz warunki wpływające na wielkość dawki podczas rutynowej diagnostyki rentgenowskiej.

Pol Przegl Radiol 38:211-22, 1974 (Pol)
ENGLISH ABSTRACT/ FEMALE/ *GONADS, radiation effects/ HUMAN/ MALE/ RADIATION DOSAGE/ *RADIATION EFFECTS/ *RADIOGRAPHY, adverse effects

2846. Majumder GC: Resolution of two protein kinase modulators from lactating rat mammary gland.

Biochem Biophys Res Commun 58:756-62, 4 Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DRUG STABILITY/ FEMALE/ GEL FILTRATION/ HEAT/ HISTONES/ *LACTATION/ MAMMAE, drug effects/ MAMMAE, enzymology/ *MAMMAE, metabolism/ PHOSPHORUS RADIOISOTOPES/ *PROTEIN KINASE, metabolism/ PROTEINS, isolation & purification/ *PROTEINS, pharmacodynamics/ SPECTROPHOTOMETRY, ULTRAVIOLET/ THYMUS GLAND/ ULTRAFILTRATION

2847. Majumder PK, Chatterjee GC: Effect of hydrocortisone on the enzymes involved in the metabolism of L-ascorbic acid in alloxan diabetic rats.

Indian J Exp Biol 11:575-6, Nov 73
ADRENALECTOMY/ ALCOHOL OXIDOREDUCTASES, metabolism/ *ALLOXAN DIABETES, enzymology/ ANIMAL EXPERIMENTS/ *ASCORBIC ACID, metabolism/ *HYDROCORTISONE, pharmacodynamics/ KIDNEY, enzymology/ LIVER, enzymology/ MALE/ OXIDOREDUCTASES, metabolism

2848. Makarenko IuA, Frolov EF: Uroven's mediatornykh komponentov krovi u krolika v usloviakh émotional'nykh sostolanii raznogo biologicheskogo kachestva.

Fiziol Zh SSSR 59:1397-402, Sep 73 (Rus)
ACETYLCHOLINE, blood/ ANIMAL EXPERIMENTS/ *BLOOD CHEMICAL ANALYSIS/ CHOLINESTERASE, blood/ ELECTRIC STIMULATION/ ELECTRODES/ *EMOTIONS/ ENGLISH ABSTRACT/ EPINEPHRINE, blood/ ESCAPE REACTION/ HIPPOCAMPUS, physiology/ LEUKOCYTE COUNT/ NOREPINEPHRINE, blood/ RABBITS/ SELF STIMULATION/ SEROTONIN, blood/ TIME FACTORS

2849. Makarov VA, Mel'nichuk PV: Vlianie sudorozhnoy aktivnosti, vyzvannoy razdrasheniem mindalevidnogo kompleksa, na integrativnuyu delatel'nost' mozga.

Dokl Akad Nauk SSSR 213:749-52, 21 Nov 73 (Rus)

AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *CEREBRAL CORTEX, physiopathology/ CONVULSIONS, etiology/ *CONVULSIONS, physiopathology/ NEURONS, physiology/ PAIN/ PHOTIC STIMULATION

2850. Makhlouf GM: The neuroendocrine design of the gut. The play of chemicals in a chemical playground. Gastroenterology 67:159-84, Jul 74 (257 ref.)

ANIMAL EXPERIMENTS/ BILE, secretion/ CHEMISTRY/ CHOLECYSTOKININ, physiology/ *DIGESTION/ *ENDOCRINE GLANDS, physiology/ EVOLUTION/ GASTRIN, analysis/ GASTRIN, blood/ GASTRIN, physiology/ GASTRIN, secretion/ *GASTROINTESTINAL HORMONES, physiology/ GASTROINTESTINAL MOTILITY/ HALF-LIFE/ HORMONES, physiology/ HORMONES, secretion/ HUMAN/ INTESTINAL MUCOSA, secretion/ *INTESTINAL SECRETIONS/ INTESTINES, innervation/ *INTESTINES, physiology/ MOLECULAR CONFORMATION/ MUSCLE, SMOOTH, physiology/ PANCREAS, secretion/ PANCREOZYMIN, physiology/ PEPTIDES, physiology/ REVIEW/ SECRETIN, physiology/ STOMACH, physiology

2851. Makker SF, Heymann W: The idiopathic nephrotic syndrome of childhood. A clinical reevaluation of 148 cases. Am J Dis Child 127:830-7, Jun 74

ANTISTREPTOLYSIN, analysis/ AZATHIOPRINE, therapeutic use/ BACTERIURIA, etiology/ BLOOD UREA NITROGEN/ CHLORAMBUCIL, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ *GLUCOCORTICIDS, therapeutic use/ HEMATURIA, etiology/ HUMAN/ HYPERTENSION, etiology/ IGG, urine/ MALE/ NEPHROTIC SYNDROME, complications/ *NEPHROTIC SYNDROME, drug therapy/ NEPHROTIC SYNDROME, immunology/ NEPHROTIC SYNDROME, urine/ PARAMETHASONE, therapeutic use/ PREDNISOLONE, therapeutic use/ PREDNISONE, therapeutic use/ PROTEINURIA, drug therapy/ PROTEINURIA, etiology/ RECURRENCE/ TRANSFERRIN, urine/ TRIAMCINOLONE, therapeutic use

2852. Makker SF, Heymann W: The idiopathic nephrotic syndrome of childhood. A clinical reevaluation of 148 cases. Am J Dis Child 127:830-7, Jun 74

ALPHA GLOBULIN, analysis/ ANTISTREPTOLYSIN, analysis/ AZATHIOPRINE, therapeutic use/ BLOOD UREA NITROGEN/ CHILD, PRESCHOOL/ CHLORAMBUCIL, adverse effects/ CHLORAMBUCIL, therapeutic use/ COMPLEMENT, analysis/ CYCLOPHOSPHAMIDE, adverse effects/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ HEMATURIA, etiology/ HUMAN/ HYPERTENSION, etiology/ INFANT/ MALE/ NEPHROTIC SYNDROME, complications/ *NEPHROTIC SYNDROME, drug therapy/ NEPHROTIC SYNDROME, immunology/ PREDNISOLONE, therapeutic use/ PREDNISONE, therapeutic use/ PROTEINURIA, etiology/ REMISSION/ URINARY TRACT INFECTIONS, etiology

2853. Malala IT, Lazareva SA: Nefro-gumoral'nye aspekty infarkta miokarda i ego oslozhnenii. Kardiologiya 14:39-47, Apr 74 (Rus)

ADRENAL GLANDS, physiopathology/ ALDOSTERONE, urine/ ENGLISH ABSTRACT/ EPINEPHRINE, urine/ FEMALE/ HEART FAILURE, CONGESTIVE, etiology/ HEMODYNAMICS/ HUMAN/ HYDROCORTISONE, urine/ HYPERTENSION, complications/ KALLIKREIN, blood/ 17-KETOSTEROIDS, urine/ KININS, blood/ MALE/ MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, etiology/ *MYOCARDIAL INFARCT, physiopathology/ *NEUROHUMORS, physiology/ NOREPINEPHRINE, urine/ RENIN, blood/ SHOCK, CARDIOGENIC, etiology/

AUTHOR SECTION

- SYMPATHETIC NERVOUS SYSTEM,
physiopathology
2854. **Malan FG, Jayaram L, Marshall NJ, et al:** Proceedings:
An electrolytic procedure for lodination of
glycoprotein and protein hormones.
N Engl J Med 291:xlii, 11 Jun 74
*ELECTROLYSIS/ *HORMONES/ HUMAN/
*IODINE/ IODINE RADIOISOTOPES/ LH/
THYROTROPIN
2855. **Malarkey WB, Kataria YP:** Letter: Sarcoidosis and
hyperprolactinemia. Ann Intern Med 81:116, Jul 74
FEMALE/ HUMAN/ HYPOTHALAMUS,
physiopathology/ MALE/ PREDNISON, E,
therapeutic use/ *PROLACTIN, blood/
RADIOIMMUNOASSAY/ *SARCOIDOSIS, blood/
SARCOIDOSIS, drug therapy
2856. **Maldonado JE, Pintado T, Pierre RV:** Dysplastic
platelets and circulating megakaryocytes in chronic
myeloproliferative diseases. I. The platelets:
ultrastructure and peroxidase reaction.
Blood 43:797-809, Jun 74
ADULT/ AGED/ BLOOD COAGULATION
TESTS/ *BLOOD PLATELETS/ BONE
MARROW EXAMINATION/ BUSULFAN,
therapeutic use/ CHROMOSOME
ABERRATIONS/ FEMALE/ HUMAN/
KARYOTYPING/ LEUKEMIA, MYELOCYTIC,
blood/ MALE/ *MEGAKARYOCYTES/
MICROSCOPY, ELECTRON/ MIDDLE AGE/
MYELOFIBROSIS, blood/ MYELOID
METAPLASIA, blood/ MYELOID
METAPLASIA, drug therapy/ MYELOID
METAPLASIA, radiotherapy/
*MYELOPROLIFERATIVE DISORDERS, blood/
MYELOPROLIFERATIVE DISORDERS,
diagnosis/ PEROXIDASES, diagnostic use/
PLATELET ADHESIVENESS/ SEX
CHROMOSOMES/ SPLENECTOMY
2857. **Malendowicz LE, Trzeciak WH:** Rola ACTH w regulacji
metabolizmu cholesterolu w korze nadnerczy.
Endokrynol Pol 25:61-81, Mar-Apr 74 (Pol)
*ADRENAL GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ CATTLE/ CHEMISTRY/
CHOLESTEROL, biosynthesis/ *CHOLESTEROL,
metabolism/ *CORTICOTROPIN, physiology/
GUINEA PIGS/ HUMAN/ PREGNENOLONE,
metabolism/ RABBITS/ RATS
2858. **Málková J:** Užití dermatoglyfů v diagnostice
klinické felterovy syndromu.
Sb Lek 74:276-81, Sep 72 (Cze)
*DERMATOGLYPHICS/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ KARYOTYPING/
*KLINEFELTER'S SYNDROME, diagnosis/
KLINEFELTER'S SYNDROME, familial &
genetic
2859. **Malkus H, Donabedian RK:** Triiodothyronine
radioimmunoassay: a study of the interactions of T3
with anti-T3 antisera and with thyroxine binding
globulin in the presence of ANS (ammonium-8-anilino
naphthalene-1-sulfonate).
Clin Chim Acta 51:191-8, 15 Mar 74
ANILINO NAPHTHALENESULFONATES/
CATTLE/ COMPARATIVE STUDY/
EVALUATION STUDIES/ FEMALE/ GOATS,
immunology/ HUMAN/ HYPERTHYROIDISM,
diagnosis/ HYPOTHYROIDISM, diagnosis/
IODINE RADIOISOTOPES/ KINETICS/
METHODS/ PREGNANCY/ PROTEIN
BINDING/ RABBITS, immunology/
RADIOIMMUNOASSAY/ SERUM ALBUMIN,
BOVINE/ *THYROXINE-BINDING PROTEIN,
analysis/ *TRIIODOTHYRONINE, analysis
2860. **Mall JC, Genant HK, Silcox DC, et al:** The efficacy of
fine-detail radiography in the evaluation of patients
with rheumatoid arthritis. Radiology 112:37-42, Jul 74
ADULT/ AGED/ *ARTHRITIS, RHEUMATOID,
radiography/ HAND, radiography/ HUMAN/
MIDDLE AGE/ OSTEOARTHRITIS,
radiography/ OSTEOPOROSIS, radiography/
TECHNOLOGY, RADIOLOGIC
2861. **Mallet L, Tissier M:** Action de doses faibles de
benzo-3,4-pyrène administré par voie orale à des rats
blancs femelles et mâles. Effets sur leur descendance.
J Radiol Electrol Med Nucl 54:61-4, Nov 73 (Fre)
*ABNORMALITIES, DRUG-INDUCED/
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ BENZOPYRENES,
administration & dosage/ *BENZOPYRENES,
pharmacodynamics/ BODY WEIGHT, drug
effects/ *DWARFISM, chemically induced/
FEMALE/ GENETICS, POPULATION/
MUTATION, drug effects/ PREGNANCY/
RATS/ SEX FACTORS/ STATISTICS
2862. **Mallet R, Gerbeaux J:** La pédiatrie en 1973.
Rev Prat 23:4103-30, 21 Oct 73 (Fre)
ADOLESCENCE/ AGE FACTORS/
AMENORRHEA, etiology/ ANENCEPHALUS/
ARTHRITIS, etiology/ CHILD/ CHILD,
PRESCHOOL/ CONVULSIONS, etiology/
DEATH, SUDDEN/ FEMALE/ FEVER,
complications/ HEMATURIA, etiology/
HEMIPLEGIA, congenital/ HUMAN/
HYPOTHYROIDISM, pathology/ INFANT/
INFANT, NEWBORN/ INFANT, NEWBORN,
DISEASES/ MALE/ MEASLES, complications/
MEASLES VACCINE, adverse effects/
PEDIATRICS/ PREGNANCY/ RUBELLA,
immunology/ RUBELLA VACCINE/ SMOKING/
SPECIAL LIST FOREIGN
2863. **Malluche HH, Ritz E, Koch KM, et al:** Verhalten der
Skeletthistologie bei urämischer Osteodystrophie
nach Erhöhung der Dialysatcalciumkonzentration auf
3,75 mval-l (Vorläufige Mitteilung).
Verh Dtsch Ges Inn Med 79:729-31, 1973 (Ger)
ADULT/ BONE AND BONES, pathology/
*CALCIUM, pharmacodynamics/
HEMODIALYSIS/ HUMAN/ MALE/ *RENAL
OSTEODYSTROPHY, metabolism/ RENAL
OSTEODYSTROPHY, pathology
2864. **Maloney PL, Shepherd NS, Doku HC:** Asutural
maxillary vestibuloplasty. Oral Surg 37:858-62, Jun 74
ADRENAL CORTX HORMONES,
administration & dosage/ HUMAN/
INJECTIONS/ *MAXILLA, surgery/ *MOUTH
MUCOSA, transplantation/ POSTOPERATIVE
CARE/ TRANSPLANTATION, AUTOLOGOUS/
*VESTIBULOPLASTY
2865. **Malven FV, McMurtry JF:** Measurement of prolactin in
milk by radioimmunoassay. J Dairy Sci 57:411-5, Apr 74
ANIMAL EXPERIMENTS/ COMPARATIVE
STUDY/ CROSS REACTIONS/ EVALUATION
STUDIES/ FEMALE/ FREEZING/ GOATS/
IODINE RADIOISOTOPES/ METHODS/ *MILK,
analysis/ *PROLACTIN, analysis/ RABBITS,
immunology/ RADIOIMMUNOASSAY/ SHEEP/
SPECIES SPECIFICITY/ SPECIMEN
HANDLING/ TIME FACTORS
2866. **Manasia M, Vlaicu R, Macovei E, et al:**
Hiperaldosteronismul primar. (Analiza a cinci
observații).
Med Interna (Bucur) 26:435-44, Apr 74 (Rum)
ADENOMA, complications/ ADRENAL GLAND
NEOPLASMS, complications/
ADRENALECTOMY/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ HYPERALDOSTERONISM,
diagnosis/ *HYPERALDOSTERONISM, etiology/
HYPERALDOSTERONISM, surgery/
HYPERTENSION, etiology/ MALE/ METHODS
2867. **Manasia M, Zăgreanu I, Zdrenghea D, et al:** Observații
asupra diagnosticului și tratamentului
feocromocitomului.
Oeff Gesundheitswes 36:1215-24, Apr 74 (Rum)
ADRENALECTOMY/ CATECHOLAMINES,
blood/ ENGLISH ABSTRACT/ FEMALE/
HUMAN/ HYPERTENSION, etiology/ MALE/
PHEOCHROMOCYTOMA, complications/
*PHEOCHROMOCYTOMA, diagnosis/
PHEOCHROMOCYTOMA, radiography/
PHEOCHROMOCYTOMA, surgery/
RETROPNEUMOPERITONEUM/
VANILMANDELIC ACID, blood
2868. **Mancinella A, Guglielmi G:** Le prostaglandine: azioni
biologiche e prospettive terapeutiche.
Clin Ter 68:569-78, 31 Mar 74 (60 ref.) (Ita)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,

AUTHOR SECTION

- metabolism/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CELL MEMBRANE PERMEABILITY/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ GASTRIC MUCOSA, drug effects/ HUMAN/ LABOR, drug effects/ MALE/ PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, isolation & purification/ *PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, therapeutic use/ REVIEW/ RNA, MESSENGER, metabolism/ SEMEN, metabolism/ SEMINAL VESICLES, metabolism
2869. Mandelbrod I, Feldman S: Effects of sensory and hippocampal stimulation on unit activity in the median eminence of the rat hypothalamus. *Physiol Behav* 9:565-72, Oct 72
ACOUSTIC STIMULATION/ ANIMAL EXPERIMENTS/ CONDITIONING (PSYCHOLOGY)/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ EVOKED POTENTIALS/ *HEARING/ *HIPPOCAMPUS, physiology/ *HYPOTHALAMUS, physiology/ MALE/ NEURAL CONDUCTION/ NEURAL INHIBITION/ NEURAL INTERCONNECTIONS/ *NEURONS, physiology/ PHOTIC STIMULATION/ SCIATIC NERVE, physiology/ SPECIES SPECIFICITY/ STEREOTAXIC TECHNIQUES/ *VISION
2870. Mandell F, Berenberg W: The Mauriac syndrome. *Am J Dis Child* 127:900-2, Jun 74
DELAYED-ACTION PREPARATIONS/ *DIABETES MELLITUS, JUVENILE, drug therapy/ DIABETES MELLITUS, JUVENILE, therapy/ DIABETES MELLITUS, JUVENILE, urine/ DIABETIC DIET/ *DWARFISM, drug therapy/ DWARFISM, therapy/ DWARFISM, urine/ FACE/ FEMALE/ FOLLOW-UP STUDIES/ GLYCOSURIA/ HEPATOMEGALY, drug therapy/ HEPATOMEGALY, therapy/ HEPATOMEGALY, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ INSULIN, therapeutic use/ 17-KETOSTEROIDS, urine/ *OBESITY IN DIABETES, drug therapy/ OBESITY IN DIABETES, therapy/ OBESITY IN DIABETES, urine/ SYNDROME
2871. Mandell F, Berenberg W: The Mauriac syndrome. *Am J Dis Child* 127:900-2, Jun 74
ACETONE, urine/ ADOLESCENCE/ BLOOD SUGAR, analysis/ CREATININE, urine/ *DIABETES MELLITUS, JUVENILE, complications/ DIABETES MELLITUS, JUVENILE, drug therapy/ *DWARFISM, complications/ FEMALE/ FOLLOW-UP STUDIES/ GLYCOSURIA/ HEPATOMEGALY, complications/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ INSULIN, LENTE, therapeutic use/ 17-KETOSTEROIDS, urine/ *OBESITY IN DIABETES, complications/ OSTEOPOROSIS, complications/ OSTEOPOROSIS, radiography/ SYNDROME
2872. Mandereau J, Boivin P: Etude de quelques propriétés de la phosphofructokinase érythrocytaire de l'homme normal. *Biochimie* 55:1341-51, 1973 (Fre)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ALLOSTERIC REGULATION/ AMMONIUM SULFATE/ BINDING SITES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CITRATES, pharmacodynamics/ DIPHOSPHOGLYCERIC ACIDS, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *ERYTHROCYTES, enzymology/ FRUCTOSEPHOSPHATES, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIGANDS/ MAGNESIUM, pharmacodynamics/ PHOSPHOFRUCTOKINASE, antagonists & inhibitors/ *PHOSPHOFRUCTOKINASE, blood/ PHOSPHOFRUCTOKINASE, isolation & purification/ PHOSPHOFRUCTOKINASE, metabolism/ PRECIPITATION
2873. Maneschi M: Le anomalie de ciclo mestruale e loro terapia. *Minerva Ginecol* 26:95-123, Feb 74 (Ita)
ADRENAL CORTEX HORMONES, therapeutic use/ ANDROGENS, therapeutic use/ ESTROGENS, therapeutic use/ FEMALE/ GONADOTROPINS, therapeutic use/ HUMAN/ *MENSTRUATION DISORDERS, drug therapy/ PROGESTATIONAL HORMONES, therapeutic use/ THYROID HORMONES, therapeutic use
2874. Manfredonia M: Tumours of the nervous system in the African in Eritrea (Ethiopia). *Afr J Med Sci* 4:383-7, Oct 73
AGE FACTORS/ BRAIN NEOPLASMS, occurrence/ *CRANIOPHARYNGIOMA, occurrence/ ETHIOPIA/ FEMALE/ HUMAN/ MALE/ *MENINGIOMA, occurrence/ NEGROID RACE/ NEOPLASM METASTASIS/ *NEOPLASMS, NERVOUS TISSUE, occurrence/ SEX FACTORS/ SPINAL CORD NEOPLASMS, occurrence/ TUBERCULOMA, occurrence
2875. Manger HG: Erfahrungen mit der oralen Behandlung der Azetonurie des Kindes mit 6-alpha-9-alpha-Difluor-16-alpha-methyl-prednisolon. *Berl Munch Tierarztl Wochenschr* 87:205-7, 1 Jun 74 (Ger)
ACIDOSIS, drug therapy/ *ACIDOSIS, veterinary/ ANIMAL EXPERIMENTS/ *CATTLE DISEASES, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ *PREDNISOLONE, therapeutic use
2876. Mangia DP, Rastogi GK, Khattri HN, et al: Frequency of manifest, latent and latent chemical diabetes mellitus in patients of ischaemic heart disease with myocardial infarction. *J Assoc Physicians India* 21:11-5, Jan 73
*DIABETES MELLITUS, complications/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ MALE/ *MYOCARDIAL INFARCT, complications/ *PREDIABETIC STATE, complications/ PREDNISOLONE, diagnostic use
2877. Manita H, Sudo T, Asano H: Demonstration of parotin in thoracic duct lymph and portal vein blood upon intestinal administration in the rat. *Endocrinol Jap* 20:463-73, Oct 73
ANIMAL EXPERIMENTS/ DUODENUM/ GEL FILTRATION/ *HORMONES, metabolism/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ INJECTIONS/ INJECTIONS, INTRAVENOUS/ INTESTINAL ABSORPTION/ IODINE RADIOISOTOPES/ *LYMPH, analysis/ MALE/ MESENTERIC VEINS/ PAROTIN, administration & dosage/ PAROTIN, blood/ PAROTIN, metabolism/ *PORTAL VEIN/ RABBITS, immunology/ THORACIC DUCT
2878. Manku MS, Nassar BA, Horrobin DF: Proceedings: Effects of prolactin on the responses of rat aortic wall strips to noradrenaline. *J Endocrinol* 61:vi-viii, Apr 74
ANIMAL EXPERIMENTS/ AORTA, THORACIC, drug effects/ *ARTERIES, drug effects/ DRUG SYNERGISM/ IN VITRO/ MALE/ *MUSCLE, SMOOTH, drug effects/ *NOREPINEPHRINE, pharmacodynamics/ *PROLACTIN, pharmacodynamics/ RATS/ TRANSDUCERS
2879. Manley SW, Bourke JR, Hawker RW: The thyrotrophin receptor in guinea-pig thyroid homogenate: interaction with the long-acting thyroid stimulator. *J Endocrinol* 61:437-45, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADENYL CYCLASE/ ANIMAL EXPERIMENTS/ BINDING SITES/ GEL FILTRATION/ IGG/ IN VITRO/ IODINE RADIOISOTOPES/ KINETICS/ *LONG-ACTING THYROID STIMULATOR, metabolism/ *RECEPTORS, HORMONE/ RECEPTORS, HORMONE, drug effects/ SUBCELLULAR FRACTIONS/ THYROID GLAND, metabolism/

AUTHOR SECTION

- THYROTROPIN, antagonists & inhibitors/
*THYROTROPIN, metabolism/ TRITIUM
2880. Manley SW, Bourke JR, Hawker RW: The thyrotrophin receptor in guinea-pig thyroid homogenate: general properties. *J Endocrinol* 61:419-36, Jun 74
ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ADENYL CYCLASE, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES, drug effects/ CENTRIFUGATION, DENSITY GRADIENT/ GUANOSINE TRIPHOSPHATE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ IODINE RADIOISOTOPES/ KINETICS/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ PERCHLORIC ACIDS, pharmacodynamics/ RADIOLIGAND ASSAY/ *RECEPTORS, HORMONE/ SODIUM CHLORIDE, pharmacodynamics/ SUBCELLULAR FRACTIONS/ THIOCYANATES, pharmacodynamics/ THYROID GLAND/ THYROTROPIN/ *THYROTROPIN, metabolism/ UREA, pharmacodynamics
2881. Mann GV: The influence of obesity on health (first of two parts). *N Engl J Med* 291:178-85, 25 Jul 74 (66 ref.)
ANIMAL EXPERIMENTS/ APPETITE REGULATION/ BLOOD PRESSURE DETERMINATION/ BODY HEIGHT/ BODY TEMPERATURE REGULATION/ BODY WEIGHT/ BROWN FAT, metabolism/ CORONARY DISEASE, etiology/ DENSITOMETRY/ DISEASE MODELS, ANIMAL/ ENERGY METABOLISM/ FOOD HABITS/ GLUCOSE, metabolism/ HUMAN/ HYPERTENSION, etiology/ HYPOTHALAMUS, physiology/ MALE/ OBESITY, complications/ OBESITY, diagnosis/ OBESITY, familial & genetic/ *OBESITY, metabolism/ OBESITY, pathophysiology/ OBESITY, therapy/ REVIEW
2882. Mann JD, Higgins J: Letter: A case of primary amenorrhea associated with X-autosomal translocation (46,X,t(Xq minus;5q plus)). *Am J Hum Genet* 26:416, May 74
ADOLESCENCE/ *AMENORRHEA, familial & genetic/ *CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 4-5/ *CHROMOSOMES, HUMAN, 6-12/ FEMALE/ HUMAN/ *SEX CHROMOSOMES
2883. Manning A, McGill TE: Neonatal androgen and sexual behavior in female house mice. *Horm Behav* 5:19-31, Mar 74
AGE FACTORS/ ANIMAL EXPERIMENTS/ CASTRATION/ CLITORIS, drug effects/ COITUS, drug effects/ COMPARATIVE STUDY/ EJACULATION, drug effects/ ESTRUS, drug effects/ FEMALE/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, SUBCUTANEOUS/ MALE/ MICE/ OILS, administration & dosage/ OILS, pharmacodynamics/ OVARY, physiology/ POSTURE/ PROPIONATES, administration & dosage/ PROPIONATES, pharmacodynamics/ *SEX BEHAVIOR, ANIMAL, drug effects/ SEX FACTORS/ STIMULATION, CHEMICAL/ TESTOSTERONE, administration & dosage/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS
2884. Männistö PT: Effect of lithium on delimiting activity of various rat tissues in vitro. *Acta Endocrinol (Kbh)* 76:260-72, Jun 74
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ FEMALE/ GLUCOSE OXIDASE, metabolism/ HALF-LIFE/ IODINE RADIOISOTOPES/ *IODOTYROSINE, metabolism/ KIDNEY, drug effects/ LITHIUM, pharmacodynamics/ LIVER, drug effects/ MALE/ NADP, metabolism/ RATS/ STIMULATION, CHEMICAL/ THYROID GLAND, drug effects/ THYROTROPIN, metabolism/ THYROXINE, blood/ *THYROXINE, metabolism/ TIME FACTORS
2885. Manolov P, Todorov S: Eksperimentalni prouchvanila na dolispana za protivolzveno delstvie. *Eksp Med Morfol* 13:36-9, 1974 (Bul)
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, therapeutic use/ MALE/ MUSCLE RELAXANTS, CENTRAL, therapeutic use/ *PARASYMPATHOLYTICS, therapeutic use/ *PEPTIC ULCER, drug therapy/ SEROTONIN, antagonists & inhibitors
2886. Manor RS, Kurz O, Lewitus Z: Intraocular pressure in endocrinological patients with exophthalmos. *Ophthalmologica* 168:241-52, 1974
AGE FACTORS/ DRINKING/ EXOPHTHALMOS, complications/ *EXOPHTHALMOS, pathophysiology/ EYE, pathophysiology/ FEMALE/ GLAUCOMA, complications/ HUMAN/ HYPERTHYROIDISM, pathophysiology/ HYPOTHYROIDISM, pathophysiology/ *INTRAOCULAR PRESSURE/ LATERALITY/ MALE/ *THYROID GLAND, pathophysiology
2887. Manousos ON, Economidou JC, Georgiadou DE, et al: Alpha-chain disease with clinical, immunological, and histological recovery. *Br Med J* 2:409-12, 25 May 74
BETA GLOBULIN, analysis/ BIOPSY/ *CYCLOPHOSPHAMIDE, therapeutic use/ DIET THERAPY/ FLUORESCENT ANTIBODY TECHNIC/ GLUCOSE TOLERANCE TEST/ GLUTEN/ HEAVY CHAIN DISEASE, drug therapy/ HEAVY CHAIN DISEASE, immunology/ HEAVY CHAIN DISEASE, pathology/ HUMAN/ *IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOELECTROPHORESIS/ INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, pathology/ JEJUNUM, pathology/ MALE/ *PREDNISONE, therapeutic use/ SPRUE, immunology/ SPRUE, pathology/ *TETRACYCLINE, therapeutic use/ XYLOSE, diagnostic use
2888. Manuliova IA, Kusnetsova MN, Bogdanova EA: Diagnostika prichin sterotiv virilizatsii b pubertatnom vozraste. *Aktuel Probl Klin Biochem* 49:70-4, Jul 73 (Rus)
ADOLESCENCE/ ADRENOGENITAL SYNDROME, diagnosis/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *PUBERTY/ STEIN-LEVENTHAL SYNDROME, diagnosis/ *VIRILISM, diagnosis/ VIRILISM, etiology
2889. Manske H: Pränatale Dystrophie. *Med Monatsschr* 28:14-9, Jan 74 (38 ref.) (Ger)
ABNORMALITIES, MULTIPLE, diagnosis/ *BIRTH WEIGHT/ BODY HEIGHT/ CHROMOSOMES, HUMAN, 16-18/ FEMALE/ FETAL DISEASES, diagnosis/ FETAL DISEASES, etiology/ FETUS, growth & development/ GESTATIONAL AGE/ HUMAN/ INFANT/ *INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, diagnosis/ INFANT, NEWBORN, DISEASES, etiology/ *INFANT, PREMATURE/ INFARCTION, pathology/ MATERNAL-FETAL EXCHANGE/ NEUROLOGIC MANIFESTATIONS/ OXYGEN CONSUMPTION/ PLACENTA, blood supply/ PLACENTA, pathology/ PLACENTA DISORDERS, complications/ PREGNANCY/ PREGNANCY TOXEMIAS, complications/ PROGNOSIS/ REGIONAL BLOOD FLOW/ REVIEW/ SKULL, abnormalities/ SYNDROME/ TRISOMY
2890. Maor D, Englander T, Eyalan E, et al: Participation of hormone in the early stages of the immune response. *Acta Endocrinol (Kbh)* 75:205-8, Jan 74
ANIMAL EXPERIMENTS/ *ANTIBODY PRODUCING CELLS, drug effects/ *ANTIGEN-ANTIBODY REACTIONS, drug effects/ ANTIGENS, HETEROGENETIC, administration & dosage/ CATTLE/ DEPRESSION, CHEMICAL/ *DNA, biosynthesis/ DNA, metabolism/ ERYTHROCYTES, immunology/ *ESTRADIOL, pharmacodynamics/ FEMALE/ INJECTIONS, INTRAPERITONEAL/ *INSULIN, pharmacodynamics/ LYMPH NODES, immunology/ LYMPH NODES, metabolism/ RATS/ SHEEP, immunology/

AUTHOR SECTION

- *SOMATOTROPIN, pharmacodynamics/
SPLEEN, immunology/ SPLEEN, metabolism/
STIMULATION, CHEMICAL/ *THYROTROPIN,
pharmacodynamics/ TRITIUM
2891. Maor D, Niviy S, Eylan E: Epinephrine blockade of ribonuclease activity stimulation in lymphoid organs by cortisone and prostaglandin E1.
Biomedicine [Express] 19:374-8, 20 Sep 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/
CORTISONE, metabolism/ *CORTISONE, pharmacodynamics/ DRUG SYNERGISM/
*ENZYME INDUCTION, drug effects/
*EPINEPHRINE, pharmacodynamics/ LIVER, enzymology/ LYMPH NODES, enzymology/
ORGAN WEIGHT/ *PROSTAGLANDINS, pharmacodynamics/ RIBONUCLEASE, analysis/
*RIBONUCLEASE, metabolism/ SPLEEN, enzymology/ THYMUS GLAND, enzymology
2892. Marañón A, Durán S, Sanjose G, et al: Tolerancia a la glucosa, insulina secreción, niveles de ácidos grasos libres y de hormona de crecimiento en la cirrosis hepática.
Rev Clin Esp 132:299-306, 28 Feb 74 (Spa)
ADULT/ AGED/ *BLOOD SUGAR, analysis/
*CARBOHYDRATES, metabolism/ ENGLISH ABSTRACT/ *FATTY ACIDS, NONESTERIFIED, blood/ GLUCOSE TOLERANCE TEST/ HUMAN/ *INSULIN, secretion/ KIDNEY FUNCTION TESTS/
*LIVER CIRRHOSIS, metabolism/ MIDDLE AGE/ *SOMATOTROPIN, secretion
2893. Marañón A, Romero Fernández H, Durán S, et al: Metabolismo del hierro en los estados de hiperfunción tiroidea.
Rev Iber Endocrinol 21:151-7, Mar-Apr 74 (Spa)
ADULT/ ENGLISH ABSTRACT/
ERYTHROCYTES, metabolism/ FEMALE/
*GOITER, EXOPHTHALMIC, metabolism/
HUMAN/ *HYPERTHYROIDISM, metabolism/
IRON, blood/ *IRON, metabolism/ MALE/
MIDDLE AGE
2894. Marbach P, Rudinger J: Synthesis of (2-p-fluorophenylalanine)oxytocin and its desamino analogue using the S-acetamidomethyl protecting group. Helv Chim Acta 57:403-14, Feb 74
DEAMINATION/ FLUORINE/ METHODS/
NUCLEAR MAGNETIC RESONANCE/
*OXYTOCIN, chem synthesis/
PHENYLALANINE, chem synthesis
2895. Marcelle R, Laurent B: Réactivité des bronches humaines in vitro.
Arch Int Physiol Biochim 81:901-20, Dec 73 (Fre)
ACETYLCHOLINE, antagonists & inhibitors/
ACETYLCHOLINE, pharmacodynamics/
AIRWAY RESISTANCE/ ANTIHISTAMINICS, pharmacodynamics/ ATROPINE, pharmacodynamics/ BRADYKININ, pharmacodynamics/ *BRONCHI, drug effects/
DISODIUM CROMOGLYCATE, pharmacodynamics/
HISTAMINE, pharmacodynamics/ HUMAN/ IN VITRO/
ISOPROTERENOL, pharmacodynamics/
MUSCLE CONTRACTION, drug effects/
NOREPINEPHRINE, pharmacodynamics/
ORCIPRENALINE, pharmacodynamics/
PHENTOLAMINE, pharmacodynamics/
PRESSURE/ PROMETHAZINE, pharmacodynamics/
PROPRANOLOL, pharmacodynamics/
SEROTONIN, pharmacodynamics/
THYMOXAMINE, pharmacodynamics
2896. Marchand JP, N'Diaye B, Faye I, et al: Réticulose histiocyttaire d'évolution rapidement fatale chez un Africain.
Bull Soc Med Afr Noire Lang Fr 19:33-5, 1974 (Fre)
ANTINEOPLASTIC AGENTS, therapeutic use/
BCG VACCINATION/ BIOPSY/ ENGLISH ABSTRACT/ HUMAN/ MALE/ PREDNISONE, therapeutic use/ *RETICULOENDOTHELIOSIS, diagnosis/ RETICULOENDOTHELIOSIS, drug therapy/ RETICULOENDOTHELIOSIS, immunology/ RETICULOENDOTHELIOSIS, pathology/ RETICULOENDOTHELIOSIS, therapy/ SKIN, pathology/ *SKIN NEOPLASMS, diagnosis/ SKIN NEOPLASMS, drug therapy/ SKIN NEOPLASMS, immunology/ SKIN NEOPLASMS, pathology/ SKIN NEOPLASMS, therapy/ SKIN TESTS/ SKIN ULCER, etiology/ TUBERCULIN TEST/ VACCINE THERAPY
2897. Marchi M, Cugurra F: The effect of long-term oral treatment of rats with contraceptive steroids on tissue MAO. Eur J Pharmacol 25:407-10, Mar 74
ADMINISTRATION, ORAL/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/
CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ KIDNEY, enzymology/ KYNURENINE, pharmacodynamics/ LIVER, enzymology/
MONOAMINE OXIDASE, metabolism/
*MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ MYOCARDIUM, enzymology/ NORGESTREL, pharmacodynamics/ PROTEINS, analysis/
QUINOLINES, pharmacodynamics/ RATS/
TIME FACTORS
2898. Marchlewska-Koj A: Prostaglandyny i ich rola w fizjologii rozrodu.
Przegl Lek 31:382-7, 1974 (45 ref.) (Pol)
ABORTION, INDUCED/ ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ CORPUS LUTEUM, drug effects/ FEMALE/ GUINEA PIGS/ HUMAN/ HYPOTHALAMUS, drug effects/
INJECTIONS, INTRAVENOUS/ LABOR, drug effects/ MALE/ PREGNANCY/
PROSTAGLANDINS, biosynthesis/
PROSTAGLANDINS, classification/
PROSTAGLANDINS, pharmacodynamics/
*PROSTAGLANDINS, physiology/ RABBITS/ RATS/ *REPRODUCTION/ REVIEW/ UTERUS, drug effects/ UTERUS, secretion
2899. Marchlewska-Koj A, Styrna J, Dubin A: Differences in the thyroid function of four inbred strains of mice.
Folia Biol (Krakow) 22:149-56, 1974
AGE FACTORS/ ANIMAL EXPERIMENTS/
COMPARATIVE STUDY/ ESTRUS/ FEMALE/ GENOTYPE/ INJECTIONS, INTRAPERITONEAL/ IODINE ISOTOPES, DIAGNOSTIC/ IODINE RADIOISOTOPES, administration & dosage/ MALE/ MICE/ MICE, INBRED C57BL/ MICE, INBRED CBA/ *MICE, INBRED STRAINS, physiology/
PROTEIN-BOUND IODINE TEST/ SEX FACTORS/ *THYROID GLAND, physiology/
THYROID GLAND FUNCTION TESTS
2900. Marcus RE: Cochlear and neural diseases: classification and oto-audiologic correlations.
Ann Otol Rhinol Laryngol 83:304-11, May-Jun 74
ADULT/ ALPORT'S SYNDROME, complications/ ANEMIA, SICKLE CELL, complications/ AUDIOMETRY/ CHILD/ CHILD, PRESCHOOL/ *COCHLEA/ *COCHLEAR NERVE/ DEAFNESS, complications/
*DEAFNESS, etiology/ DEAFNESS, familial & genetic/ ENDOCRINE DISEASES, complications/ EYE MOVEMENTS/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *LABYRINTH DISEASES, classification/ MALE/ MENINGITIS, complications/ MIDDLE AGE/ MUMPS, complications/ *PERIPHERAL NERVE DISEASES, classification/ SPEECH DISORDERS, etiology/ TOMOGRAPHY/ VESTIBULAR FUNCTION TESTS
2901. Margen S, Chu JY, Kaufmann NA, et al: Studies in calcium metabolism. I. The calcitropic effect of dietary protein. Am J Clin Nutr 27:584-9, Jun 74
ADULT/ *AMINO ACIDS, administration & dosage/ AMINO ACIDS, analysis/ CALCIUM, metabolism/ *CALCIUM, urine/ *CALCIUM, DIETARY, administration & dosage/ CASEIN/ DIET/ *DIETARY PROTEINS, administration & dosage/ EGG WHITE/ FOOD ANALYSIS/ HUMAN/ MALE/ NITROGEN, metabolism/
NUTRITION/ PLANT PROTEINS/ SOY

AUTHOR SECTION

- BEANS/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION
2902. Margolis MG: Diabeticheskaya retinopatiya. Oftalmol Zh 29:150-8, 1974 (95 ref.) (Rus)
ANABOLIC STEROIDS, therapeutic use/
ANTICOAGULANTS, therapeutic use/
CAPILLARY PERMEABILITY/
CARBOHYDRATES, metabolism/ *DIABETIC RETINOPATHY/ DIABETIC RETINOPATHY, blood/ DIABETIC RETINOPATHY, diagnosis/ DIABETIC RETINOPATHY, drug therapy/ DIABETIC RETINOPATHY, etiology/ DIABETIC RETINOPATHY, metabolism/ DIABETIC RETINOPATHY, occurrence/ DIABETIC RETINOPATHY, physiopathology/ DIABETIC RETINOPATHY, prevention & control/ DIABETIC RETINOPATHY, surgery/ GALACTOSAMINE, blood/ HUMAN/ LIGHT COAGULATION/ LIPIDS, metabolism/ RETINAL VESSELS, physiopathology/ REVIEW/ SEX HORMONES, therapeutic use/ THIAMINE PYROPHOSPHATE, therapeutic use/ VENOUS PRESSURE/ VITAMINS, therapeutic use
2903. Markarian MG: Mestnoe primenenie dezokskortikosterona pri lechenii posttraumaticheskikh granuliruyushchikh ran. Ortop Travmatol Protez 34:60-2, 1974 (Rus)
DESOXYCORTICOSTERONE, pharmacodynamics/
*DESOXYCORTICOSTERONE, therapeutic use/ GRANULATION TISSUE, drug effects/ HUMAN/ WOUND HEALING, drug effects/ *WOUND INFECTION, drug therapy/ WOUND INFECTION, etiology/ WOUNDS AND INJURIES, complications
2904. Markham C, Diamond SG, Treclokas LJ: Carbidopa in Parkinson disease and in nausea and vomiting of levodopa. Arch Neurol 31:128-33, Aug 74
ATHETOSIS, chemically induced/ CHOREA, chemically induced/ *DOPA, adverse effects/ DOPA, therapeutic use/ EVALUATION STUDIES/ FEMALE/ HUMAN/ *HYDRAZINES, therapeutic use/ MALE/ METHYLDOPA HYDRAZINE, administration & dosage/ METHYLDOPA HYDRAZINE, adverse effects/ METHYLDOPA HYDRAZINE, therapeutic use/ *NAUSEA, chemically induced/ NAUSEA, prevention & control/ *PARKINSONISM, drug therapy/ *VOMITING, chemically induced/ VOMITING, prevention & control
2905. Markham OD: Environmental and radiological monitoring at the National Reactor Testing Station during FY-1973 (July 1972-June 1973). Radiat Data Rep 15:227-46, May 74
AIR POLLUTION, RADIOACTIVE, analysis/ ANIMAL EXPERIMENTS/ ARTIODACTYLA/ *ENVIRONMENTAL POLLUTION, analysis/ FOOD CONTAMINATION, RADIOACTIVE, analysis/ IDAHO/ IODINE RADIOISOTOPES, analysis/ MEAT, analysis/ MILK, analysis/ *NUCLEAR REACTORS/ *RADIATION MONITORING/ *RADIOACTIVE FALLOUT, analysis/ RADIOISOTOPES, analysis/ SOIL, analysis/ THERMOLUMINESCENT DOSIMETRY/ THYROID GLAND, analysis/ WATER POLLUTION, RADIOACTIVE, analysis/ WHEAT, analysis
2906. Markkanen T, Himanen P, Peltola O: Pentose phosphate pathway inhibition in blood cells during anticonceptive hormone therapy. Pharmacology 11:108-16, 1974
ADULT/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *ERYTHROCYTES, enzymology/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ *LEUKOCYTES, enzymology/ *PENTOSE, blood/ PENTOSE, metabolism/ *TRANSKETOLASE, blood
2907. Markkanen T, Virtanen S, Pajula RL, et al: Hormonal dependence of folic acid protein binding in human serum. Int J Vitam Nutr Res 44:81-94, 1974
BLOOD PROTEINS, analysis/ BLOOD PROTEINS, metabolism/ CHROMATOGRAPHY/ CONTRACEPTIVES, ORAL/ FEMALE/ *FOLIC ACID, blood/ GAMMA GLOBULIN, metabolism/ *HORMONES, physiology/ HUMAN/ MALE/ MATHEMATICS/ MENSTRUATION/ *PROTEIN BINDING/ SERUM ALBUMIN, metabolism/ TIME FACTORS
2908. Markov KhM, Bankova VV: Ekskretsiya kortikosteroidov s mochoi u podrostkov s pervichnoi arterial'noi gipertoniei. Pediatrila 53:37-40, Apr 74 (Rus)
*ADRENAL CORTEX HORMONES, urine/ ALDOSTERONE, urine/ CORTICOSTERONE, urine/ CORTISONE, urine/ HUMAN/ *HYPERTENSION, urine/ TETRAHYDROCORTISONE, urine
2909. Markovski N: Khlopizni formi na luteinova insufitsientia u zhenata. Akush Ginekol (Sofia) 13:89-106, 1974 (Bul)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LH, analysis/ LH, secretion/ *PITUITARY GLAND, secretion
2910. Marks BH: Delta1-tetrahydrocannabinol and luteinizing hormone secretion. Prog Brain Res 39:331-8, 1973
ANIMAL EXPERIMENTS/ *CANNABIS, pharmacodynamics/ FEMALE/ *LH, secretion/ RATS/ TETRAHYDROCANNABINOL, pharmacodynamics/ TIME FACTORS
2911. Marks HE, Fargason BD, Hobbs SH: Reactivity to aversive stimuli as a function of alterations in body weight in normal and gonadectomized female rats. Physiol Behav 9:539-44, Oct 72
ANIMAL EXPERIMENTS/ AVOIDANCE LEARNING/ *BEHAVIOR, ANIMAL, drug effects/ *BODY WEIGHT, drug effects/ *CASTRATION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROSHOCK/ ESTRADIOL, administration & dosage/ ESTRADIOL, pharmacodynamics/ FEMALE/ FOOD DEPRIVATION/ PROGESTERONE, administration & dosage/ PROGESTERONE, pharmacodynamics/ QUININE/ REACTION TIME/ TASTE
2912. Marks N, Galoyan A, Grynbaum A, et al: Protein and peptide hydrolases of the rat hypothalamus and pituitary. J Neurochem 22:735-9, May 74
AMINOPEPTIDASES, metabolism/ ANIMAL EXPERIMENTS/ CEREBRAL CORTEX, enzymology/ DIPEPTIDES/ GLYCINE/ HEMOGLOBIN/ *HYPOTHALAMUS, enzymology/ KINETICS/ LEUCINE/ MALE/ OLIGOPEPTIDES/ ORGAN SPECIFICITY/ *PEPTIDE HYDROLASES, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PITUITARY GLAND, enzymology/ PITUITARY GLAND, POSTERIOR, enzymology/ PITUITARY HORMONES, pharmacodynamics/ PROLINE/ STRUCTURE-ACTIVITY RELATIONSHIP
2913. Marks P: Multiple thoracotomy for metastatic pulmonary neoplasm. Thorax 29:248-51, Mar 74
ADULT/ FEMORAL NEOPLASMS, surgery/ HUMAN/ *LUNG NEOPLASMS, surgery/ MALE/ METHODS/ MIDDLE AGE/ NEOPLASM METASTASIS/ *SARCOMA, OSTEOGENIC, surgery/ TESTICULAR NEOPLASMS, surgery/ TIME FACTORS
2914. Marley FB, Smith CC: Proceedings: Mating increases the prostaglandin-like content of male and female reproductive tracts in mice. J Endocrinol 61:xxxiv-xxxv, Apr 74
ANIMAL EXPERIMENTS/ *COITUS/ EJACULATION/ EPIDIDYMIS, analysis/ ESTRUS/ FEMALE/ *GENITALIA, analysis/ MALE/ MICE/ PENIS, analysis/ *PROSTAGLANDINS, analysis/ PROSTATE, analysis/ SEMINAL VESICLES, analysis/ TESTIS, analysis
2915. Marple DN, Cassens RG, Topel DG, et al: Porcine corticosteroid-binding globulin: binding properties and levels in stress-susceptible swine.

AUTHOR SECTION

- J Anim Sci 38:1224-8, Jun 74
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ FEMALE/ HYDROCORTISONE, blood/ HYDROGEN-ION CONCENTRATION/ MALE/ METHODS/ PROTEIN BINDING/ STRESS, familial & genetic/ STRESS, physiopathology/ *STRESS, veterinary/ *SWINE, physiology/ SWINE DISEASES, familial & genetic/ *SWINE DISEASES, physiopathology/ TEMPERATURE/ *TRANCORTIN, analysis/ TRITIUM
2916. Marple DN, Jones DJ, Alliston CW, et al: Physiological and endocrinological changes in response to terminal heat stress in swine. J Anim Sci 39:79-82, Jul 74
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ BODY TEMPERATURE/ CARBON DIOXIDE, blood/ CORTICOTROPIN, blood/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HEART RATE/ *HEAT/ HYDROGEN-ION CONCENTRATION/ LACTATES, blood/ OXYGEN, blood/ RESPIRATION/ STRESS, physiopathology/ *STRESS, veterinary/ SWINE/ *SWINE DISEASES, physiopathology
2917. Marquardt JL, Loriaux DL: Diabetes mellitus and optic atrophy with associated findings of diabetes insipidus and neurosensory hearing loss in two siblings. Arch Intern Med 134:32-7, Jul 74
AMINO ACIDS, urine/ ANOSMIA, complications/ AUDIOMETRY/ AUTONOMIC NERVOUS SYSTEM/ BODY TEMPERATURE REGULATION/ COLOR BLINDNESS, complications/ *DIABETES INSIPIDUS, familial & genetic/ *DIABETES MELLITUS, JUVENILE, familial & genetic/ *DIABETIC NEUROPATHIES, familial & genetic/ ELECTROENCEPHALOGRAPHY/ FEMALE/ *HEARING DISORDERS, familial & genetic/ HUMAN/ HYDROCORTISONE, secretion/ MALE/ NERVOUS SYSTEM DISEASES, complications/ *OPTIC ATROPHY, familial & genetic/ SYNDROME/ VISION TESTS
2918. Marron Gasca J, Gimenez Serrano H: Ensayo del trimetil acetato de clorcortolone (CL-68. Rev Clin Esp 132:163-70, 31 Jan 74 (Spa)
ACETATES/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICOIDS, TOPICAL, administration & dosage/ *GLUCOCORTICOIDS, TOPICAL, therapeutic use/ HUMAN/ MALE/ OINTMENTS/ *SKIN DISEASES, drug therapy
2919. Mars H: Levodopa, carbidopa, and pyridoxine in Parkinson disease. Metabolic interactions. Arch Neurol 30:444-7, Jun 74
DOPA, blood/ *DOPA, metabolism/ DOPA, therapeutic use/ DOPA, urine/ DOPA DECARBOXYLASE, blood/ DOPA DECARBOXYLASE, urine/ DOPAMINE, blood/ DRUG INTERACTIONS/ DRUG SYNERGISM/ HOMOVANILLIC ACID, blood/ HOMOVANILLIC ACID, urine/ HUMAN/ *HYDRAZINES, metabolism/ METHYLDOPAHYDRAZINE, metabolism/ METHYLDOPAHYDRAZINE, therapeutic use/ PARKINSONISM, blood/ PARKINSONISM, drug therapy/ *PARKINSONISM, metabolism/ PARKINSONISM, urine/ *PYRIDOXINE, metabolism/ PYRIDOXINE, therapeutic use
2920. Marak L, Ranning K, Larsson KS: 3H-corticosterone incorporation in CBA and transferred A-Jax embryos in CBA mothers. Biol Neonate 24:49-56, 1974
*ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ CLEFT PALATE, chemically induced/ *CORTICOSTERONE, metabolism/ *FETUS, drug effects/ MATERNAL-FETAL EXCHANGE/ MICE/ MICE, INBRED CBA/ MICE, INBRED STRAINS/ PREGNANCY/ TRITIUM
2921. Marston S, Tregear RT: Calcium binding and the activation of fibrillar insect flight muscle. Biochim Biophys Acta 347:311-8, 22 May 74
ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BINDING SITES/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CALCIUM RADIOISOTOPES/ COMPARATIVE STUDY/ FLIGHT, ANIMAL/ GLYCERIN/ INSECTS/ KINETICS/ MUSCLE CONTRACTION, drug effects/ MUSCLES, drug effects/ MUSCLES, enzymology/ *MUSCLES, metabolism/ *RECEPTORS, DRUG, drug effects/ SPECIES SPECIFICITY/ TIME FACTORS
2922. Martelo OJ, Hirsch J: Effect of nuclear protein kinases on mammalian RNA synthesis. Biochem Biophys Res Commun 58:1008-15, 18 Jun 74
ANIMAL EXPERIMENTS/ CELL NUCLEOLUS, drug effects/ CELL NUCLEOLUS, enzymology/ CELL NUCLEUS, enzymology/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GENOTYPE/ LIVER, cytology/ LIVER, drug effects/ *LIVER, enzymology/ NUCLEIC ACID DENATURATION/ PHOSPHORUS RADIOISOTOPES/ PROTEIN KINASE, metabolism/ *PROTEIN KINASE, pharmacodynamics/ *RNA, biosynthesis/ RNA POLYMERASE, metabolism/ TEMPLATES/ THYMUS GLAND/ TRITIUM/ URACIL NUCLEOTIDES
2923. Martin GE, Myers RD: Action of intrahypothalamic 6-hydroxydopamine on motivated responding for food and water in the rat. Pharmacol Biochem Behav 2:393-9, May 74
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *DRINKING BEHAVIOR, drug effects/ *FEEDING BEHAVIOR, drug effects/ HUNGER, drug effects/ HYDROXYDOPAMINE, administration & dosage/ *HYDROXYDOPAMINE, pharmacodynamics/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, physiology/ INJECTIONS/ MALE/ REINFORCEMENT (PSYCHOLOGY)/ THIRST, drug effects/ TIME FACTORS
2924. Martin JB, Lal S, Tolls G, et al: Inhibition by apomorphine of prolactin secretion in patients with elevated serum prolactin. J Clin Endocrinol Metab 39:180-2, Jul 74
*APOMORPHINE, pharmacodynamics/ BROMINE, pharmacodynamics/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DOPA, pharmacodynamics/ ERGOT ALKALOIDS, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ PROLACTIN, blood/ *PROLACTIN, secretion/ TIME FACTORS
2925. Martin L, Herr JC, Wanamaker W, et al: Demonstration of specific antineuronal nuclear antibodies in sera of patients with myasthenia gravis. Indirect and direct immunofluorescence. Neurology (Minneapolis) 24:680-3, Jul 74
ANIMAL EXPERIMENTS/ *ANTINUCLEAR FACTORS, analysis/ BRAIN STEM, immunology/ CEREBELLUM, immunology/ CEREBRAL CORTEX, immunology/ FLUORESCENT ANTIBODY TECHNIC/ GOATS, immunology/ HUMAN/ IGA/ IGG/ IGM/ LIVER, immunology/ MALE/ MUSCLES, immunology/ *MYASTHENIA GRAVIS, immunology/ *NEURONS, immunology/ TESTIS, immunology/ THYMUS GLAND, immunology
2926. Martin PD, Gebbie T, Salmond CE: A controlled trial of beclomethasone dipropionate by aerosol in chronic asthmatics. NZ Med J 79:773-6, 27 Mar 74
AEROSOLS/ ALBUTEROL, diagnostic use/ *ASTHMA, drug therapy/ ASTHMA, physiopathology/ BECLOMETHASONE, administration & dosage/ BECLOMETHASONE, therapeutic use/ CLINICAL RESEARCH/ DRUG EVALUATION/ *GLUCOCORTICOIDS, TOPICAL, therapeutic use/ HUMAN/ *METHYLPREDNISOLONE, therapeutic use/ PLACEBOS/ SPIROMETRY/ VITAL CAPACITY

AUTHOR SECTION

2927. Martinelli M, Merlin L, Cohen Y: Distribution de l'acide érucique 14C chez la souris.
C R Acad Sci [D] (Paris) 276:853-6, 29 Jan 73 (Fre)
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ AUTORADIOGRAPHY/
BROWN FAT, metabolism/ CARBON
ISOTOPES/ *FATTY ACIDS, NONESTERIFIED,
metabolism/ FEMALE/ INJECTIONS,
INTRAVENOUS/ KIDNEY, metabolism/ LIVER,
metabolism/ MYOCARDIUM, metabolism/
OLEIC ACID, metabolism/ PLACENTA,
metabolism/ PREGNANCY, ANIMAL/ SPLEEN,
metabolism
2928. Martinenko FP, Rozhko OT, Novikova NP:
Zastosuvannya elektroforezu u rozchynnomu
poliakrylamidnomu hely dlia vyznachennia pytomoi
radioaktyvnosti bilkovykh fraktalif.
Ukr Biokhim Zh 46:252-4, Mar-Apr 74 (Ukr)
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ ENGLISH
ABSTRACT/ METHODS/ *PITUITARY GLAND,
analysis/ *PROTEINS, analysis/ RATS/
*SOMATOTROPIN, analysis
2929. Martini L: Il sistema ipotalamo-ipofisario nel controllo
della funzione gonadica.
Minerva Ginecol 26:62-4, Feb 74 (Ita)
FEEDBACK/ FEMALE/ FSH, metabolism/
HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL
SYSTEM, physiology/ LH, metabolism/
LH-FSH RELEASING HORMONE, metabolism/
*OVARY, physiology
2930. Martonosi A, Lagwinska E, Oliver M: Elementary
processes in the hydrolysis of ATP by sarcoplasmic
reticulum membranes.
Ann NY Acad Sci 227:549-67, 18 Feb 74
ADENOSINE TRIPHOSPHATE/ *ADENOSINE
TRIPHOSPHATE, metabolism/ ANIMAL
EXPERIMENTS/ BIOLOGICAL TRANSPORT,
ACTIVE/ CALCIUM/ CALCIUM, metabolism/
CHELATING AGENTS/ KINETICS/ LIPIDS,
metabolism/ MEMBRANES, metabolism/
ORGANOPHOSPHORUS COMPOUNDS/
PHOSPHOPROTEINS, biosynthesis/
PHOSPHOPROTEINS, metabolism/
PHOSPHORUS RADIOISOTOPES/ RABBITS/
*SARCOPLASMIC RETICULUM, metabolism/
TEMPERATURE/ TIME FACTORS
2931. Martynenko FP, Zriakov ON, Korniuschenko NP: Vmist
monoaminiv ta adeninnukleotydiv u hipotalamusi
shchuriv za hipo- ta hipertyreozu.
Ukr Biokhim Zh 45:624-7, Sep-Oct 73 (Ukr)
*ADENINE NUCLEOTIDES, analysis/ ANIMAL
EXPERIMENTS/ *BIOGENIC AMINES,
analysis/ BRAIN CHEMISTRY/ DOPAMINE,
analysis/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ ENGLISH
ABSTRACT/ *HYPERTHYROIDISM,
metabolism/ *HYPOTHALAMUS, analysis/
*HYPOTHYROIDISM, metabolism/ MALE/
NOREPINEPHRINE, analysis/ PITUITARY
GLAND, analysis/ RATS/ SEROTONIN,
analysis/ SOMATOTROPIN, analysis/
SPECTROPHOTOMETRY/ THYROIDECTOMY/
THYROXINE, pharmacodynamics
2932. Maruchi N, Ito K: [Reexamination of clinical
significance of hand tremor test in Basedow's disease:
Application of electric determination and its results]
Clin Endocrinol (Tokyo) 22:391-3, Mar 74 (Jap)
*ELECTRODIAGNOSIS/ FEMALE/ *FINGERS/
*GOITER, EXOPHTHALMIC, diagnosis/
HUMAN/ MALE/ *TREMOR
2933. Marver D, Goodman D, Edelman IS: Relationships
between renal cytoplasmic and nuclear
aldosterone-receptors. Kidney Int 1:210-23, Apr 72
*ALDOSTERONE, metabolism/ ANIMAL
EXPERIMENTS/ BINDING SITES/ CALCIUM,
pharmacodynamics/ *CELL NUCLEUS,
metabolism/ CENTRIFUGATION, DENSITY
GRADIENT/ CHROMATIN, metabolism/
*CYTOSOL, metabolism/
DEOXYRIBONUCLEASE, pharmacodynamics/
DESOXYCORTICOSTERONE, metabolism/ DNA,
physiology/ IMMUNE SERUMS/ KIDNEY,
cytology/ *KIDNEY, metabolism/ MALE/
POTASSIUM CHLORIDE, pharmacodynamics/
PROTEIN BINDING/ *RECEPTORS, DRUG/
RIBONUCLEASE, pharmacodynamics/
TEMPERATURE/ TIME FACTORS/ TRITIUM
2934. Marver D, Stewart J, Funder JW, et al: Renal
aldosterone receptors: studies with (3H)aldosterone
and the anti-mineralocorticoid (3H)spiro lactone
(SC-26304). Proc Natl Acad Sci USA 71:1431-5, Apr 74
ADRENALECTOMY/ ALDOSTERONE,
antagonists & inhibitors/ *ALDOSTERONE,
metabolism/ ANIMAL EXPERIMENTS/
BINDING, COMPETITIVE/ BINDING SITES/
BINDING SITES, drug effects/ CELL
FRACTIONATION/ CELL NUCLEUS,
metabolism/ CENTRIFUGATION, DENSITY
GRADIENT/ CYTOPLASM, metabolism/ IN
VITRO/ KIDNEY, cytology/ KIDNEY, drug
effects/ *KIDNEY, metabolism/ KIDNEY
FUNCTION TESTS/ LACTONES,
pharmacodynamics/ PROTEIN BINDING/
RATS/ *RECEPTORS, HORMONE,
drug effects/ *SPIRO COMPOUNDS,
pharmacodynamics/ TRITIUM
2935. (Mary of Bologna), O'Neill YV: Michael Scot and Mary
of Bologna: an addendum. Clio Med 9:125-9, Jun 74
*ABORTION, MISSED, history/ *FAMOUS
PERSONS/ FEMALE/ *GYNECOLOGY, history/
HISTORICAL ARTICLE/ HISTORICAL
BIOGRAPHY/ HUMAN/ *HYDATIDIFORM
MOLE, history/ ITALY/ MANUSCRIPTS/
NOMENCLATURE/ *OBSTETRICS, history
2936. (Mary of Bologna), O'Neill YV: Michael Scot and Mary
of Bologna. A medieval gynecological puzzle.
Clio Med 8:87-111, Jun 73
*ABORTION, MISSED, history/ *FAMOUS
PERSONS/ FEMALE/ *GYNECOLOGY, history/
HISTORICAL ARTICLE/ HISTORICAL
BIOGRAPHY/ HUMAN/ *HYDATIDIFORM
MOLE, history/ ITALY/ MANUSCRIPTS/
*OBSTETRICS, history
2937. Masiak SJ, LeFevre FG: Effects of membrane steroid
modification on human erythrocyte glucose transport.
Arch Biochem Biophys 162:442-7, Jun 74
BIOLOGICAL TRANSPORT, ACTIVE/ *BLOOD
SUGAR, metabolism/ CELL MEMBRANE, drug
effects/ CELL MEMBRANE, metabolism/
CHOLESTANES, pharmacodynamics/
CHOLESTENES, pharmacodynamics/
*CHOLESTEROL, pharmacodynamics/
CHROMATOGRAPHY/ CHROMATOGRAPHY,
GAS/ COMPARATIVE STUDY/ ERGOSTEROL,
pharmacodynamics/ ERYTHROCYTES, cytology/
ERYTHROCYTES, drug effects/
*ERYTHROCYTES, metabolism/ HUMAN/
KETOSTEROIDS, pharmacodynamics/
KINETICS/ LECITHINS, pharmacodynamics/
PLANTS/ SILICA/ ULTRASONICS
2938. Mason AS: Pituitary tumours.
Can J Surg 17:142-6, May 74
ADENOMA, classification/ *ADENOMA,
diagnosis/ ADENOMA, pathology/ ADENOMA,
radiography/ ADENOMA, CHROMOPHOBE,
diagnosis/ ADENOMA, CHROMOPHOBE,
pathology/ AGED/ CORTICOTROPIN,
secretion/ CORTICOTROPIN RELEASING
HORMONE, secretion/
CRANIOPHARYNGIOMA, diagnosis/
CRANIOPHARYNGIOMA, pathology/
CRANIOPHARYNGIOMA, radiography/
FEMALE/ FSH, urine/ HUMAN/
MICROSCOPY, ELECTRON/ PITUITARY
NEOPLASMS, classification/ *PITUITARY
NEOPLASMS, diagnosis/ PITUITARY
NEOPLASMS, pathology/ PITUITARY
NEOPLASMS, radiography/ SKIN
MANIFESTATIONS
2939. Mason JW: The integrative approach in
medicine—implications of neuroendocrine
mechanisms. Perspect Biol Med 17:333-47, Spring 74
ADRENAL CORTX HORMONES, blood/
ANIMAL EXPERIMENTS/ AUTONOMIC
NERVOUS SYSTEM, physiology/ BRAIN,
physiology/ COLD/ DEFENSE MECHANISMS/

AUTHOR SECTION

- EPINEPHRINE, blood/ HEAT/ HOMEOSTASIS/
INSULIN, physiology/ MACACA/ MODELS,
NEUROLOGIC/ MODELS, PSYCHOLOGICAL/
MONKEYS/ *NEUROSECRETORY SYSTEMS,
physiology/ NOREPINEPHRINE, blood/
STRESS, physiopathology
2940. Mason ST, Iverson SD: Learning impairment in rats after 6-hydroxydopamine-induced depletion of brain catecholamines. *Nature* 248:697-8, 19 Apr 74
ANIMAL EXPERIMENTS/ *BEHAVIOR,
ANIMAL, drug effects/ BRAIN, drug effects/
*BRAIN CHEMISTRY, drug effects/
CEREBRAL CORTEX, enzymology/
CONDITIONING, OPERANT, drug effects/
CORPUS STRIATUM, enzymology/
*DOPAMINE, metabolism/ FEEDING
BEHAVIOR/ *HYDROXYDOPAMINE,
pharmacodynamics/ HYPOTHALAMUS,
enzymology/ *LEARNING, drug effects/
MALE/ MOTOR ACTIVITY, drug effects/
*NOREPINEPHRINE, metabolism/ PROBLEM
SOLVING, drug effects/ RATS/ TYROSINE
HYDROXYLASE, metabolism
2941. Massarrat S: Breakdown of nonmitochondrial aspartate transaminase from pig heart in piglets.
Res Exp Med (Berl) 162:257-66, 1974
ANIMAL EXPERIMENTS/ ANIMALS,
NEWBORN/ *ASPARTATE
AMINOTRANSFERASE, metabolism/
CENTRIFUGATION, DENSITY GRADIENT/
INTESTINES, enzymology/ INTESTINES,
metabolism/ IODINE, administration & dosage/
IODINE RADIOISOTOPES/ KIDNEY CORTEX,
enzymology/ KIDNEY CORTEX, metabolism/
LIVER, enzymology/ LIVER, metabolism/
LYMPH NODES, enzymology/ LYMPH NODES,
metabolism/ MITOCHONDRIA, LIVER,
enzymology/ MUSCLES, enzymology/
MUSCLES, metabolism/ *MYOCARDIUM,
enzymology/ PROTEIN BINDING/ SKIN,
enzymology/ SKIN, metabolism/ *SWINE
2942. Massicotte P, Tétreault L: Evaluation de la méthyl-prednisolone dans le traitement des laryngites aiguës de l'enfant.
Union Med Can 102:2064-72, Oct 73 (Fre)
ACUTE DISEASE/ ADMINISTRATION, ORAL/
AGE FACTORS/ ANOXIA, etiology/
CLINICAL RESEARCH/ COUGH, etiology/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
LARYNGITIS, diagnosis/ *LARYNGITIS, drug
therapy/ MALE/ METHYLPREDNISOLONE,
administration & dosage/
*METHYLPREDNISOLONE, therapeutic use/
PLACEBOS/ SEX FACTORS/ TIME FACTORS
2943. Massion WH: Refractory hypotension: mechanism and prevention.
Int Anesthesiol Clin 12:223-37, Spring 74 (15 ref.)
ADENOSINE TRIPHOSPHATE, metabolism/
ADENOSINE TRIPHOSPHATE, physiology/
ADRENAL CORTEX HORMONES, therapeutic
use/ ANESTHESIA/ ANOXIA, metabolism/
BLOOD TRANSFUSION, adverse effects/
CELLS, metabolism/ DISSEMINATED
INTRAVASCULAR COAGULATION,
complications/ GLUCOSE, therapeutic use/
GLYCOLYSIS/ HUMAN/ *HYPOTENSION,
etiology/ INTESTINAL MUCOSA,
physiopathology/ KALLIKREIN, physiology/
KALLIKREIN-TRYPSIN INACTIVATOR,
therapeutic use/ KININS, metabolism/
KININS, physiology/ KREBS CYCLE/
MICROCIRCULATION/ MYOCARDIUM,
metabolism/ OXIDATIVE
PHOSPHORYLATION/ PYRUVATES,
metabolism/ REVIEW/ *SHOCK,
HEMORRHAGIC, complications/ SHOCK,
HEMORRHAGIC, drug therapy/ SHOCK,
HEMORRHAGIC, physiopathology/ TRYPSIN,
physiology
2944. Massry SG: Divalent ions in renal failure. Introduction.
Kidney Int 4:71-2, Aug 73
CALCIUM, metabolism/ COLLAGEN,
metabolism/ HUMAN/
HYPERPARATHYROIDISM, SECONDARY,
etiology/ *KIDNEY FAILURE, CHRONIC,
complications/ KIDNEY FAILURE, CHRONIC,
metabolism/ PARATHYROID HORMONE,
metabolism/ PHOSPHORUS, metabolism/
*RENAL OSTEODYSTROPHY, etiology/
RENAL OSTEODYSTROPHY, metabolism/
RENAL OSTEODYSTROPHY, therapy/
UREMIA, drug therapy/ UREMIA, metabolism/
VITAMIN D, metabolism/ VITAMIN D,
therapeutic use
2945. Masur J, Czeresnia S, Skitnevsky H, et al: Brain amine levels and competitive behavior between rats in a straight runway.
Pharmacol Biochem Behav 2:55-62, Jan-Feb 74
ANIMAL EXPERIMENTS/ BEHAVIOR,
ANIMAL/ *BIOGENIC AMINES, metabolism/
*BRAIN, metabolism/ BRAIN CHEMISTRY,
drug effects/ CATECHOLAMINES, metabolism/
*COMPETITIVE BEHAVIOR, drug effects/
DISULFIDES, pharmacodynamics/ DOPA,
pharmacodynamics/ DOPAMINE, metabolism/
IMIDAZOLES, pharmacodynamics/ MALE/
METHYLTYROSINES, pharmacodynamics/
MUSCLE TONUS, drug effects/
NOREPINEPHRINE, metabolism/ RATS/
SEROTONIN, metabolism/ TRYPTOPHAN,
pharmacodynamics
2946. Mathur AK, Ramanathan R, Misra UK: Effect of feeding excess of vitamin A and vitamin C on liver, plasma and adrenal lipids of rats.
Int J Vitam Nutr Res 44:19-25, 1974
ADIPOSE TISSUE, metabolism/ ADRENAL
GLANDS, drug effects/ *ADRENAL GLANDS,
metabolism/ ANIMAL EXPERIMENTS/
ASCORBIC ACID, administration & dosage/
*ASCORBIC ACID, pharmacodynamics/ BODY
WEIGHT/ CHOLESTEROL, metabolism/
FATTY ACIDS, NONESTERIFIED, blood/
FEMALE/ GLYCERIN, metabolism/ LIPIDS,
blood/ *LIPIDS, metabolism/ LIVER, drug
effects/ *LIVER, metabolism/ ORGAN
WEIGHT/ PHOSPHOLIPIDS, metabolism/
*VITAMIN A, pharmacodynamics
2947. Mathur PN, Singh PP, Rathore AS, et al: Gastric acidity uropepsin and urinary 17-ketosteroids in burns.
Indian J Med Res 61:1618-24, Nov 73
*BURNS, metabolism/ BURNS, urine/
*GASTRIC JUICE/ HUMAN/
*17-KETOSTEROIDS, urine/ OCCULT BLOOD/
*UROPEPSIN, urine
2948. Mati JK, Mugambi M, Muriuki PB, et al: An inhibitory action of prolactin on isolated rabbit myometrium.
East Afr Med J 51:228-31, Feb 74
ANIMAL EXPERIMENTS/ CORPUS LUTEUM,
physiology/ MUSCLE CONTRACTION, drug
effects/ MUSCLE, SMOOTH, drug effects/
OXYTOCIN, antagonists & inhibitors/
PLACENTA, physiology/ PROGESTERONE,
physiology/ *PROLACTIN, pharmacodynamics/
SHEEP/ *UTERUS, drug effects
2949. Mato JM, Serrano-Ríos M: Protein binding of 3',5'-adenosine cyclic monophosphate acid.
Rev Esp Fisiol 29:233-8, Sept 73
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE, blood/
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
urine/ ADENOSINE TRIPHOSPHATE, analysis/
ADRENAL GLANDS/ ANIMAL
EXPERIMENTS/ CATTLE/ CHARCOAL/
CROSS REACTIONS/ GUANOSINE
TRIPHOSPHATE, analysis/ METHODS/
*PROTEIN BINDING/ PROTEINS, isolation &
purification/ TIME FACTORS/ TRITIUM
2950. Matschiner JT, Willingham AK: Influence of sex hormones on vitamin K deficiency and epoxidation of vitamin K in the rat. *J Nutr* 104:660-5, Jun 74
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ CASTRATION/ DDT,
pharmacodynamics/ ESTRADIOL,
pharmacodynamics/ ETHERS, CYCLIC/
ETHERS, CYCLIC, metabolism/ FEMALE/
HYDROLASES, metabolism/ MALE/
METHYLCHOLANTHRENE, pharmacodynamics/
MICROSOMES, LIVER, enzymology/

AUTHOR SECTION

- OXIDOREDUCTASES, metabolism/
PHENOBARBITAL, pharmacodynamics/
PHYTONADIONE/ *PHYTONADIONE,
metabolism/ PROGESTERONE,
pharmacodynamics/ PROTHROMBIN,
metabolism/ RATS/ SEX FACTORS/ *SEX
HORMONES, pharmacodynamics/
TESTOSTERONE, pharmacodynamics/ TIME
FACTORS/ VITAMIN K DEFICIENCY,
enzymology/ *VITAMIN K DEFICIENCY,
metabolism
2951. Matsuba M: Proceedings: Hormone-like substances:
expansion of the concept of "hormone".
Jap J Pharmacol 24:Suppl:19, 1974
*HORMONES
2952. Matsubayashi K: Seasonal variation in urinary
17-oxosteroids and seminal fructose in male Japanese
macaque monkeys (*Macaca fuscata fuscata*).
Lab Anim 8:253-5, May 74
EJACULATION/ *FRUCTOSE, analysis/
HOUSING, ANIMAL/ JAPAN/
*17-KETOSTEROIDS, urine/ *MACACA,
physiology/ SEASONS/ *SEMEN, analysis
2953. Matsuda M, Nakao H: [Proceedings: 319. Delay effect in
switch-off behavior and brain lesions in cats (author's
transl.) J Physiol Soc Jap 35:516-7, Aug-Sep 73 (Jap)
ANIMAL EXPERIMENTS/ *BRAIN, physiology/
HYPOTHALAMUS, physiology/ *LEARNING/
REACTION TIME/ REINFORCEMENT
(PSYCHOLOGY)
2954. Matsukura S, Sakamoto N, Tada H: [Adrenal
insufficiency (acute and chronic stages)]
Clin Endocrinol (Tokyo) 22:38-41, Jan 74 (Jap)
ACUTE DISEASE/ ADDISON'S DISEASE, drug
therapy/ ADRENAL CORTEX HORMONES,
therapeutic use/ *ADRENAL GLAND
HYPOFUNCTION, drug therapy/ CHRONIC
DISEASE/ HUMAN
2955. Matsumoto M, Morimasa T, Takeuchi H, et al: Amounts
of inorganic ions and free amino acids in hemolymph
and ganglion of the African giant snail, *Achatina fulica*
Ferussac.
Comp Biochem Physiol [A] 48:465-70, 1 Jul 74
*AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ CALCIUM, metabolism/
CARBONATES, metabolism/ CHLORIDES,
metabolism/ CHROMATOGRAPHY, ION
EXCHANGE/ COMPARATIVE STUDY/
COPPER, metabolism/ *GANGLIA, metabolism/
*HEMOLYMPH, metabolism/ HYDROGEN-ION
CONCENTRATION/ MAGNESIUM, metabolism/
PHOSPHATES, metabolism/ PHOTOMETRY/
POTASSIUM, metabolism/ *SNAILS,
metabolism/ SODIUM, metabolism/
SPECTROPHOTOMETRY/
SPECTROPHOTOMETRY, ATOMIC
ABSORPTION/ STARVATION, metabolism/
SULFATES, metabolism/ ZINC, metabolism
2956. Matsumoto Y, Waku M: [Retained testis]
Clin Endocrinol (Tokyo) 22:154-6, Jan 74 (Jap)
CASTRATION/ CHILD, PRESCHOOL/
*CRYPTORCHISM, therapy/ HUMAN/ MALE
2957. Matsuyama S, Oki Y, Yokoki Y: Obesity induced by
monosodium glutamate in mice.
Natl Inst Anim Health Q (Tokyo) 13:91-101, Summer
73
ANIMAL EXPERIMENTS/ FEMALE/
*GLUTAMATES/ GLUTAMATES,
pharmacodynamics/ GROWTH, drug effects/
MALE/ MESENTERY, pathology/ *OBESITY,
chemically induced/ OBESITY, pathology/
OVARY, pathology/ TESTIS, pathology
2958. Matsuzaki F: [Chemical aspects and function of
prolactin]
Clin Endocrinol (Tokyo) 22:323-31, Mar 74 (30 ref.)
(Jap)
AMINO ACID SEQUENCE/ ANIMAL
EXPERIMENTS/ CHEMISTRY/ EVOLUTION/
HUMAN/ MAMMAE, drug effects/
PROLACTIN, isolation & purification/
PROLACTIN, pharmacodynamics/
PROLACTIN, physiology/ REVIEW
2959. Matthews BW, Weaver LH: Binding of lanthanide ions
to thermolysin. Biochemistry 13:1719-25, 9 Apr 74
BINDING SITES/ CALCIUM, metabolism/
CHEMISTRY/ CRYSTALLIZATION/
DYSPROSIUM, metabolism/ ERBIUM,
metabolism/ EUROPIUM, metabolism/
FOURIER ANALYSIS/ GADOLINIUM,
metabolism/ HOLMIUM, metabolism/
*LANTHANUM, metabolism/ LUTETIUM,
metabolism/ *METALS, metabolism/
NEODYMIUM, metabolism/ PROTEIN
BINDING/ SAMARIUM, metabolism/
TERBIUM, metabolism/ *THERMOLYSIN,
metabolism/ X-RAY DIFFRACTION
2960. Matuchansky C, Bernier JJ: Prostaglandines et appareil
digestif.
Biol Gastroenterol (Paris) 6:251-68, 1973 (186 ref.)
(Fre)
ANIMAL EXPERIMENTS/ ENGLISH
ABSTRACT/ ESOPHAGUS, drug effects/
GASTRIC JUICE, secretion/
GASTROINTESTINAL MOTILITY,
drug effects/ GASTROINTESTINAL SYSTEM,
drug effects/ *GASTROINTESTINAL SYSTEM,
metabolism/ HUMAN/ INSULIN, secretion/
INTESTINAL ABSORPTION/ LIVER, drug
effects/ MUSCLE, SMOOTH/ PANCREAS, drug
effects/ PROSTAGLANDINS, biosynthesis/
*PROSTAGLANDINS, isolation & purification/
PROSTAGLANDINS, metabolism/
PROSTAGLANDINS, pharmacodynamics/
PROSTAGLANDINS, physiology/ REGIONAL
BLOOD FLOW/ REVIEW/ STOMACH,
secretion/ WATER-ELECTROLYTE BALANCE
2961. Matuszewski W, Kamiński K, Waroński W: Wartość
oznaczania aktywności monoaminooksydazy w
zaburzeniach hormonalnych u kobiet.
Ginek Pol 45:609-12, May 74
AGE FACTORS/ ENDOCRINE DISEASES,
diagnosis/ ENDOCRINE DISEASES,
enzymology/ ENGLISH ABSTRACT/ *ENZYME
TESTS/ FEMALE/ HUMAN/ *MONOAMINE
OXIDASE, blood/ PREGNANCY/ SEX
FACTORS/ SEX HORMONES, blood
2962. Matveev AA: Rezul'taty izuchenia vydelenia
kortikosteroidov pri belezni Botkina metodom
vnutrivennogo vvedeniia radioaktivnogo izotopa
glikokortizona-4-C14.
Ter Arkh 46:103-7, 1974
(Rus)
ADRENAL GLANDS, physiopathology/ ADULT/
AGED/ CARBON RADIOISOTOPES,
administration & dosage/ *CARBON
RADIOISOTOPES, diagnostic use/ ENGLISH
ABSTRACT/ FEMALE/ *GLUCOCORTICOIDS,
urine/ *HEPATITIS, infectious,
physiopathology/ HEPATITIS, infectious,
urine/ HUMAN/ HYDROCORTISONE,
administration & dosage/ *HYDROCORTISONE,
diagnostic use/ INJECTIONS, INTRAVENOUS/
MALE/ MIDDLE AGE
2963. Matz K, Götze W, Koperska K, et al: Auswirkungen von
Nebacetin und Nebacetin-Dexamethason auf das
Kelmwachstum im Wurzelkanal.
Infection 2:37-9, 1974
(Ger)
AMPICILLIN, pharmacodynamics/
*BACITRACIN, therapeutic use/ *BACTERIAL
INFECTIONS, drug therapy/ CARBENICILLIN,
pharmacodynamics/ CEPHALEXIN,
pharmacodynamics/ CEPHALORIDINE,
pharmacodynamics/ CHLORAMPHENICOL,
pharmacodynamics/ COLISTIN,
pharmacodynamics/ *DEXAMETHASONE,
therapeutic use/ DICLOXACILLIN,
pharmacodynamics/ DRUG RESISTANCE,
MICROBIAL/ ENGLISH ABSTRACT/
ENTEROBACTERIACEAE, isolation &
purification/ ENTEROBACTERIACEAE
INFECTIONS, drug therapy/ GENTAMICIN,
pharmacodynamics/ HUMAN/ MICROBIAL
SENSITIVITY TESTS/ *NEOMYCIN,
therapeutic use/ PENICILLIN G,
pharmacodynamics/ *ROOT CANAL THERAPY/
STREPTOCOCCAL INFECTIONS,
drug therapy/ STREPTOCOCCUS, isolation &
purification/ TETRACYCLINE,

AUTHOR SECTION

pharmacodynamics/ *TOOTH DISEASES, drug therapy

2964. Maude MB, Anderson RE, Armstrong EJ, et al: Membrane phospholipids and hormone-sensitive lipolysis in fat cells.

Arch Biochem Biophys 161:628-31, 2 Apr 74
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CEPHALINS, metabolism/ COMPARATIVE STUDY/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DIETARY FATS/ *EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, analysis/ FATTY ACIDS, pharmacodynamics/ HYPOTHYROIDISM, chemically induced/ HYPOTHYROIDISM, metabolism/ LECITHINS, metabolism/ *LIPID MOBILIZATION, drug effects/ MALE/ PHOSPHOLIPIDS, metabolism/ *PHOSPHOLIPIDS, metabolism/ PROPYLTHIOURACIL/ SPECTROMETRY, FLUORESCENCE/ *THYROXINE, pharmacodynamics

2965. Maudlin RK: Gonadotropins in obesity? Am Fam Physician 8:202-3, Oct 73
DIET, REDUCING/ *GONADOTROPINS, CHORIONIC, therapeutic use/ GROUP PROCESSES/ HUMAN/ *OBESITY, therapy

2966. Mäusele E: Electron-microscopic studies of infectious adrenal cortical hemorrhages in rats.

Beltr Pathol 151:179-99, Feb 74
ADRENAL GLAND DISEASES, etiology/ *ADRENAL GLAND DISEASES, pathology/ ANIMAL EXPERIMENTS/ *BOTULINUM TOXIN/ BOTULISM, complications/ *BOTULISM, pathology/ CAPILLARY PERMEABILITY/ DYSENTERY, BACILLARY, complications/ *DYSENTERY, BACILLARY, pathology/ FIBRIN, biosynthesis/ HEMORRHAGE, etiology/ *HEMORRHAGE, pathology/ MALE/ MONOCYTES/ PLATELET ADHESIVENESS/ RATS/ SALMONELLA INFECTIONS, complications/ *SALMONELLA INFECTIONS, pathology/ *SALMONELLA TYPHIMURIUM/ *SHIGELLA DYSENTERIAE

2967. Mäusele E: Histological, histochemical and electron microscopic studies on effects of diphtheria toxin on the adrenals of guinea pigs.

Beltr Pathol 151:248-67, Mar 74
*ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ *DIPHThERIA TOXIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENDOTHELIUM, drug effects/ ENDOTHELIUM, pathology/ ESTERASES, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GOLGI APPARATUS, drug effects/ GOLGI APPARATUS, pathology/ HISTOCYTOCHEMISTRY/ HYDROXYSTEROID DEHYDROGENASES, metabolism/ LIPOAMIDE DEHYDROGENASE, metabolism/ MALE/ MICROSCOPY, ELECTRON/ NADP/ NAPHTHOLS/ RIBOSOMES, drug effects/ TIME FACTORS

2968. Mäusele E: Ultrastructure and function of the mesenchyme of the rat adrenal cortex.

Beltr Pathol 151:344-60, Apr 74
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ COLLAGEN/ CORTICOTROPIN, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ EPITHELIAL CELLS, drug effects/ FIBROBLASTS, drug effects/ GERM LAYERS, drug effects/ *GERM LAYERS, pathology/ MACROPHAGES, drug effects/ MALE/ STIMULATION, CHEMICAL

2969. Mauss J, Börsch G: Clomiphene citrate stimulation in male sub- and infertility monitored by simple immunochemical assays for FSH and LH in unconcentrated urine.

Horm Metab Res 6:171-2, Mar 74
ADULT/ CITRATES/ *CLOMIPHENE, diagnostic use/ *FSH, urine/

HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ *LH, urine/ MALE/ STERILITY, MALE, diagnosis/ *STERILITY, MALE, urine/ TIME FACTORS

2970. Mauvais-Jarvis P, Kuttann F: Les mastopathies bénignes pathologie méconnue.

Nouv Presse Med 3:993-4, 20 Apr 74 (Fre)
AGE FACTORS/ *BREAST DISEASES, etiology/ ESTROGENS, physiology/ ESTROGENS, secretion/ FEMALE/ HUMAN/ PROGESTERONE, physiology/ PROGESTERONE, secretion

2971. Mauvais-Jarvis P, Kuttann F, Ohlgieser C: Résultats du traitement de mastodynies et de mastopathies par la progestérone percutanée.

Nouv Presse Med 3:1027-8, 20 Apr 74 (Fre)
ADMINISTRATION, TOPICAL/ *BREAST DISEASES, drug therapy/ CYSTS, drug therapy/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MENSTRUATION DISORDERS, chemically induced/ PAIN, drug therapy/ PROGESTERONE, adverse effects/ *PROGESTERONE, therapeutic use/ SKIN ABSORPTION

2972. Mawdesley-Thomas LE, Newman AJ: Some observations on spontaneously occurring tumours of the central nervous system of Sprague-Dawley derived rats. J Pathol 112:107-16, Feb 74

ADENOMA, CHROMOPHOBE, occurrence/ ADENOMA, CHROMOPHOBE, veterinary/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ASTROCYTOMA, occurrence/ ASTROCYTOMA, veterinary/ *BRAIN DISEASES, veterinary/ BRAIN NEOPLASMS, occurrence/ GLIOBLASTOMA MULTIFORME, occurrence/ GLIOBLASTOMA MULTIFORME, veterinary/ MENINGIOMA, occurrence/ MENINGIOMA, veterinary/ PITUITARY NEOPLASMS, occurrence/ PITUITARY NEOPLASMS, veterinary/ *RATS/ *RODENT DISEASES, occurrence/ SARCOMA, RETICULUM CELL, occurrence/ SARCOMA, RETICULUM CELL, veterinary/ SPINAL CORD NEOPLASMS, occurrence/ SPINAL CORD NEOPLASMS, veterinary

2973. Mawhinney MG, Schwartz FL, Thomas JA, et al: Androgen assimilation by normal and hyperplastic dog prostate glands. Invest Urol 12:17-22, Jul 74

ANDROSTENEDIONE, metabolism/ ANDROSTENOLS, metabolism/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ CELL MEMBRANE, metabolism/ CHROMATOGRAPHY, THIN LAYER/ ESTRADIOL, metabolism/ HISTOCYTOCHEMISTRY/ IN VITRO/ MALE/ NADP, pharmacodynamics/ PROGESTERONE, metabolism/ *PROSTATE, metabolism/ *PROSTATIC HYPERTROPHY, metabolism/ STANOLONE, metabolism/ STIMULATION, CHEMICAL/ TESTOSTERONE, isolation & purification/ *TESTOSTERONE, metabolism/ TIME FACTORS/ TRITIUM

2974. May JD, Kubena LF, Deaton JW: Thyroid metabolism of chickens. 2. Estimation of thyroxine half-life in plasma. Poult Sci 53:687-91, Mar 74

ANIMAL EXPERIMENTS/ *CHICKENS, metabolism/ ENVIRONMENTAL EXPOSURE/ HALF-LIFE/ IODINE RADIOISOTOPES/ METHODS/ TEMPERATURE/ *THYROID GLAND, metabolism/ *THYROXINE, blood/ TIME FACTORS

2975. May F, Sanders FJ, Donabedian RK: Comparative responsiveness of euthyroid and hypothyroid rat pituitary tissue to thyrotropin releasing hormone in vitro. Experientia 30:433-4, 15 Apr 74

ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HYPOTHYROIDISM, etiology/ *HYPOTHYROIDISM, physiopathology/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, physiology/ PITUITARY GLAND, secretion/ RADIOIMMUNOASSAY/ *THYROID GLAND,

AUTHOR SECTION

- physiology/ THYROIDECTOMY/
*THYROTROPIN RELEASING HORMONE,
pharmacodynamics/ THYROTROPIN
RELEASING HORMONE, physiology/
THYROTROPIN RELEASING HORMONE,
secretion/ TIME FACTORS
2976. Mayahara T, Maruyama I, Hiratsuka K, et al:
Proceedings: Influence of quinoline derivatives on
calcium binding and release by skeletal muscle
sarcolemmal reticulum.
Jap J Pharmacol 24:Suppl:113, 1974
ANIMAL EXPERIMENTS/ *CALCIUM,
metabolism/ IN VITRO/ MUSCLES,
metabolism/ *QUINOLINES, pharmacodynamics/
*SARCOPLASMIC RETICULUM, metabolism
2977. Mayr A, Danner K: Züchtung und Titrierung von
Borna-Virus in Zellkulturen aus Organen fötaler
Lämmer.
Zentralbl Veterinärmed [B] 21:131-7, Mar 74 (Ger)
ANIMAL EXPERIMENTS/ *ARBOVIRUS,
growth & development/ *BORNA DISEASE,
microbiology/ BRAIN/ CELLS, CULTURED/
ENGLISH ABSTRACT/ FEMALE/ FETUS/
KIDNEY/ SHEEP/ SKIN/ TESTIS/ *VIRUS
CULTIVATION
2978. Mays ET, Christopherson WM, Barrows GH: Focal
nodular hyperplasia of the liver. Possible relationship
to oral contraceptives.
Am J Clin Pathol 61:735-46, Jun 74
ADULT/ *CONTRACEPTIVES, ORAL, adverse
effects/ FEMALE/ HEMATOMA, chemically
induced/ HEMATOMA, pathology/
*HEPATITIS, TOXIC, pathology/ HEPATOMA,
chemically induced/ HUMAN/ HYPERPLASIA,
pathology/ *LIVER, drug effects/ *LIVER,
pathology/ LIVER CIRCULATION/ LIVER
NEOPLASMS, chemically induced
2979. Mazhuga PM, Vecherskaya TF: Sposob
kombinirovannogo okrashtvaniya kletochnykh i
tkanevykh struktur na gistolicheskiye srezakh
kostno-khryashchevof tkani.
Tsitol Genet 8:160-1, Mar 74 (Rus)
*BONE AND BONES, cytology/ *CARTILAGE,
cytology/ ENGLISH ABSTRACT/ METHODS/
*STAINS AND STAINING
2980. Masumdar SK, Saenger W: Molecular structure of
poly-2-thiouridylic acid, a double helix with
non-equivalent polynucleotide chains.
J Mol Biol 85:213-9, 15 May 74
BASE SEQUENCE/ BINDING SITES/ MODELS,
STRUCTURAL/ MOLECULAR
CONFORMATION/ NUCLEIC ACID
CONFORMATION/ *POLY U/ RNA,
TRANSFER/ *THIOURACIL/ X-RAY
DIFFRACTION
2981. Mazurov VI: Soderzhanie somatotropnogo gormona v
syvorotke krovi bol'nykh leikozami,
limfogranulematozom i anemiyami.
Probl Gematol Pereliv Krovi 19:42-7, Mar 74 (Rus)
ACUTE DISEASE/ *ANEMIA, blood/
*HODGKIN'S DISEASE, blood/ HUMAN/
*LEUKEMIA, blood/ LEUKEMIA,
MYELOCYTIC, blood/ POLYCYTHEMIA,
blood/ *SOMATOTROPIN, blood
2982. Mazze RI, Cousins MJ, Barr GA: Renal effects and
metabolism of Isoflurane in man.
Anesthesiology 40:536-42, Jun 74
ADULT/ AGED/ *ANESTHESIA,
INHALATION/ *ANESTHETICS,
pharmacodynamics/ BIOTRANSFORMATION/
DOSE-RESPONSE RELATIONSHIP, DRUG/
ETHERS, metabolism/ *ETHERS,
pharmacodynamics/ FLUORIDES, metabolism/
GLOMERULAR FILTRATION RATE/
HALOTHANE, metabolism/ HALOTHANE,
pharmacodynamics/ HUMAN/
HYDROCARBONS, FLUORINATED,
metabolism/ HYDROCARBONS,
FLUORINATED, pharmacodynamics/ KIDNEY,
blood supply/ *KIDNEY, drug effects/
KIDNEY, physiology/ MALE/
METHOXYFLURANE, metabolism/
METHOXYFLURANE, pharmacodynamics
- MIDDLE AGE/ REGIONAL BLOOD FLOW,
drug effects/ URINE/ VASOPRESSIN,
pharmacodynamics
2983. Medvedishvili GI: Patogeneza angiospazma.
Patol Fiziol Eksp Ter 10:6-15, May 74 (68 ref.) (Rus)
ANIMAL EXPERIMENTS/ ARTERIES, drug
effects/ ARTERIES, physiopathology/
BIOMECHANICS/ BLOOD CIRCULATION/
CATECHOLAMINES, physiology/ CELL
MEMBRANE, physiology/ CYTOPLASM,
physiology/ DISEASE MODELS, ANIMAL/
HUMAN/ MUSCLE CONTRACTION/ MUSCLE
PROTEINS, physiology/ RAYNAUD'S DISEASE,
physiopathology/ REVIEW/ SEROTONIN,
physiology/ SPASM, diagnosis/ *SPASM,
etiology/ SPASM, physiopathology/ VASCULAR
DISEASES, diagnosis/ *VASCULAR DISEASES,
etiology/ VASCULAR DISEASES,
physiopathology/ VASCULAR RESISTANCE
2984. Means BJ, Lamy PP: Diagnostic tests, drugs, and the
geriatric patient. J Am Geriatr Soc 22:258-63, Jun 74
AGED/ AGING/ ANGIOCARDIOGRAPHY/
BARIUM SULFATE, diagnostic use/ CELLS,
metabolism/ CONTRAST MEDIA, adverse
effects/ DIABETES MELLITUS, diagnosis/
*DIAGNOSIS/ *DRUGS, diagnostic use/
*GERIATRICS/ GLUCOSE TOLERANCE TEST/
HUMAN/ INJECTIONS, INTRAVENOUS/
KIDNEY, radiography/ LIVER FUNCTION
TESTS/ MASS SCREENING/ PHENTOLAMINE,
administration & dosage/ PHENTOLAMINE,
diagnostic use/ PHEOCHROMOCYTOMA,
diagnosis/ SKIN TESTS/
SULFOBROMOPHTHALEIN, diagnostic use/
TUBERCULIN TEST/ TUBERCULOSIS,
diagnosis
2985. Mecklenburg RS, Krueger PM: Extensive genitourinary
anomalies associated with Klippel-Feil syndrome.
Am J Dis Child 128:92-3, Jul 74
*ABNORMALITIES, MULTIPLE/ FALLOPIAN
TUBES, abnormalities/ FEMALE/ HUMAN/
HYMEN, abnormalities/ KIDNEY,
abnormalities/ *KLIPPEL-FEIL SYNDROME,
complications/ OVARY, abnormalities/
*UROGENITAL SYSTEM, abnormalities/
UTERUS, abnormalities/ VAGINA,
abnormalities
2986. Mecklenburg RS, Sherins RJ: Gonadotropin response to
luteinizing hormone-releasing hormone in men with
germinal aplasia.
J Clin Endocrinol Metab 38:1005-8, Jun 74
ADOLESCENCE/ ADULT/ *FSH, blood/
HUMAN/ *HYPOGONADISM, blood/ *LH,
blood/ *LH-FSH RELEASING HORMONE,
pharmacodynamics/ MALE/
RADIOIMMUNOASSAY/ *STERILITY, MALE,
blood/ SYNDROME/ *TESTIS, abnormalities
2987. Medau HJ, Dörrhöfer HH, Boese HG, et al: Einfluss
androgener Hormone auf quantitativ gemessene
Plasmaproteine.
Verh Dtsch Ges Inn Med 79:1255-8, 1973 (Ger)
*ANDROGENS, pharmacodynamics/ *BLOOD
PROTEINS, analysis/ HUMAN/ MALE/
PLACEBOS/ TESTOSTERONE,
pharmacodynamics
2988. Medeiros Neto GA de, Monteiro K, Penna M, et al: Nível
de TSH plasmático e hormônios tireoideanos
circulantes (T3 e T4) em pacientes com bócio e com
cretinismo endêmico.
Rev Assoc Med Bras 20:7-12, Jan 74 (Spa)
BRAZIL/ *CRETINISM, physiopathology/
ENGLISH ABSTRACT/ FEMALE/ *GOITER,
ENDEMIC, physiopathology/ HUMAN/ MALE/
*PITUITARY GLAND, physiopathology/
RADIOIMMUNOASSAY/ *THYROID GLAND,
physiopathology/ *THYROTROPIN, blood/
*THYROXINE, blood/ THYROXINE-BINDING
PROTEIN, analysis/ *TRIIODOTHYRONINE,
blood
2989. Medeiros Neto GA de, Turatti S: Diagnóstico
cintilográfico.
Rev Assoc Med Bras 20:51-2, Jan 74 (Por)
ADULT/ FEMALE/ HUMAN/ *RADIOISOTOPE

AUTHOR SECTION

- SCANNING/ *THYROIDITIS, LYMPHOMATOUS, diagnosis
2990. Medina A, Davies DL, Brown JJ, et al: A study of the renin-angiotensin system in the nephrotic syndrome. *Nephron* 12:233-40, 1974
ALDOSTERONE, blood/ *ANGIOTENSIN, blood/ GLOMERULONEPHRITIS, blood/ GLOMERULONEPHRITIS, pathology/ HUMAN/ KIDNEY, pathology/ MALE/ *NEPHROTIC SYNDROME, blood/ NEPHROTIC SYNDROME, pathology/ POTASSIUM, blood/ POTASSIUM, urine/ *RENIN, blood/ REST/ SERUM ALBUMIN, analysis/ SODIUM, blood/ SODIUM, urine/ TIME FACTORS
2991. Medina D: Mammary tumorigenesis in chemical carcinogen-treated mice. I. Incidence in BALB-c and C57BL mice. *J Natl Cancer Inst* 53:213-21, Jul 74
ADENOCARCINOMA, chemically induced/ ANIMAL EXPERIMENTS/ *BENZANTHRACENES/ *CARCINOGENS/ HYPERPLASIA, chemically induced/ HYPERPLASIA, pathology/ *MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MAMMARY NEOPLASMS, EXPERIMENTAL, pathology/ METAPLASIA, chemically induced/ METAPLASIA, pathology/ *METHYLCHOLANTHRENE/ *MICE, INBRED BALB C/ *MICE, INBRED C57BL/ PITUITARY GLAND, physiology/ PITUITARY GLAND, transplantation/ PRECANCEROUS CONDITIONS, chemically induced/ PRECANCEROUS CONDITIONS, pathology/ SPECIES SPECIFICITY/ TRANSPLANTATION, HOMOLOGOUS/ *URETHANE
2992. Medina D: Mammary tumorigenesis in chemical carcinogen-treated mice. II. Dependence on hormone stimulation for tumorigenesis. *J Natl Cancer Inst* 53:223-6, Jul 74
*ADENOCARCINOMA, chemically induced/ AGE FACTORS/ ANIMAL EXPERIMENTS/ *MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ *METHYLCHOLANTHRENE/ MICE, INBRED BALB C/ *PITUITARY GLAND, physiology/ PITUITARY GLAND, transplantation/ PRECANCEROUS CONDITIONS, chemically induced/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS
2993. Megyesi K, Kahn CR, Roth J, et al: Insulin and non-suppressible insulin-like activity (NSILA-s): evidence for separate plasma membrane receptor sites. *Biochem Biophys Res Commun* 57:307-15, 15 Mar 74
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ *BLOOD PROTEINS, metabolism/ *CELL MEMBRANE, metabolism/ COMPARATIVE STUDY/ GEL FILTRATION/ *INSULIN, metabolism/ INSULIN ANTIBODIES/ IODINE RADIOISOTOPES/ LIVER, cytology/ LIVER, metabolism/ LYMPHOCYTES, cytology/ LYMPHOCYTES, metabolism/ ORGAN SPECIFICITY/ PROINSULIN/ PROTEIN BINDING/ RATS/ *RECEPTORS, DRUG/ *RECEPTORS, HORMONE/ SWINE
2994. Mehring W: Zum Problem der Riesenovarialkystome. *Geburtshilfe Frauenheilkd* 34:195-7, Mar 74 (Ger)
ASCITES, surgery/ ASCITIC FLUID/ *CYSTADENOMA, MUCINOUS, diagnosis/ CYSTADENOMA, MUCINOUS, surgery/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ ORGAN WEIGHT/ OVARIAN CYSTS, diagnosis/ *OVARIAN NEOPLASMS, diagnosis/ OVARIAN NEOPLASMS, surgery/ OVARY
2995. Mehrotra TN, Das P, Gupta SC, et al: Orchidoblastoma of testis. *Indian J Pathol Bacteriol* 16:70-4, Jul 73
CASE REPORT/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ MALE/ *TERATOID TUMOR, pathology/ *TESTICULAR NEOPLASMS, pathology/ TESTIS, pathology
2996. Meinhold H, Wenzel KW: Radioimmunoassay of thyroxine in unextracted serum. *Horm Metab Res* 6:169-70, Mar 74
ANILINO NAPHTHALENESULFONATES/ BINDING, COMPETITIVE/ BINDING SITES/ CATTLE/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ HUMAN/ IODINE RADIOISOTOPES/ METHODS/ OVALBUMIN/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ RADIOLIGAND ASSAY/ SERUM ALBUMIN/ SERUM ALBUMIN, BOVINE/ *THYROXINE, blood/ TRIIODOTHYRONINE, blood
2997. Melsami E, Timiras PS: Influence of early visual deprivation on regional activity of brain ATPases in developing rats. *J Neurochem* 22:725-9, May 74
*ADENOSINE TRIPHOSPHATASE, metabolism/ AGING/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BRAIN, enzymology/ BRAIN, growth & development/ CEREBELLUM, enzymology/ CEREBRAL CORTEX, enzymology/ COMPARATIVE STUDY/ *DARKNESS/ HYPOTHALAMUS, enzymology/ INFERIOR COLICULUS, enzymology/ LIGHT/ MAGNESIUM/ MALE/ ORGAN SPECIFICITY/ POTASSIUM/ SODIUM/ SUPERIOR COLICULUS, enzymology/ TIME FACTORS/ *VISION/ VISUAL CORTEX, enzymology
2998. Melss L, Djandji V, Raute M, et al: Zur Therapie des Mammakarzinoms. Chirurgische, radiologische und hormonelle Therapie bei einer Patientin mit metastasierendem Mammakarzinom. Klinischer Verlauf unter Berücksichtigung präterminaler Immunglobulin- und Komplementveränderungen. *Fortschr Med* 92:615-6, 18 May 74 (Ger)
AGED/ ANDROGENS, therapeutic use/ *BREAST NEOPLASMS/ BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, immunology/ BREAST NEOPLASMS, radiotherapy/ BREAST NEOPLASMS, surgery/ CASE REPORT/ *COMPLEMENT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *IMMUNOGLOBULINS/ MASTECTOMY/ *NEOPLASM METASTASIS
2999. Melssner K, Staudach A: Doppelkarzinom als Modell interdisziplinärer Zusammenarbeit. *Geburtshilfe Frauenheilkd* 34:207-8, Mar 74 (Ger)
*ADENOCARCINOMA, complications/ ADENOCARCINOMA, diagnosis/ ADENOCARCINOMA, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *NEOPLASMS, MULTIPLE PRIMARY, diagnosis/ *OVARIAN NEOPLASMS, complications/ OVARIAN NEOPLASMS, diagnosis/ OVARIAN NEOPLASMS, surgery/ *PATIENT CARE PLANNING/ POSTOPERATIVE CARE/ *RECTAL NEOPLASMS, complications/ RECTAL NEOPLASMS, diagnosis/ RECTAL NEOPLASMS, surgery
3000. Meltes J: Proceedings: Neuroendocrinology of lactation. *J Invest Dermatol* 63:119-24, Jul 74 (27 ref.)
*ADRENAL CORTEX HORMONES, physiology/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, physiology/ ERGOLINES, pharmacodynamics/ ESTRADIOL, physiology/ ESTROGENS, physiology/ FEMALE/ HUMAN/ HYPOTHALAMUS, physiology/ IN VITRO/ *LACTATION, drug effects/ MILK, secretion/ MILK, HUMAN, secretion/ PENTOBARBITAL, pharmacodynamics/ PITUITARY HORMONE RELEASING HORMONES, physiology/ PITUITARY HORMONES, physiology/ PROGESTERONE, physiology/ PROLACTIN, antagonists & inhibitors/ *PROLACTIN, physiology/ REVIEW/ SYMPATHOMIMETICS, pharmacodynamics/ THYROTROPIN, physiology/ THYROTROPIN RELEASING HORMONE, physiology/ THYROXINE, physiology
3001. Melichar M, Hybášek P, Jirková R, et al: Hodnocení aerodisperzi na zánětlivých kožních procesech. *Česk Dermatol* 49:88-95, Apr 74 (Cze)
ADMINISTRATION, TOPICAL/ AEROSOLS/ *ANABOLIC STEROIDS, administration & dosage/ *DERMATITIS, drug therapy/

AUTHOR SECTION

- ENGLISH ABSTRACT/ FEMALE/ HUMAN/
MALE/ *TRIAMCINOLONE, administration &
dosage
3002. Mellicow MM, Pulrang S: Castrati choir and opera
singers. *Urology* 3:663-70, May 74
CASTRATION/ *CASTRATION, history/
HISTORICAL ARTICLE/ HISTORY OF
MEDICINE, 16TH CENT./ HISTORY OF
MEDICINE, 17TH CENT./ HISTORY OF
MEDICINE, 18TH CENT./ HISTORY OF
MEDICINE, 19TH CENT./ HISTORY OF
MEDICINE, 20TH CENT./ HUMAN/ MALE/
*MUSIC, history/ RELIGION AND MEDICINE/
URINARY TRACT/ *VOICE
3003. Melki G: Ultrasonic patterns of tumors of the liver.
J Clin Ultrasound 1:306-14, Dec 73
ADENOCARCINOMA, complications/
ADENOCARCINOMA, diagnosis/ COLONIC
NEOPLASMS, diagnosis/ DISGERMINOMA,
diagnosis/ HEPATOMA, diagnosis/ HODGKIN'S
DISEASE, diagnosis/ HUMAN/ KIDNEY
NEOPLASMS, diagnosis/ LIVER CIRRHOSIS,
complications/ LIVER CIRRHOSIS, diagnosis/
LIVER NEOPLASMS, complications/ *LIVER
NEOPLASMS, diagnosis/ MELANOMA,
diagnosis/ NEOPLASM METASTASIS/ RECTAL
NEOPLASMS, diagnosis/ SARCOMA,
RETICULUM CELL, diagnosis/ STOMACH
NEOPLASMS, diagnosis/ *ULTRASONICS,
diagnostic use
3004. Mello RS, Souza OA, Santos Mello EM, et al: Patient
with Down's syndrome and male
pseudohermaphroditism with a 47, XY, plus21
karyotype. *Clin Genet* 5:259-62, 1974
AUTOPSY/ *CHROMOSOMES, HUMAN, 21-22/
HUMAN/ KARYOTYPING/ LEUKOCYTES,
cytology/ MALE/ MICROSCOPY,
FLUORESCENCE/ MONGOLISM, complications/
*MONGOLISM, familial & genetic/
MONGOLISM, pathology/ MOSAICISM/
PSEUDOHERMAPHRODITISM, complications/
*PSEUDOHERMAPHRODITISM, familial &
genetic/ PSEUDOHERMAPHRODITISM,
pathology/ SEX CHROMATIN/ *SEX
CHROMOSOME ABNORMALITIES, familial &
genetic
3005. Melman AP, Houwink B, Pot T, et al: Het
mineraalgehalte van bot en de fluoridering van
drinkwater; een vergelijkend onderzoek in
Culemborg en Tiel.
Ned Tijdschr Geneesk 117:1728-33, 17 Nov 73 (Dut)
ADULT/ AGED/ *BONE AND BONES,
analysis/ COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ FEMALE/ *FLUORIDATION/
HUMAN/ MALE/ MIDDLE AGE/ *MINERALS,
analysis/ NETHERLANDS/ RADIOMETRY/
URBAN POPULATION
3006. Mena F, Aguayo D, Reyes G, et al: Effect of suckling and
associated factors on ovarian compensatory
hypertrophy during lactation in the rat.
J Endocrinol 61:317-30, Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/
CORPUS LUTEUM, anatomy & histology/
FEMALE/ HYPERTROPHY/ *LACTATION/
LIGATION/ MILK/ ORGAN WEIGHT/ OVARY,
anatomy & histology/ OVARY, drug effects/
*OVARY, physiology/ OXYTOCIN,
pharmacodynamics/ SPINAL CORD, surgery/
*SUCKING BEHAVIOR
3007. Menard RH, Stripp B, Gillette JR: Spironolactone and
testicular cytochrome P-450: decreased testosterone
formation in several species and changes in hepatic
drug metabolism. *Endocrinology* 94:1628-36, Jun 74
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ *CYTOCHROME P-450,
metabolism/ CYTOCHROMES, metabolism/
DOGS/ FEMALE/ GUINEA PIGS/ HEME,
metabolism/ *LIVER, metabolism/ MALE/
METHYLTESTOSTERONE, pharmacodynamics/
MICE/ MICROSOMES, enzymology/
MICROSOMES, metabolism/ PREGNENOLONE,
pharmacodynamics/ PROGESTERONE,
pharmacodynamics/ RABBITS/ RATS/
SPIRONOLACTONE, administration & dosage/
- *SPIRONOLACTONE, pharmacodynamics/
STERIOD HYDROXYLASES, metabolism/
TESTIS, cytology/ *TESTIS, metabolism/
*TESTOSTERONE, biosynthesis/
TESTOSTERONE, pharmacodynamics
3008. Mendel C, Keding M, Haffen K, et al: Hyperpressions
hydrostatiques et survie d'organes embryonnaires de
poulet. Effet de la vitesse de compression.
C R Acad Sci [D] (Paris) 276:817-20, 29 Jan 73 (Fre)
ANIMAL EXPERIMENTS/ *ATMOSPHERIC
PRESSURE/ CELL DIFFERENTIATION/
FEMALE/ *GONADS, embryology/ GONADS,
enzymology/ GONADS, transplantation/
HYDROSTATIC PRESSURE/
HYDROXYSTEROID DEHYDROGENASES,
analysis/ *INTESTINES, embryology/
INTESTINES, transplantation/ *LIVER,
embryology/ LIVER, transplantation/ MALE/
MEIOSIS/ *PRESSURE/ TIME FACTORS/
TISSUE CULTURE/ TRANSPLANTATION,
HOMOLOGOUS
3009. Mendelsohn FA, Warren RL: Proceedings:
Relationships between intracellular potassium and
steroidogenesis in isolated adrenal capsular cells.
N Engl J Med 291:1xxvi, 11 Jun 74
ADRENAL GLANDS, analysis/ ADRENAL
GLANDS, drug effects/ *ADRENAL GLANDS,
metabolism/ ANIMAL EXPERIMENTS/ BODY
FLUIDS, analysis/ *CORTICOSTERONE,
biosynthesis/ IN VITRO/ OUABAIN,
pharmacodynamics/ POTASSIUM, analysis/
*POTASSIUM, pharmacodynamics/ SEROTONIN,
pharmacodynamics
3010. Mendoza SA, Keller M: Inappropriate secretion of
antidiuretic hormone. *West J Med* 121:45-9, Jul 74
FEMALE/ HUMAN/ MENINGITIS,
HAEMOPHILUS, physiopathology/ SYNDROME/
*VASOPRESSIN, secretion
3011. Mendes CE, Hacker P, Sonnenfeld M, et al: Thyroid
hormone control of glutathione reductase activity in
rat erythrocytes and liver.
Am J Physiol 226:1480-3, Jun 74
ANIMAL EXPERIMENTS/ COMPARATIVE
STUDY/ *ERYTHROCYTES, enzymology/ FAD,
pharmacodynamics/ GLUTATHIONE
REDUCTASE, blood/ *GLUTATHIONE
REDUCTASE, metabolism/
HYPERTHYROIDISM, enzymology/
HYPOTHYROIDISM, enzymology/ IN VITRO/
*LIVER, enzymology/ MALE/ *THYROXINE,
physiology
3012. Menger W: Asthma bronchiale als diagnostisches und
therapeutisches Problem des Pädiaters.
Prax Pneumol 28:71-8, Feb 74 (21 ref.) (Ger)
ADOLESCENCE/ ADRENAL CORTEX
HORMONES, therapeutic use/ AGE FACTORS/
ASTHMA, complications/ *ASTHMA, diagnosis/
ASTHMA, drug therapy/ ASTHMA, etiology/
ASTHMA, occurrence/ BRONCHITIS, diagnosis/
CHILD/ CHILD, PRESCHOOL/ DEATH,
SUDDEN/ ENGLISH ABSTRACT/
EXPECTORANTS, therapeutic use/ HUMAN/
HYPERSENSITIVITY, complications/ INFANT/
MALE/ NEURODERMATITIS, complications/
PEDIATRICS/ RESPIRATORY TRACT
INFECTIONS, complications/ REVIEW/
SPIROMETRY/ TRANQUILIZING AGENTS,
therapeutic use
3013. Menkès CJ: Les synoviorthèses.
Rev Prat 23:5155-8 passimas, 11 Dec 73 (Fre)
ADRENAL CORTEX HORMONES, therapeutic
use/ ARTHRITIS, RHEUMATOID, drug
therapy/ DRUG TOLERANCE/ GOLD
ISOTOPES, therapeutic use/ HUMAN/
INJECTIONS, INTRA-ARTICULAR/
RADIOISOTOPES, therapeutic use/ SPECIAL
LIST FOREIGN/ YTTRIUM, therapeutic use
3014. Mense S, Schmidt RF: Activation of group IV afferent
units from muscle by algasic agents.
Brain Res 72:305-10, 7 Jun 74
ANIMAL EXPERIMENTS/ BRADYKININ/
COMPARATIVE STUDY/ HISTAMINE/
*MUSCLES, innervation/ NEURAL

AUTHOR SECTION

- CONDUCTION/ *NEURONS, physiology/
NEURONS, AFFERENT, physiology/ *PAIN/
PAIN, chemically induced/ POTASSIUM
CHLORIDE/ SEROTONIN/ TIME FACTORS
3015. Mertz P, Förster W, Giessler C: Direct effects of the prostaglandins E1 and E2alpha on the activity of pancreatic triglyceride lipase.
Pol J Pharmacol Pharm 26:237-41, Jan-Apr 74
FATTY ACIDS, NONESTERIFIED, analysis/
*LIPASE, metabolism/ OILS, metabolism/
*PANCREAS, enzymology/
PROSTAGLANDINS, pharmacodynamics/
TRIGLYCERIDES
3016. Merck CC, Dannemann R, Raack C: Zum medikamentellen Trockenstellen der Milchkühe mit Benzathin-Cloxacillin. I. Einfluss auf die Gesundheit der Euterviertel.
Berl Munch Tierärztl Wochenschr 87:185-90, 15 May 74 (Ger)
ANIMAL EXPERIMENTS/ *BENZILATES, pharmacodynamics/ *CATTLE/ *CLOXACILLIN, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ LACTATION, drug effects/ PERIODICITY/ PREGNANCY/ PREGNANCY, ANIMAL/ *UDDER, drug effects
3017. Merrill A, Kruger GO: An atlas of the tongue.
Am Fam Physician 8:158-65, Oct 73
AVITAMINOSIS, diagnosis/ ENDOCRINE DISEASES, diagnosis/ HUMAN/ INFECTION/ *ORAL MANIFESTATIONS/ TONGUE, anatomy & histology/ *TONGUE DISEASES, diagnosis/ *TONGUE NEOPLASMS, diagnosis
3018. Mertz DP: Primärer und sekundärer Aldosteronismus bei Hochdruckkrankungen.
Z Allgemeinmed 50:566-71, 30 Apr 74 (Ger)
ALDOSTERONE, secretion/ ANGIOTENSIN, metabolism/ HUMAN/
*HYPERALDOSTERONISM, complications/
*HYPERTENSION, etiology/ HYPERTENSION, MALIGNANT, etiology/ *HYPERTENSION, RENAL, etiology/ RENIN, metabolism
3019. Mertz DP, Thongbhouesra T: Magensäuresekretion unter dem Einfluss von intravenös appliziertem Phenylalanin2-Lys8-Vasopressin (Octapressin).
Med Klin 69:699-703, 19 Apr 74 (Ger)
BLOOD PRESSURE, drug effects/ CALCIUM, analysis/ CHLORIDES, analysis/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FEMALE/ GASTRIC JUICE, analysis/ GASTRIC JUICE, drug effects/ *GASTRIC JUICE, secretion/ GASTRIC MUCOSA, blood supply/ GASTRIC MUCOSA, drug effects/ HUMAN/
HYDROGEN-ION CONCENTRATION/
INJECTIONS, INTRAVENOUS/ *LYSINE/
MAGNESIUM, analysis/ MALE/
*PHENYLALANINE/ POTASSIUM, analysis/
REGIONAL BLOOD FLOW/ SODIUM, analysis/
VASOPRESSIN, administration & dosage/
VASOPRESSIN, adverse effects/
*VASOPRESSIN, pharmacodynamics
3020. Mess B, Tima L, Trentini GP: The role of pineal principles on ovulation. Prog Brain Res 39:251-9, 1973
ANIMAL EXPERIMENTS/ FEMALE/
GANGLIA, AUTONOMIC, physiology/
*OVULATION/ *PINEAL BODY, physiology/
RATS
3021. Messer HH, Armstrong WD, Singer L: Fluoride, parathyroid hormone and calcitonin: inter-relationships in bone calcium metabolism. Calcif Tissue Res 13:217-24, 23 Oct 73
ANIMAL EXPERIMENTS/ BONE AND BONES, drug effects/ *BONE AND BONES, metabolism/ *CALCITONIN, pharmacodynamics/
*CALCIUM, metabolism/ FEMALE/
FLUORIDATION/ *FLUORIDES, pharmacodynamics/ IN VITRO/
MATERNAL-FETAL EXCHANGE/ ORGAN CULTURE/ *PARATHYROID HORMONE, pharmacodynamics/ SKULL, drug effects/
SKULL, metabolism
3022. Messer HH, Armstrong WD, Singer L: Fluoride, parathyroid hormone and calcitonin: effects on metabolic processes involved in bone resorption. Calcif Tissue Res 13:227-33, 23 Oct 73
ACID PHOSPHATASE, metabolism/
ALKALINE PHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ BONE AND BONES, drug effects/ BONE AND BONES, enzymology/ *BONE AND BONES, metabolism/
*BONE RESORPTION, drug effects/
*CALCITONIN, pharmacodynamics/ CITRATES, metabolism/ FEMALE/ FLUORIDATION/
*FLUORIDES, pharmacodynamics/ IN VITRO/
LACTATES, metabolism/ MATERNAL-FETAL EXCHANGE/ *PARATHYROID HORMONE, pharmacodynamics/ SKULL, drug effects/
SKULL, enzymology/ SKULL, metabolism/
STIMULATION, CHEMICAL
3023. Messer HH, Copp DH: Changes in response to calcitonin following prolonged administration to intact rats. Proc Soc Exp Biol Med 146:643-7, Jun 74
ACID PHOSPHATASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ BONE AND BONES, drug effects/ *BONE AND BONES, metabolism/
CALCITONIN, administration & dosage/
*CALCITONIN, pharmacodynamics/ CALCIUM, blood/ *CALCIUM, metabolism/
HYPERPARATHYROIDISM, chemically induced/ MALE/ PHOSPHORUS, blood/ *PHOSPHORUS, metabolism/ TIME FACTORS
3024. Messini M: Terapia dell'angina pectoris. V. Sostanze varie. Terapia chirurgica e altri mezzi di cura. Considerazioni generali.
Cln Ter 68:401-43, 15 Mar 74 (Ita)
ANGINA PECTORIS, drug therapy/ ANGINA PECTORIS, etiology/ ANGINA PECTORIS, surgery/ *ANGINA PECTORIS, therapy/
ANTIHYPERTENSIVE AGENTS, therapeutic use/ GLYCERYL TRINITRATE, therapeutic use/ GRISEOFULVIN, therapeutic use/
HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ PHYSICAL THERAPY/
SMOKING, complications/ THYROXINE, therapeutic use/ VASODILATOR AGENTS, therapeutic use/ VITAMIN E, therapeutic use
3025. Mest HJ, Mertz P, Förster W: Effects of prostaglandins on experimental arrhythmias.
Pol J Pharmacol Pharm 26:151-8, Jan-Apr 74
ACONITE/ AJMALINE, pharmacodynamics/
ANIMAL EXPERIMENTS/ ARRHYTHMIA, chemically induced/ *ARRHYTHMIA, drug therapy/ BARIUM/ CALCIUM CHLORIDE/
CHLORIDES/ ELECTROCARDIOGRAPHY/
FEMALE/ MALE/ OUABAIN/
*PROSTAGLANDINS, therapeutic use
3026. Mestechkina Aia, Iatsyk MI: Aktyvnysh' delakykh fermentiv vuhlevodno-fosfornoho obminu v holovnomu mozku adrenaletomovanykh mors'kykh svynok.
Ukr Biokhim Zh 45:323-6, May-Jun 73 (Ukr)
ADENOSINE TRIPHOSPHATASE, metabolism/
*ADRENAL GLANDS, physiology/
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
BRAIN, cytology/ BRAIN, drug effects/
*BRAIN, enzymology/ *CARBOHYDRATES, metabolism/ ENGLISH ABSTRACT/ GUINEA PIGS/ HEXOKINASE, metabolism/
HYDROCORTISONE, pharmacodynamics/
LACTATE DEHYDROGENASE, metabolism/
MALE/ MITOCHONDRIA, enzymology/
*PHOSPHORUS, metabolism/ PYRUVATE KINASE, metabolism/
SPECTROPHOTOMETRY/ SUBCELLULAR FRACTIONS, enzymology
3027. Meyer J: Proceedings: Amygdaloid lesions and post-operative recovery rates in rats.
J Anat 116:473, Dec 73
*AMYGDALOID BODY, physiology/
AMYGDALOID BODY, surgery/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ BODY WEIGHT/ CIRCADIAN RHYTHM/ DRINKING BEHAVIOR/ ENVIRONMENT/ RATS/
STEREOTAXIC TECHNIQUES/ TIME FACTORS

AUTHOR SECTION

3028. Meyer J: Proceedings: Amygdaloid lesions and circadian rhythm in rats. *J Anat* 116:473, Dec 73
*AMYGDALOID BODY, physiology/
AMYGDALOID BODY, surgery/ ANIMAL
EXPERIMENTS/ BEHAVIOR, ANIMAL/
*CIRCADIAN RHYTHM/ RATS/
STEREOTAXIC TECHNICS
3029. Meyer W: Rheumatologische Krankheitsbilder. Derzeitige Stand der Goldtherapie. *Verh Dtsch Ges Rheumatol* 3:260-8, 1974 (Ger)
ADRENAL GLANDS, drug effects/ ANTIBODY
FORMATION, drug effects/ *ARTHRITIS,
RHEUMATOID, drug therapy/ ARTHRITIS,
RHEUMATOID, immunology/ CHLOROQUINE,
therapeutic use/ DERMATITIS
MEDICAMENTOSA/ DRUG EVALUATION/
ENGLISH ABSTRACT/ EXANTHEMA,
chemically induced/ GOLD, administration &
dosage/ GOLD, adverse effects/ GOLD,
pharmacodynamics/ *GOLD, therapeutic use/
HUMAN/ LYSOSOMES, drug effects/
PRURITUS, chemically induced/ STOMATITIS,
chemically induced
3030. Meyer-Bahlburg HF, Boon DA, Sharma M, et al: Aggressiveness and testosterone measures in man. *Psychosom Med* 36:269-74, May-Jun 74
ADOLESCENCE/ ADULT/ *AGGRESSION/
HOSTILITY/ HUMAN/ INTERVIEW,
PSYCHOLOGICAL/ MALE/ *PERSONALITY/
PERSONALITY INVENTORY/
QUESTIONNAIRES/ RESEARCH DESIGN/
TESTOSTERONE, blood/ *TESTOSTERONE,
metabolism/ TESTOSTERONE, urine
3031. Meyer-Rienecker H, Hitzschke B: Atiopathogenetische Probleme der Multiplen Sklerose. Zur Atiologie, Pathogenese und Therapiekonzeption. *Nervenarzt* 45:133-41, Mar 74 (129 ref.) (Ger)
ADRENAL CORTEX HORMONES, therapeutic
use/ ANIMAL EXPERIMENTS/ ANTIBODIES,
analysis/ ANTILYMPHOCYTE SERUM,
therapeutic use/ ANTINEOPLASTIC AGENTS,
therapeutic use/ CEREBROSPINAL FLUID,
immunology/ ENCEPHALOMYELITIS,
pathology/ HUMAN/ IMMUNOSUPPRESSIVE
AGENTS, therapeutic use/ MULTIPLE
SCLEROSIS, drug therapy/ *MULTIPLE
SCLEROSIS, etiology/ MULTIPLE SCLEROSIS,
immunology/ MULTIPLE SCLEROSIS,
microbiology/ MULTIPLE SCLEROSIS,
pathology/ NEUROGLIA, immunology/
RABBITS/ REVIEW/ VIRUS DISEASES
3032. Meyer zum Büschenfelde, Knolle J, Berger J: Celluläre Immunreaktionen gegenüber homologen leberspezifischen Antigenen (HLP) bei chronischen Leberentzündungen. *Klin Wochenschr* 52:246-8, 1 Mar 74 (Ger)
ANTIGEN-ANTIBODY REACTIONS/
*ANTIGENS/ AZATHIOPRINE,
therapeutic use/ CELL MIGRATION
INHIBITION/ CHRONIC DISEASE/ ENGLISH
ABSTRACT/ HEPATITIS, drug therapy/
HEPATITIS, etiology/ *HEPATITIS,
immunology/ HUMAN/ *IMMUNITY,
CELLULAR/ LEUKOCYTES/ *LIVER,
immunology/ LIVER CIRRHOSIS/
PREDNISONE, therapeutic use
3033. Meyerson BJ: Mechanisms of action of sex steroids on behavior; inhibition of estrogen-activated behavior by ethamoxy-triphetol (Mer-25), colchicine and cycloheximide. *Frog Brain Res* 39:135-47, 1973
*ALCOHOL, ETHYL, pharmacodynamics/
ANIMAL EXPERIMENTS/ *BEHAVIOR,
ANIMAL, drug effects/ *COLCHICINE,
pharmacodynamics/ *CYCLOHEXIMIDE,
pharmacodynamics/ DIETHYLAMINES,
pharmacodynamics/ *ESTROGENS, antagonists
& inhibitors/ FEMALE/ MOTOR ACTIVITY,
drug effects/ PHENYL ETHERS,
pharmacodynamics/ RATS/ SEX BEHAVIOR,
ANIMAL, drug effects
3034. Mezei C, Mezei M, Hawkins A: 2',3'-Cyclic AMP 3'-phosphohydrolase activity during Wallerian degeneration. *J Neurochem* 22:457-8, Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
ANIMAL EXPERIMENTS/ CHICKENS/
COMPARATIVE STUDY/ *NERVE
DEGENERATION/ *PHOSPHODIESTERASES,
metabolism/ RABBITS/ *SCIATIC NERVE,
enzymology/ SPECIES SPECIFICITY/ TIME
FACTORS
3035. Mezhenina EP: Nasledstvenno obuslovlennaja patologicheskaja lomkost' kostei. *Tsitol Genet* 8:20-3, Jan-Feb 74 (Rus)
ADOLESCENCE/ ADULT/ *AUTOSOME
ABNORMALITIES/ CHILD/ CHILD,
PRESCHOOL/ DENTAL CARIES, familial &
genetic/ ENGLISH ABSTRACT/ EYE
MANIFESTATIONS/ GENE FREQUENCY/
GENES, DOMINANT/ GENETIC COUNSELING/
HEARING DISORDERS, familial & genetic/
HUMAN/ INFANT/ INFANT, NEWBORN/
MATHEMATICS/ ORAL MANIFESTATIONS/
OSTEOGENESIS IMPERFECTA, familial &
genetic/ *OSTEOGENESIS IMPERFECTA,
familial & genetic/ PEDIGREE/ PHENOTYPE/
POLYMORPHISM (GENETICS)/ SCLERA/
TOOTH DISCOLORATION, familial & genetic
3036. Miasnikov LA, Metelitsa VI: Lechenie bol'nykh khronicheskoi koronarnoi nedostatochnosti. *Kardiologiya* 12:144-55, Jul 72 (Rus)
ADRENERGIC BETA RECEPTOR
BLOCKADERS, therapeutic use/ ADULT/
ANABOLIC STEROIDS, therapeutic use/
ARRHYTHMIA, complications/ ARRHYTHMIA,
drug therapy/ BRADYKININ, therapeutic use/
CHRONIC DISEASE/ CORONARY DISEASE,
complications/ *CORONARY DISEASE, drug
therapy/ CORONARY DISEASE, prevention &
control/ HUMAN/ HYPNOTICS AND
SEDATIVES, therapeutic use/ MALE/
MONOAMINE OXIDASE INHIBITORS,
therapeutic use/ THYROID ANTAGONISTS,
therapeutic use/ TRANQUILIZING AGENTS,
therapeutic use/ VASODILATOR AGENTS,
therapeutic use
3037. Miasnikov LA, Nikolenko SA: Rol' glukokortikoidov v regulatsii uglevodnogo obmena u bol'nykh ishemicheskoi bolezniu serdtsa. *Kardiologiya* 15:9-14, 1974 (Rus)
*ADRENAL GLANDS, physiopathology/
*CARBOHYDRATES, metabolism/ CORONARY
DISEASE, blood/ *CORONARY DISEASE,
metabolism/ CORONARY DISEASE,
physiopathology/ CORONARY DISEASE, urine/
CORTISONE, urine/ DRUG TOLERANCE/
ENGLISH ABSTRACT/ GLUCOCORTICOIDS,
physiology/ GLUCOSE, pharmacodynamics/
GLUCOSE TOLERANCE TEST/ HUMAN/
11-HYDROXYCORTICOSTEROIDS, blood/
INSULIN, pharmacodynamics/ MALE
3038. Michajlik A: Witamina D-hormonem. *Wlad Lek* 27:195-6, 15 Jan 74 (Pol)
BONE AND BONES, metabolism/ CALCIUM,
metabolism/
DIHYDROXYCHOLECALCIFEROLS,
metabolism/ FEEDBACK/ HUMAN/ KIDNEY,
metabolism/ PARATHYROID HORMONE,
physiology/ *VITAMIN D, physiology
3039. Michalowski R, Turbakiwicz L: Losy chorych na pęcherzycę w erze kortykosterydów. *Przegl Dermatol* 60:73-6, Jan-Feb 73 (Pol)
*ADRENAL CORTEX HORMONES, therapeutic
use/ ADULT/ AGED/ COMPARATIVE STUDY/
DRUG EVALUATION/ ENGLISH ABSTRACT/
FEMALE/ FOLLOW-UP STUDIES/ HUMAN/
MALE/ MIDDLE AGE/ *PEMPHIGUS, drug
therapy/ PEMPHIGUS, mortality
3040. Micheal RP, Wilson M: Effects of castration and hormone replacement in fully adult male rhesus monkeys (Macaca mulatta). *Endocrinology* 95:150-9, Jul 74
ANIMAL EXPERIMENTS/ BODY WEIGHT/
*CASTRATION/ ESTRADIOL,
pharmacodynamics/ FEMALE/ MACACA/
MALE/ OVARY, physiology/ PIGMENTATION/
*SEX BEHAVIOR, ANIMAL, drug effects/
SKIN/ TESTIS, physiology/ *TESTOSTERONE,
pharmacodynamics

AUTHOR SECTION

3041. Michells MF, Fusco RD, Bragdon RW, et al: Reset of osmoreceptors in association with normovolemic hyponatremia. *Am J Med Sci* 287:267-73, May 74
BLOOD/ DRINKING/ FEMALE/ HUMAN/
HYPONATREMIA, drug therapy/
HYPONATREMIA, metabolism/
*HYPONATREMIA, physiopathology/
*HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
physiopathology/ INFUSIONS, PARENTERAL/
ISOTONIC SOLUTIONS/
MINERALOCORTICOIDS, therapeutic use/
OSMOLAR CONCENTRATION/ SODIUM,
blood/ SODIUM CHLORIDE, administration &
dosage/ URINE/ VASOPRESSIN, secretion/
WATER, administration & dosage/ WATER,
metabolism/ *WATER-ELECTROLYTE
BALANCE
3042. Michie W, Hammer-Hodges DW, Pegg CA, et al: Beta-blockade and partial thyroidectomy for thyrotoxicosis. *Lancet* 1:1009-11, 25 May 74
ADULT/ ALKALINE PHOSPHATASE, blood/
BLOOD PRESSURE, drug effects/ CALCIUM,
blood/ CARBIMAZOLE, therapeutic use/
COMPARATIVE STUDY/ FEMALE/ HUMAN/
HYPERTHYROIDISM, blood/
HYPERTHYROIDISM, drug therapy/
HYPERTHYROIDISM, enzymology/
HYPERTHYROIDISM, surgery/
*HYPERTHYROIDISM, therapy/ IODINE,
administration & dosage/ IODINE, therapeutic
use/ IODINE ISOTOPES/ MALE/
PREOPERATIVE CARE/ PROPRANOLOL,
administration & dosage/ PROPRANOLOL,
pharmacodynamics/ *PROPRANOLOL,
therapeutic use/ PROTEIN-BOUND IODINE
TEST/ *THYROIDECTOMY
3043. Middleton E, Williams PC: Electrolyte and fluid appetite and balance in male guinea-pigs: effects of stilboestrol treatment and renal function tests. *J Endocrinol* 61:381-99, Jun 74
ADRENAL GLANDS, drug effects/ ANIMAL
EXPERIMENTS/ ANIMAL FEED/ *APPETITE,
drug effects/ BODY WEIGHT/ CREATININE,
urine/ DEPRESSION, CHEMICAL/
*DIETHYLSTILBESTROL, pharmacodynamics/
FECES, analysis/ FEEDING BEHAVIOR/
INULIN, urine/ *KIDNEY, physiology/
KIDNEY FUNCTION TESTS/ MALE/
POTASSIUM, analysis/ POTASSIUM,
metabolism/ POTASSIUM, urine/ SODIUM,
analysis/ SODIUM, metabolism/ SODIUM,
urine/ WATER, metabolism/
*WATER-ELECTROLYTE BALANCE, drug
effects
3044. Miętkiewska Ala, Kalinska LM: Vmist rozchynnykh bilkiv ta stupin' fonizatsii ikh bichnykh hrup u delakykh viddilakh holovnoho mozku kroliv pry vvedenni hidrokorizonu ta AKT.
Ukr Biokhim Zh 46:145-51, Mar-Apr 74 (Ukr)
BRAIN, metabolism/ *BRAIN CHEMISTRY,
drug effects/ CEREBELLUM, analysis/
CEREBRAL CORTEX, analysis/
CHINCHILLAS/ *CORTICOTROPIN,
pharmacodynamics/ DIENCEPHALON, analysis/
*HYDROCORTISONE, pharmacodynamics/
MEDULLA OBLONGATA, analysis/
MESENCEPHALON, analysis/ *NERVE TISSUE
PROTEINS, analysis/ NERVE TISSUE
PROTEINS, metabolism
3045. Miętkiewski K, Hyla R, Król C, et al: Die alkalische Phosphatase als Exponent der sekretorischen Tätigkeit des Rattenovars.
Acta Histochem (Jena) 47:148-52, 1973 (Ger)
*ALKALINE PHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ CORPUS LUTEUM,
enzymology/ ENGLISH ABSTRACT/ FEMALE/
HISTOCYTOCHEMISTRY/ HYDROXYSTEROID
DEHYDROGENASES, metabolism/ *OVARY,
enzymology/ STAINS AND STAINING
3046. Migeon BR, Huijing F: Glycogen-storage disease associated with phosphorylase kinase deficiency: evidence for X inactivation.
Am J Hum Genet 26:360-8, May 74
CLONE CELLS/ FEMALE/ FIBROBLASTS,
enzymology/ GALACTOSIDASE, metabolism/
GLYCOGENOSIS, enzymology/
*GLYCOGENOSIS, familial & genetic/
HETEROZYGOTE/ HUMAN/ MALE/
METABOLISM, INBORN ERRORS, enzymology/
MUTATION/ PHENOTYPE/
*PHOSPHORYLASE KINASE, metabolism/
*SEX CHROMOSOMES/ SKIN, cytology
3047. Mihalca E, Toader V, Bogdan D: Hipercalcemie iatrogenă.
Pediatrica (Bucur) 22:445-52, Sep-Oct 73 (Rum)
DIET THERAPY/ ENGLISH ABSTRACT/
GLUCOSE, therapeutic use/ HUMAN/
HYDROCORTISONE, therapeutic use/
*HYPERCALCEMIA, chemically induced/
HYPERCALCEMIA, therapy/ *IATROGENIC
DISEASE/ INFANT/ MALE/ *VITAMIN D,
adverse effects/ WATER-ELECTROLYTE
BALANCE
3048. Mikhaïlovskii VO, Gulyi MF, Mel'nicuk DA, et al: Vplyv "karboksylnu" na onovlennia vli'nykh nukleotydiv u pechintsî kachok.
Ukr Biokhim Zh 45:524-7, Sep-Oct 73 (Ukr)
ACID-BASE EQUILIBRIUM/ ADENOSINE
DIPHOSPHATE, metabolism/ ADENOSINE
MONOPHOSPHATE, metabolism/ *AMMONIUM
COMPOUNDS, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BICARBONATES, metabolism/
*BICARBONATES, pharmacodynamics/
CARBON DIOXIDE, metabolism/ CARBON
RADIOISOTOPES/ CHROMATOGRAPHY,
PAPER/ DRUG COMBINATIONS/ DUCKS/
ENGLISH ABSTRACT/ FREE RADICALS/
GLYCINE, metabolism/ GUANOSINE CYCLIC
3',5' MONOPHOSPHATE, metabolism/
HYDROGEN-ION CONCENTRATION/ LIVER,
drug effects/ *LIVER, metabolism/ *METALS,
pharmacodynamics/ *NAD, biosynthesis/
*NADP, biosynthesis/ SPECTROPHOTOMETRY/
TIME FACTORS
3049. Mikhina ZP: Polovoï khromatin v epitelli slizistoi obolochki shcheki i vlagalishcha pri protivopukhlovoi terapii.
Med Radiol (Mosk) 18:63-5, Aug 73 (Rus)
ADULT/ AGED/ BREAST NEOPLASMS,
metabolism/ BREAST NEOPLASMS,
radiotherapy/ BREAST NEOPLASMS, therapy/
EPITHELIUM, analysis/ FEMALE/ HUMAN/
MIDDLE AGE/ MOUTH MUCOSA, cytology/
MUCOUS MEMBRANE, cytology/
RADIOTHERAPY DOSAGE/ *SEX
CHROMATIN, analysis/ SEX CHROMATIN,
metabolism/ VAGINA, cytology/ VAGINA,
metabolism
3050. Miki M, Koshino K, Nakano M, et al: Proceedings: 275. Influences of the hypothalamus on the cortical photic evoked potentials.
J Physiol Soc Jap 35:498, Aug-Sep 73
ANIMAL EXPERIMENTS/ *EVOKED
POTENTIALS/ *HYPOTHALAMUS, physiology/
LIMBIC SYSTEM, physiology/ NEURAL
INTERCONNECTIONS, physiology/ *VISUAL
CORTEX, physiology
3051. Miki N, Keirns JJ, Marcus FR, et al: Proceedings: Light regulation of adenosine 3',5' cyclic monophosphate levels in vertebrate photoreceptors.
Exp Eye Res 18:281-97, Mar 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, physiology/ ADENOSINE
TRIPHOSPHATE, metabolism/ ADENYL
CYCLASE, physiology/ ANIMAL
EXPERIMENTS/ CENTRIFUGATION/
CHROMATOGRAPHY/ EPINEPHRINE,
pharmacodynamics/ FLUORIDES,
pharmacodynamics/ GLUCAGON,
pharmacodynamics/ *LIGHT/ LIVER,
enzymology/ MELANOMA, enzymology/
PHOSPHODIESTERASES, physiology/
PROSTAGLANDINS, pharmacodynamics/ RANA
PIPIENS/ RETINAL PIGMENTS/ RODS AND
CONES, enzymology/ TIME FACTORS/
TRITIUM/ TRYPSIN, metabolism/
ULTRASONICS
3052. Miklaszewska M, Chęcińska Z: Electrophoretic and quantitative studies on serum proteins in thyroid

AUTHOR SECTION

- diseases. *Mater Med Pol* 5:250-4, Oct-Dec 73
ADULT/ AGED/ ANTIBODY FORMATION/
ANTIBODY SPECIFICITY/ BLOOD PROTEIN
ELECTROPHORESIS/ *BLOOD PROTEINS,
analysis/ FEMALE/ GAMMA GLOBULIN,
analysis/ HUMAN/ IGA, analysis/ IGG,
analysis/ IGM, analysis/ *IMMUNOGLOBULINS,
analysis/ MALE/ MIDDLE AGE/
THYROGLOBULIN/ THYROID DISEASES,
blood/ *THYROID DISEASES, immunology
3053. Miley CE, Forster FM: Paroxysmal signs and symptoms
in multiple sclerosis.
Neurology (Minneapolis) 24:458-61, May 74
ADULT/ *ATAXIA, etiology/ ATAXIA,
physiopathology/ BRAIN STEM,
physiopathology/ *CARBAMAZEPINE,
therapeutic use/ CORTICOTROPIN, therapeutic
use/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/
HUMAN/ *MULTIPLE SCLEROSIS,
complications/ MULTIPLE SCLEROSIS,
diagnosis/ MULTIPLE SCLEROSIS, drug
therapy/ MULTIPLE SCLEROSIS,
physiopathology/ PERIODICITY/ *SPEECH
DISORDERS, etiology/ SPEECH DISORDERS,
physiopathology/ SPINAL CORD,
physiopathology/ STEREOTYPED BEHAVIOR
3054. Milgrom E, Atger M, Baulieu EE: Acidophilic activation
of steroid hormone receptors.
Biochemistry 12:5198-205, 4 Dec 73
ADRENAL GLANDS, physiology/
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
CATIONS, DIVALENT/ CELL
FRACTIONATION/ *CELL NUCLEUS,
metabolism/ *CYTOSOL, metabolism/
*DEXAMETHASONE, metabolism/
DEXAMETHASONE, pharmacodynamics/ DNA,
metabolism/ GLUCOCORTICOIDS, metabolism/
LIVER, cytology/ *LIVER, metabolism/
OSMOLAR CONCENTRATION/ POTASSIUM
CHLORIDE, pharmacodynamics/ PROTEIN
BINDING/ PROTEIN CONFORMATION/
*RECEPTORS, HORMONE, drug effects/ RNA,
metabolism/ STRUCTURE-ACTIVITY
RELATIONSHIP/ TEMPERATURE/ TRITIUM
3055. Miller EA, Ingebrechtsen C, Clark JF, et al: Effects of
glucagon and dibutyryl cyclic AMP on the
phosphorylase activity and gluconeogenesis in rat
liver slices. *Proc Soc Exp Biol Med* 146:186-9, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ *ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ANIMAL EXPERIMENTS/ ENZYME
ACTIVATION/ *GLUCAGON,
pharmacodynamics/ *GLUCONEOGENESIS, drug
effects/ *GLUCOSYLTRANSFERASES,
metabolism/ IN VITRO/ KETONE BODIES,
biosynthesis/ LIVER, enzymology/ *LIVER,
metabolism/ RATS/ THEOPHYLLINE,
pharmacodynamics
3056. Miller EJ, Matukas VJ: Biosynthesis of collagen. The
biochemist's view.
Fed Proc 33:1197-204, May 74 (97 ref.)
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ BONE AND BONES,
metabolism/ CARTILAGE, metabolism/ CELLS,
CULTURED/ CHICK EMBRYO/ *COLLAGEN,
biosynthesis/ FIBROBLASTS, metabolism/
HYDROXYLATION/ POLYRIBOSOMES,
metabolism/ PROTEIN CONFORMATION/
PROTEIN PRECURSORS, metabolism/ RATS/
REVIEW/ RNA, MESSENGER, metabolism/
SKIN, metabolism/ TENDONS, metabolism/
TRANSLATION, GENETIC
3057. Miller EM, Wiener L: Ro 4-4602 and levodopa in the
treatment of Parkinsonism.
Neurology (Minneapolis) 24:482-8, May 74
AGED/ COMPARATIVE STUDY/ DOPA,
administration & dosage/ DOPA, adverse
effects/ *DOPA, therapeutic use/ *DOPA
DECARBOXYLASE, antagonists & inhibitors/
DRUG SYNERGISM/ EVALUATION STUDIES/
EXTRAPYRAMIDAL DISORDERS, chemically
induced/ EXTRAPYRAMIDAL DISORDERS,
drug therapy/ FEMALE/ GASTROINTESTINAL
DISEASES, chemically induced/
GASTROINTESTINAL DISEASES,
drug therapy/ HUMAN/ *HYDRAZINES,
administration & dosage/ *HYDRAZINES,
therapeutic use/ MALE/
METHYLDOPA/HYDRAZINE, therapeutic use/
MIDDLE AGE/ *PARKINSONISM, drug
therapy
3058. Miller JB, Keyes FL: Initiation of luteinization in rabbit
Graafian follicles by dibutyryl cyclic AMP in vitro.
Endocrinology 95:253-9, Jul 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CARBON RADIOISOTOPES/ CORPUS
LUTEUM, metabolism/ *DIBUTYRYL CYCLIC
AMP, pharmacodynamics/ FEMALE/
*GRAAFIAN FOLLICLE, drug effects/
GRAAFIAN FOLLICLE, transplantation/ IN
VITRO/ KIDNEY/ PREGNENOLONE,
metabolism/ PROGESTERONE, metabolism/
THEOPHYLLINE, pharmacodynamics/ TISSUE
CULTURE/ TRANSPLANTATION,
AUTOLOGOUS
3059. Miller SW, Castronovo FP Jr, Pendergrass HP, et al:
Technetium 99m labeled diphosphonate bone
scanning in Paget's disease.
Am J Roentgenol Radium Ther Nucl Med 121:177-83,
May 74
BONE AND BONES, metabolism/ FLUORINE,
diagnostic use/ HUMAN/ INJECTIONS,
INTRAVENOUS/ *OSTEITIS DEFORMANS,
diagnosis/ OSTEITIS DEFORMANS,
metabolism/ PHOSPHONIC ACIDS,
administration & dosage/ *PHOSPHONIC
ACIDS, diagnostic use/ *RADIOISOTOPE
SCANNING/ RADIOISOTOPE SCANNING,
instrumentation/ RADIOISOTOPES/
TECHNETIUM/ TIME FACTORS
3060. Miller WR, Forrest AP, Hamilton T: Steroid
metabolism by human breast and rat mammary
carcinomata. *Steroids* 23:379-95, Mar 74
ADULT/ ANDROSTANES, biosynthesis/
ANIMAL EXPERIMENTS/
BENZANTHRACENES/ *BREAST NEOPLASMS,
metabolism/ CARBON RADIOISOTOPES/
CARCINOMA, chemically induced/
*CARCINOMA, metabolism/ *CARCINOMA,
DUCTAL, metabolism/ CELLS, CULTURED/
CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, THIN LAYER/
*DEHYDROEPIANDROSTERONE, metabolism/
FEMALE/ HUMAN/ HYDROXYSTERIODS,
metabolism/ MAMMARY NEOPLASMS,
EXPERIMENTAL, chemically induced/
*MAMMARY NEOPLASMS, EXPERIMENTAL,
metabolism/ MIDDLE AGE/
OXIDATION-REDUCTION/ RATS/ SOLVENTS/
SPECTROPHOTOMETRY, ULTRAVIOLET/
STANOLONE, biosynthesis/ *TESTOSTERONE,
metabolism/ TRITIUM
3061. Miller WR, McDonald D, MacFadyen I, et al: Androgen
metabolism in gynaecomastic breast tissue.
Clin Endocrinol (Oxf) 3:123-30, Apr 74
ANDROSTANES, biosynthesis/ *BREAST,
metabolism/ BREAST, pathology/ CARBON
RADIOISOTOPES/ COMPARATIVE STUDY/
*DEHYDROEPIANDROSTERONE, metabolism/
FEMALE/ *GYNECOMASTIA, metabolism/
GYNECOMASTIA, pathology/ HUMAN/
TESTOSTERONE, biosynthesis/
*TESTOSTERONE, metabolism/ TRITIUM
3062. Millington DS, Jones T, Jenner D, et al: Proceedings:
Measurement of endogenous steroid levels in human
breast tumours by mass fragmentography.
N Engl J Med 291:114v, 11 Jun 74
*ANDROGENS, analysis/ *BREAST
NEOPLASMS, metabolism/
CHROMATOGRAPHY, GAS/ *ESTROGENS,
analysis/ FEMALE/ HUMAN/ SPECTRUM
ANALYSIS, MASS
3063. Mills DH: Prenatal diethylstilbestrol and vaginal cancer
in offspring. *JAMA* 229:471-2, 22 Jul 74
*ADENOCARCINOMA, chemically induced/
CONTRACEPTIVES, POSTCOITAL/
*DIETHYLSTILBESTROL, adverse effects/

AUTHOR SECTION

FEMALE/ FETUS, drug effects/ HUMAN/
*JURISPRUDENCE/ *MATERNAL-FETAL
EXCHANGE/ TIME FACTORS/ UNITED
STATES/ UNITED STATES FOOD AND DRUG
ADMINISTRATION/ *VAGINAL NEOPLASMS,
chemically induced

3064. Milman LS, Yurovitsky YG: Regulation of glycolysis in the early development of fish embryos. Monogr Dev Biol 6:1-106, 1973 (272 ref.)
ALLOSTERIC REGULATION/ ANIMAL
EXPERIMENTS/ CREATINE KINASE,
metabolism/ EMBRYO, growth & development/
*EMBRYO, metabolism/ FEMALE/ *FISHES,
metabolism/ FRUCTOSEPHOSPHATES,
metabolism/ GLUCONEOGENESIS/ GLUCOSE/
GLUCOSEPHOSPHATE DEHYDROGENASE,
metabolism/ GLYCOGEN, biosynthesis/
GLYCOGEN PHOSPHORYLASE, metabolism/
GLYCOGEN SYNTHETASE, metabolism/
*GLYCOLYSIS/ GONADOTROPINS,
CHORIONIC, pharmacodynamics/
HEXOSEDIPHOSPHATASE, metabolism/
HEXOSEDIPHOSPHATES, metabolism/
HEXOSEPHOSPHATES, metabolism/
KINETICS/ LACTATES, metabolism/
MATHEMATICS/ ORGANOPHOSPHORUS
COMPOUNDS, metabolism/ OVUM, drug
effects/ OVUM, metabolism/ REVIEW/ TIME
FACTORS/ URIDINE DIPHOSPHATE SUGARS,
metabolism

3065. Milne JS, Lauder LJ, Price WH: Anthropometry in sex chromosome abnormality. Clin Genet 5:96-106, 1974
ADOLESCENCE/ ADULT/ AGED/
*ANTHROPOMETRY/ *BODY CONSTITUTION/
BODY HEIGHT/ BODY WEIGHT/ CHILD/
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/
*SEX CHROMOSOME ABNORMALITIES

3066. Mingeot R, Fievez C: Endocervical changes with the use of synthetic steroids. Obstet Gynecol 44:53-9, Jul 74
BIOPSY/ *CERVIX UTERI, drug effects/
CERVIX UTERI, pathology/ COLPOSCOPY/
COMPARATIVE STUDY/ CONTRACEPTIVES,
ORAL, adverse effects/ *CONTRACEPTIVES,
ORAL, pharmacodynamics/ *ESTRADIOL,
pharmacodynamics/ FEMALE/ HUMAN/
HYPERPLASIA, chemically induced/
*LYNESTRENOL, pharmacodynamics/
*MESTRANOL, pharmacodynamics/
*NORETHINDRONE, pharmacodynamics/
*NORGESTREL, pharmacodynamics

3067. Mink IB, Courey NG, Niswander KR, et al: Progestational agents and blood coagulation. V. Changes induced by sequential oral contraceptive therapy. Am J Obstet Gynecol 119:401-5, 1 Jun 74
BLOOD CELL COUNT/ *BLOOD
COAGULATION, drug effects/ BLOOD
COAGULATION TESTS/ BLOOD GROUPS/
BLOOD PLATELETS, drug effects/
*CONTRACEPTIVES, ORAL,
pharmacodynamics/ DRUG COMBINATIONS/
ETHINYL ESTRADIOL, pharmacodynamics/
FACTOR V, analysis/ FACTOR VII, analysis/
FACTOR VIII, analysis/ FACTOR IX, analysis/
FACTOR X, analysis/ FEMALE/
FIBRINOLYSIS, antagonists & inhibitors/
HUMAN/ NORETHINDRONE,
pharmacodynamics/ PLASMINOGEN, analysis/
PREGNANCY/ PROTHROMBIN, analysis/
PROTHROMBIN TIME/ SMOKING/
THROMBELASTOGRAPHY

3068. Minton JP, Wisenbaugh T, Matthews RH: Elevated cyclic AMP levels in human breast-cancer tissue. J Natl Cancer Inst 53:283-4, Jul 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ BREAST,
metabolism/ BREAST DISEASES, metabolism/
*BREAST NEOPLASMS, metabolism/ CYSTS,
metabolism/ FEMALE/ HUMAN

3069. Mints SM, Padalka ES, Lazarovich VG: Vliyanie sverkhvysokochastotnogo elektromagnitnogo polia na sodержanie metallov i metalloproteinov v organakh i tkaniakh zhivotnykh. Biol Nauki 110:46-9, 1973 (Rus)
ANIMAL EXPERIMENTS/ BLOOD CHEMICAL
ANALYSIS/ BONE AND BONES, analysis/

CERULOPLASMIN, analysis/ COBALT,
analysis/ COLORIMETRY/ COPPER, analysis/
*ELECTROMAGNETICS/ IRON, analysis/
LIVER, analysis/ MALE/
*METALLOPROTEINS, analysis/ MUSCLES,
analysis/ POLAROGRAPHY/ TIME FACTORS/
*TRACE ELEMENTS, analysis/ TRANSFERRIN,
analysis/ ZINC, analysis

3070. Mintz U, Pinkhas J: [Modern treatment of adult acute non-lymphocytic leukemia] Harefuah 86:255-8, 1 Mar 74 (Heb)
ACUTE DISEASE/ ADULT/
*ANTINEOPLASTIC AGENTS, therapeutic use/
CYTARABINE, therapeutic use/ HUMAN/
*LEUKEMIA, drug therapy/ METHOTREXATE,
therapeutic use/ PREDNISONE, therapeutic
use/ VINCRISTINE, therapeutic use

3071. Mirmanova RP, Egart FM: K voprosu o pubertatno-lunoshekom dispitularizme u devushek. Aktual Probl Klin Biochem 49:64-7, Jul 73 (Rus)
ADOLESCENCE/ ADULT/ CHILD/ CHRONIC
DISEASE/ *CUSHING'S SYNDROME,
pathology/ ESTROGENS, urine/ FEMALE/
HUMAN/ 17-KETOSTEROIDS, urine

3072. Misra MP, Barat AK, Pathak L, et al: Value of prednisone test in the differential diagnosis of viral hepatitis and extrahepatic biliary obstruction. J Assoc Physicians India 21:211-3, Feb 73
BILIRUBIN, blood/ DIAGNOSIS,
DIFFERENTIAL/ FEMALE/ HEPATITIS,
INFECTIOUS, blood/ *HEPATITIS,
INFECTIOUS, diagnosis/ HUMAN/ JAUNDICE,
OBSTRUCTIVE, blood/ *JAUNDICE,
OBSTRUCTIVE, diagnosis/ MALE/
*PREDNISONE, diagnostic use

3073. Mitchel JS, Keesey RE: The effects of lateral hypothalamic lesions and castration upon the body weight and composition of male rats. Behav Biol 11:69-82, May 74
ADIPOSE TISSUE/ ANIMAL EXPERIMENTS/
*BODY COMPOSITION/ BODY WATER,
analysis/ *BODY WEIGHT/ BODY WEIGHT,
drug effects/ *CASTRATION/
*HYPOTHALAMUS, physiology/ MALE/ RATS/
TESTOSTERONE, pharmacodynamics/
TESTOSTERONE, physiology/ TIME FACTORS

3074. Mitchell JH, Wildenthal K, Johnson RL Jr: The effects of acid-base disturbances on cardiovascular and pulmonary function. Kidney Int 1:375-89, May 72 (104 ref.)
ACID-BASE EQUILIBRIUM/ *ACIDOSIS,
physiopathology/ ACIDOSIS, therapy/
ACIDOSIS, RESPIRATORY, physiopathology/
*ALKALOSIS, physiopathology/ ALKALOSIS,
RESPIRATORY, physiopathology/ ALTITUDE/
ANIMAL EXPERIMENTS/ BICARBONATES,
therapeutic use/ BLOOD PRESSURE/ BLOOD
VESSELS, physiopathology/ CALCIUM,
metabolism/ CARDIAC OUTPUT/
*CARDIOVASCULAR SYSTEM,
physiopathology/ CEREBROVASCULAR
CIRCULATION/ EXERTION/ HEART,
physiopathology/ HEART RATE/ HEART
VENTRICLE, physiology/ HUMAN/
HYDROGEN, metabolism/ OXYGEN
INHALATION THERAPY/ OXYHEMOGLOBIN,
metabolism/ POTASSIUM, physiology/
PROTEIN BINDING/ *RESPIRATORY
SYSTEM, physiopathology/ REVIEW/
VASCULAR RESISTANCE/
VENTILATION-PERFUSION RATIO

3075. Mitler MM, Cohen HB, Grattan J, et al: Sleep and serotonin in two strains of Mus musculus. Pharmacol Biochem Behav 1:501-7, Sep-Oct 73
ANIMAL EXPERIMENTS/ BRAIN STEM,
enzymology/ BRAIN STEM, metabolism/
CEREBRAL CORTEX, enzymology/ CEREBRAL
CORTEX, metabolism/ COMPARATIVE
STUDY/ ELECTRODES, IMPLANTED/
ELECTROENCEPHALOGRAPHY/
FLUOROMETRY/ MALE/ MICE/ MICE,
INBRED BALB C/ MICE, INBRED C57BL/
*SEROTONIN, metabolism/ *SLEEP/ SLEEP,
REM/ STRESS, metabolism/ TIME FACTORS/

AUTHOR SECTION

- TRYPTOPHAN, metabolism/ TRYPTOPHAN
HYDROXYLASE, metabolism
3076. Mittra I, Hayward JL, McNeilly AS:
Hypothalamic-pituitary-prolactin axis in breast cancer. *Lancet* 1:889-91, 11 May 74
ADULT/ AGED/ ANIMAL EXPERIMENTS/
BREAST NEOPLASMS, blood/ BREAST
NEOPLASMS, etiology/ *BREAST
NEOPLASMS, physiology/ CELL
TRANSFORMATION, NEOPLASTIC/ FEMALE/
HUMAN/ *HYPOTHALAMUS, physiology/
MIDDLE AGE/ PITUITARY GLAND, drug
effects/ PITUITARY GLAND, physiology/
*PROLACTIN, blood/ PROLACTIN, secretion/
RADIOIMMUNOASSAY/ RATS/ THYROID
HORMONES, blood/ THYROTROPIN
RELEASING HORMONE, administration &
dosage/ THYROTROPIN RELEASING
HORMONE, diagnostic use
3077. Mittra I, Hayward JL: Hypothalamic-pituitary-thyroid axis in breast cancer. *Lancet* 1:885-9, 11 May 74
ADULT/ AGED/ BLOOD SPECIMEN
COLLECTION/ BREAST NEOPLASMS, blood/
BREAST NEOPLASMS, etiology/ BREAST
NEOPLASMS, mortality/ *BREAST
NEOPLASMS, physiology/ COMPARATIVE
STUDY/ DOSE-RESPONSE RELATIONSHIP,
DRUG/ FEMALE/ HUMAN/
*HYPOTHALAMUS, physiology/
INJECTIONS, INTRAVENOUS/ MIDDLE AGE/
*PITUITARY GLAND, physiology/
RADIOIMMUNOASSAY/ *THYROID GLAND,
physiology/ THYROID HORMONES,
biosynthesis/ *THYROTROPIN, blood/
THYROTROPIN RELEASING HORMONE,
administration & dosage/ THYROTROPIN
RELEASING HORMONE, diagnostic use
3078. Miyake T, Hori T, Kato G, et al: 2Alpha,
3alpha-epithio-5alpha-androstan-17beta-YL
1-methoxycyclopentyl ether (10364-S), a new orally
active anti-estrogenic steroid.
Steroids 23:929-37, Jun 74
ADENOFIBROMA, drug therapy/
ANDROSTANES, administration & dosage/
*ANDROSTANES, pharmacodynamics/ ANIMAL
EXPERIMENTS/ CASTRATION/ ESTRADIOL,
administration & dosage/ ESTRADIOL,
metabolism/ ESTROGENS, antagonists &
inhibitors/ ETHERS, administration & dosage/
ETHERS, pharmacodynamics/ FEMALE/
FLUOXYMESTERONE, administration &
dosage/ FLUOXYMESTERONE,
pharmacodynamics/ *MAMMAE, drug effects/
MAMMARY NEOPLASMS, EXPERIMENTAL,
drug therapy/ ORGAN WEIGHT/ OVARY,
physiology/ SULFIDES, administration &
dosage/ SULFIDES, pharmacodynamics/
TETRAZOLIUM SALTS, metabolism/
UTERUS, drug effects/ *VAGINA, drug
effects/ VAGINA, physiology
3079. Miyamoto E, Kakiuchi S, Kakimoto Y: In vitro and in
vivo phosphorylation of myelin basic protein by
cerebral protein kinase. *Nature* 249:150-1, 10 May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
ADENOSINE TRIPHOSPHATE, metabolism/
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ *BRAIN, enzymology/
CATTLE/ ELECTROPHORESIS/
LIPOPROTEINS, metabolism/ *MYELIN
SHEATH/ *NERVE TISSUE PROTEINS,
metabolism/ PHOSPHORUS RADIOISOTOPES/
*PROTEIN KINASE, metabolism/ RATS/
SERINE, metabolism/ THREONINE,
metabolism
3080. Miyamoto E, Kakiuchi S: In vitro and in vivo
phosphorylation of myelin basic protein by exogenous
and endogenous adenosine
3':5'-monophosphate-dependent protein kinases in
brain. *J Biol Chem* 249:2769-77, 10 May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
*BRAIN, enzymology/ BRAIN CHEMISTRY/
CATTLE/ ELECTROPHORESIS, DISC/
ELECTROPHORESIS, PAPER/
ENCEPHALITOGENIC BASIC PROTEINS,
analysis/ *ENCEPHALITOGENIC BASIC
PROTEINS, metabolism/ ENCEPHALITOGENIC
BASIC PROTEINS, pharmacodynamics/
ENZYME ACTIVATION/ HISTONES,
pharmacodynamics/ MAGNESIUM,
pharmacodynamics/ MALE/ MYELIN SHEATH/
ORGANOPHOSPHORUS COMPOUNDS, isolation
& purification/ *PHOSPHATES, metabolism/
PHOSPHOLIPIDS/ PHOSPHORUS, analysis/
PHOSPHORUS RADIOISOTOPES/ *PROTEIN
KINASE, metabolism/ RATS/ SERINE,
isolation & purification/
STRUCTURE-ACTIVITY RELATIONSHIP/
THREONINE, isolation & purification
3081. Mizogami S, Sokabe H: Transcellular fluid formation
and vascular permeability increase by angiotensins.
Jap Circ J 37:1439-43, Dec 73
ANGIOTENSIN, biosynthesis/ *ANGIOTENSIN,
pharmacodynamics/ ANIMAL EXPERIMENTS/
*ASCITIC FLUID, secretion/ *BLOOD
VESSELS, drug effects/ *CAPILLARY
PERMEABILITY, drug effects/ FEMALE/
HEMATOCRIT/ *KIDNEY, metabolism/
KIDNEY CORTEX, metabolism/
NEPHRECTOMY/ NOREPINEPHRINE,
pharmacodynamics/ *PLEURAL EFFUSION,
secretion/ VASOPRESSIN, pharmacodynamics
3082. Moake JL, Landry PR, Oren ME, et al: Transient
peripheral plasmacytosis.
Am J Clin Pathol 62:8-15, Jul 74
*ADENOCARCINOMA, complications/
ALCOHOLISM, complications/ *BLOOD
TRANSFUSION, adverse effects/ BONE
MARROW, pathology/ DIETHYLSILBESTROL,
therapeutic use/ *DRUG HYPERSENSITIVITY/
FEMALE/ GEL DIFFUSION TESTS/
HEMORRHAGE, GASTROINTESTINAL,
complications/ HUMAN/
HYPERGAMMAGLOBULINEMIA, complications/
*IMMUNIZATION/
IMMUNOELECTROPHORESIS/
IMMUNOGLOBULINS, analysis/ IRON,
therapeutic use/ LIVER DISEASES,
complications/ LYMPHOCYTES/ MALE/
*PLASMA CELLS, immunology/
PLASMAPHERESIS/ PREDNISONE, therapeutic
use/ *PROSTATIC NEOPLASMS,
complications/ SULFONAMIDES, adverse
effects/ TETANUS, prevention & control/
*WOUNDS, GUNSHOT, complications
3083. Mobbs BG, Connolly JG, Johnson IE, et al: Effect of
"medical" and surgical adrenalectomy on the ventral
prostate and other accessory sex glands of the male
rat. *Can J Surg* 17:162-6, May 74
*ADRENAL CORTEX HORMONES, antagonists
& inhibitors/ ADRENAL CORTEX
HORMONES, secretion/ ADRENAL GLANDS,
drug effects/ *ADRENALECTOMY/
*AMINOGLUTETHIMIDE, pharmacodynamics/
ANIMAL EXPERIMENTS/ CITRATES,
metabolism/ CORTICOTROPIN, secretion/
MALE/ NUCLEIC ACIDS, metabolism/ ORGAN
WEIGHT/ PROSTATE, drug effects/
PROSTATE, metabolism/ *PROSTATE,
physiology/ RATS/ SEMINAL VESICLES, drug
effects/ SEMINAL VESICLES, metabolism/
*SEMINAL VESICLES, physiology
3084. Mobley JE, Hardison W: Nephrolithiasis following
intestinal bypass for obesity. *Urology* 3:639-41, May 74
ADULT/ CALCIUM, metabolism/
CHOLESTYRAMINE, therapeutic use/ DIET
THERAPY/ HUMAN/ *ILEUM, surgery/
*JEJUNUM, surgery/ *KIDNEY CALCULI,
etiology/ KIDNEY CALCULI, metabolism/
KIDNEY CALCULI, prevention & control/
KIDNEY CALCULI, radiography/ MALE/
*OBESITY, surgery/ OXALATES, metabolism/
OXALATES, urine/ *POSTOPERATIVE
COMPLICATIONS/ UROGRAPHY
3085. Modafferi TR, Rosen H, Chandler JG, et al: The role of
the renin-angiotensin system in the aldosterone
response to acute hemorrhage.
Surg Forum 23:22-3, 1972
*ALDOSTERONE, secretion/ *ANGIOTENSIN,
blood/ ANIMAL EXPERIMENTS/

AUTHOR SECTION

- HYDROCORTISONE, secretion/ *RENIN, blood/ SHOCK, HEMORRHAGIC, blood/ *SHOCK, HEMORRHAGIC, physiopathology
3086. **Modigh K:** Functional aspects of 5-hydroxytryptamine turnover in the central nervous system. *Acta Physiol Scand [Suppl]* 403:1-56, 1974
ACETAMIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIDEPRESSIVE AGENTS, pharmacodynamics/ BRAIN, drug effects/ *BRAIN, metabolism/ CATECHOLAMINES, metabolism/ DEPRESSION, CHEMICAL/ DOPA, pharmacodynamics/ HYDRAZINES, pharmacodynamics/ HYDROXYTRYPTOPHAN, metabolism/ *HYDROXYTRYPTOPHAN, pharmacodynamics/ *IMIPRAMINE, pharmacodynamics/ MALE/ METHYLDOPA, pharmacodynamics/ *MOTOR ACTIVITY, drug effects/ *NIALAMIDE, pharmacodynamics/ RECEPTORS, DRUG/ RESERPINE, pharmacodynamics/ *SEROTONIN, metabolism/ STIMULATION, CHEMICAL/ STRESS, PSYCHOLOGICAL/ TRYPTOPHAN, metabolism/ *TRYPTOPHAN, pharmacodynamics/ TYROSINE, pharmacodynamics
3087. **Moe N:** Induksjon av fødsel med prostaglandin F2 alpha (PGF2 alpha). *Tidsskr Nor Lægeforen* 94:1132-4, 20 Jun 74 (Nor)
FEMALE/ FETAL DEATH/ HUMAN/ *LABOR, INDUCED/ PELVIMETRY/ *PROSTAGLANDINS, therapeutic use
3088. **Moellmann G, Lerner AB, Hendee JR Jr:** The mechanism of frog skin lightening by acetylcholine. *Gen Comp Endocrinol* 23:45-51, May 74
*ACETYLCHOLINE, pharmacodynamics/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CAFFEINE, pharmacodynamics/ FROGS/ IN VITRO/ ISOPROTERENOL, pharmacodynamics/ *MELANOCYTES, drug effects/ MSH, pharmacodynamics/ *RANA PIPIENS, physiology/ *SKIN, drug effects/ THEOPHYLLINE, pharmacodynamics/ TIME FACTORS
3089. **Moens FB:** Quantitative electron microscopy of chromosome organization at meiotic prophase. *Cold Spring Harbor Symp Quant Biol* 38:99-107, 1973
ANIMAL EXPERIMENTS/ CELL NUCLEOLUS/ *CHROMOSOMES/ GENES/ *GRASSHOPPERS, cytology/ KARYOTYPING/ MALE/ *MEIOSIS/ MICROSCOPY, ELECTRON/ ORGANIDS/ SEX CHROMOSOMES/ SPERMATOOA, cytology
3090. **Moertel CG:** Cancer of the gastrointestinal tract. Chemotherapy. *JAMA* 228:1290-1, 3 Jun 74
ANTINEOPLASTIC AGENTS, therapeutic use/ CAMPTOTHECIN, therapeutic use/ CARMUSTINE, therapeutic use/ CYCLOHEXANE, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, COMBINATION/ FLUOROMETHOLONE, therapeutic use/ FLUOROURACIL, therapeutic use/ HUMAN/ HYDROXYUREA, therapeutic use/ MITOMYCIN, therapeutic use/ NITROSOUREA COMPOUNDS, therapeutic use/ REMISSION/ *STOMACH NEOPLASMS, drug therapy/ STREPTONIGRIN, therapeutic use/ TIME FACTORS
3091. **Moertel CG, Schutt AJ, Reitemeier RJ, et al:** Corticosteroid therapy of preterminal gastrointestinal cancer. *Cancer* 33:1607-9, Jun 74
*ADENOCARCINOMA, drug therapy/ CLINICAL RESEARCH/ DEXAMETHASONE, administration & dosage/ DEXAMETHASONE, adverse effects/ *DEXAMETHASONE, therapeutic use/ DRUG EVALUATION/ *GASTROINTESTINAL NEOPLASMS, drug therapy/ GASTROINTESTINAL NEOPLASMS, mortality/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ PALLIATIVE TREATMENT/ PLACEBOS
3092. **Moffat DB, Williams MM:** The effect of antidiuretic hormone on the extravascular protein in the renal medulla. *Experientia* 30:556-7, 15 May 74
*ALBUMINS, metabolism/ ANIMAL EXPERIMENTS/ CAPILLARY PERMEABILITY/ DIURESIS/ DYES/ KIDNEY, metabolism/ KIDNEY MEDULLA, blood supply/ KIDNEY MEDULLA, drug effects/ KIDNEY MEDULLA, metabolism/ MALE/ RATS/ *VASOPRESSIN, pharmacodynamics
3093. **Moffitt EA, Schnelle N, Rodriguez R, et al:** Effects of intravenously administered solutions on electrolytes and energy substrates during surgery. *Can Anaesth Soc J* 21:285-93, May 74
ABDOMEN, surgery/ ACID-BASE EQUILIBRIUM, drug effects/ ANTIGENS, analysis/ BICARBONATES, blood/ BLOOD SUGAR, analysis/ *CALCIUM, blood/ CARBOHYDRATES, metabolism/ CARBON DIOXIDE, blood/ *ENERGY METABOLISM, drug effects/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCOSE, administration & dosage/ HUMAN/ *INFUSIONS, PARENTERAL/ INSULIN, blood/ ISOTONIC SOLUTIONS, administration & dosage/ KETONE BODIES, blood/ LACTATES, administration & dosage/ LACTATES, metabolism/ LIPIDS, metabolism/ MALE/ OSMOLAR CONCENTRATION/ *OXYGEN, blood/ *POTASSIUM, blood/ PYRUVATES, metabolism/ *SODIUM, blood/ SOMATOTROPIN, blood/ *SURGERY, OPERATIVE
3094. **Mogensen B, Kissmeyer-Nielsen F:** Invasive mole, gestational choriocarcinoma and transplantation antigens. *Ser Haematol* 5:22-43, 1972
ABO FACTORS/ *CHORIOADENOMA, immunology/ CHORIOADENOMA, metabolism/ *CHORIOCARCINOMA, immunology/ CHORIOCARCINOMA, metabolism/ CROSS REACTIONS/ FEMALE/ GONADOTROPINS, CHORIONIC, metabolism/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ HUMAN/ HYDATIDIFORM MOLE, immunology/ HYDATIDIFORM MOLE, metabolism/ MALE/ MICE/ PHENOTYPE/ PROGNOSIS/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY/ TROPHOBLAST, immunology/ *TROPHOBLASTIC TUMOR, diagnosis
3095. **Moghissi KS:** Prostaglandins in reproduction. *Obstet Gynecol Annu* 1:297-337, 1972 (151 ref.)
ABORTION, THERAPEUTIC/ AMNIOTIC FLUID, analysis/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CONTRACEPTION/ DYSMENORRHEA, drug therapy/ FALLOPIAN TUBES, drug effects/ FEMALE/ HEMORRHAGE, POSTPARTUM, prevention & control/ HUMAN/ LABOR, drug effects/ LABOR, INDUCED/ MALE/ OVARY, drug effects/ PROSTAGLANDINS, analysis/ PROSTAGLANDINS, biosynthesis/ *PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, physiology/ *REPRODUCTION, drug effects/ REVIEW/ UMBILICAL CORD, analysis/ UROGENITAL SYSTEM, drug effects/ UTERUS, drug effects
3096. **Moise SL Jr, Costin A:** Hippocampal, hypothalamic and lateral geniculate activity during visual discrimination in the monkey. *Physiol Behav* 12:835-41, May 74
ANIMAL EXPERIMENTS/ AROUSAL/ *COLOR PERCEPTION/ CONDITIONING, OPERANT/ *DISCRIMINATION LEARNING/ ELECTRODES, IMPLANTED/ ELECTROENCEPHALOGRAPHY/ FEMALE/ *GENICULATE BODIES, physiology/ *HIPPOCAMPUS, physiology/ *HYPOTHALAMUS, physiology/ MACACA/

AUTHOR SECTION

- MALE/ MEMORY/ MOTOR ACTIVITY/
PHOTIC STIMULATION/ REVERSAL
LEARNING
3097. Molinatti GM, Messina M, Isala GC, et al: La sindrome di Klinefelter. Rilevi clinici, laboratoristici, psichiatrici, citogenetici ed istopatologici in 28 casi personali. *Minerva Med* 65:1009-31, 14 Mar 74 (Ita)
ADOLESCENCE/ ADULT/ BIOPSY/
CYTOGENETICS/ GERM CELLS/ HUMAN/
17-HYDROXYCORTICOSTEROIDS, urine/
INTELLIGENCE TESTS/ 17-KETOSTEROIDS,
urine/ KLINEFELTER'S SYNDROME,
complications/ *KLINEFELTER'S SYNDROME,
diagnosis/ KLINEFELTER'S SYNDROME,
familial & genetic/ KLINEFELTER'S
SYNDROME, pathology/ KLINEFELTER'S
SYNDROME, urine/ MALE/ MATERNAL AGE/
MENTAL RETARDATION, etiology/
PUBERTY/ TESTIS, pathology
3098. Molino G, Cavanna A, Avagnina P, et al: Modificazioni del profilo steroidurico gas-cromatografico indotte da stimolazione corticotropinica protratta. *Folia Endocrinol (Roma)* 27:272-8, Jun 74 (Ita)
ADOLESCENCE/ ADRENAL CORTEX
HORMONES, analysis/ *ADRENAL CORTEX
HORMONES, urine/ ADULT/
CHROMATOGRAPHY, GAS/
CORTICOTROPIN, pharmacodynamics/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
STEROID HYDROXYLASES, blood
3099. Molitor MP: Commentaires sur l'utilisation du MPA 150 dans un Centre de Planning Familial. *Bull Soc Sci Med Grand Duche Luxemb* 111:49-53, Apr 74 (Fre)
ADULT/ CEREBRAL EMBOLISM AND
THROMBOSIS, chemically induced/
*CONTRACEPTIVES, ORAL, administration &
dosage/ CONTRACEPTIVES, ORAL, adverse
effects/ *FAMILY PLANNING/ FEMALE/
HUMAN/ INJECTIONS, INTRAMUSCULAR/
LACTATION DISORDERS, chemically induced/
LIBIDO, drug effects/
*MEDROXYPROGESTERONE, administration &
dosage/ MEDROXYPROGESTERONE, adverse
effects/ OBESITY, chemically induced/
THINNESS/ THROMBOSIS, chemically induced
3100. Moll W, Künzel W: Der uteroplazentare Kreislauf. *Z Geburtshilfe Perinatol* 178:1-18, Feb 74 (82 ref.) (Ger)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/
ENGLISH ABSTRACT/ GUINEA PIGS/
HUMAN/ INFARCTION, physiopathology/
LABOR/ MATERNAL-FETAL EXCHANGE/
MUSCLE CONTRACTION/ *PLACENTA, blood
supply/ PLACENTA, physiopathology/
PLACENTA DISORDERS, physiopathology/
PREGNANCY/ PREGNANCY TOXEMIAS,
physiopathology/ REGIONAL BLOOD FLOW/
REVIEW/ *UTERUS, blood supply/ UTERUS,
drug effects/ UTERUS, innervation/ UTERUS,
physiopathology/ VASOCONSTRICTOR
AGENTS, pharmacodynamics/ VASODILATOR
AGENTS, pharmacodynamics
3101. Moller JE, Raahave D: Gastric localization of endodermal sinus tumour. *Acta Pathol Microbiol Scand [A]* 82:179-81, Mar 74
ADULT/ AUTOPSY/ HEPATECTOMY/
HUMAN/ *LIVER NEOPLASMS, pathology/
LIVER NEOPLASMS, therapy/ LUNG
NEOPLASMS/ MALE/ NEOPLASM
METASTASIS/ *NEOPLASMS, EMBRYONAL
AND MIXED, pathology/ NEOPLASMS,
EMBRYONAL AND MIXED, surgery/
NEOPLASMS, EMBRYONAL AND MIXED,
therapy/ POSTOPERATIVE COMPLICATIONS/
*STOMACH NEOPLASMS, pathology/
STOMACH NEOPLASMS, surgery/ *TERATOID
TUMOR, pathology/ *TESTICULAR
NEOPLASMS, pathology
3102. Möller W: Zur Cytologie eines circadian aktiven neuroendocrinen Organs (Pinealorgan) in vitro. *Verh Anat Ges* 67:375-8, 1972 (Ger)
ANIMAL EXPERIMENTS/ *BIRDS/
*CIRCADIAN RHYTHM/ ENGLISH
- ABSTRACT/ IN VITRO/ *PINEAL BODY,
cytology/ TRYPTOPHAN
3103. Molostova GV, Labeeva TN: Svlaz' funktsional'nogo sostoiannya gipotalamusa i immunologicheskoi reaktivnosti pri serdechnoi nedosta tochnosti. *Kardiologiya* 15:51-4, 1974 (Rus)
ENGLISH ABSTRACT/ *HEART DISEASES,
immunology/ HEMODYNAMICS/ HUMAN/
*HYPOTHALAMUS, physiopathology/
NEUROSECRETORY SYSTEMS,
physiopathology/ PHAGOCYTOSIS/
*RHEUMATIC HEART DISEASE, immunology/
RHEUMATIC HEART DISEASE,
physiopathology
3104. Monaco F, Andreoli M, Beretta-Anguisola A: Isolation and characterization of soluble and particulate thyroid iodoproteins in human congenital goiter. *Horm Res* 5:141-55, 1974
CENTRIFUGATION, DENSITY GRADIENT/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ GEL DIFFUSION TESTS/ *GOITER,
congenital/ GOITER, metabolism/ HUMAN/
HYDROGEN-ION CONCENTRATION/
IMMUNOELECTROPHORESIS/ IODINE
RADIOISOTOPES/ IODOPROTEINS, isolation &
purification/ *IODOPROTEINS, metabolism/
MALE/ NEURAMINIC ACIDS, analysis/
OSMOLAR CONCENTRATION/ RABBITS,
immunology/ SERUM ALBUMIN, metabolism/
SOLUBILITY/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ THYROGLOBULIN,
metabolism/ THYROID GLAND, analysis/
*THYROID GLAND, metabolism/ THYRONINE,
analysis/ TRIIODOTHYRONINE, analysis
3105. Monakhov NK, Obol'nikova EA, Igda LG, et al: Nekotorye pikaizati energeticheskogo obmena v tkaniakh myshej s progressivnoi myshechnoi distrofiei pri vozdeistvii ubikhinona. *Vopr Med Khim* 20:276-84, May 74 (Rus)
ADENOSINE TRIPHOSPHATASE, metabolism/
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ CALCIUM, metabolism/
CALCIUM RADIOISOTOPES/
CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ ELECTRIC
STIMULATION/ ELECTROMYOGRAPHY/
*ENERGY METABOLISM, drug effects/
ENGLISH ABSTRACT/ KIDNEY, analysis/
LIVER, analysis/ MICE, INBRED C3H/ MICE,
INBRED STRAINS/ MUSCLES, analysis/
MUSCULAR DYSTROPHY, ANIMAL, drug
therapy/ *MUSCULAR DYSTROPHY, ANIMAL,
metabolism/ MYOCARDIUM, analysis/
SARCOPLASMIC RETICULUM, enzymology/
SPECTRUM ANALYSIS, MASS/ UBIQUINONE,
analysis/ *UBIQUINONE, therapeutic use
3106. Moncada S, Ferreira SH, Vane JR: The blockade of the local generation of prostaglandins explains the analgesic action of aspirin. *Pol J Pharmacol Pharm* 26:77, Jan-Apr 74
ANIMAL EXPERIMENTS/ *ASPIRIN,
pharmacodynamics/ BRADYKININ,
pharmacodynamics/ DRUG SYNERGISM/
INDOMETHACIN, pharmacodynamics/ PAIN/
PROSTAGLANDINS, antagonists & inhibitors/
*PROSTAGLANDINS, biosynthesis
3107. Moneta E, Menini E, Scirpa P, et al: Urinary excretion of steroids in a case of hydatidiform mole with ascites. *Obstet Gynecol* 44:47-52, Jul 74
ALKALINE PHOSPHATASE, blood/
AMINOTRANSFERASES, blood/ ASCITES,
complications/ *ASCITES, urine/ BILIRUBIN,
blood/ BLOOD PROTEINS, analysis/
CURETTAGE/ *ESTROGENS, urine/ FEMALE/
*GONADOTROPINS, CHORIONIC, urine/
HUMAN/ HYDATIDIFORM MOLE, blood/
HYDATIDIFORM MOLE, complications/
*HYDATIDIFORM MOLE, urine/ POTASSIUM,
blood/ *PREGNANCY COMPLICATIONS,
urine/ *PREGNANEDIOL, urine/
*PREGNANETRIOL, urine
3108. Money J, Ogunro C: Behavioral sexology: ten cases of genetic male intersexuality with impaired prenatal and pubertal androgenization.

AUTHOR SECTION

Arch Sex Behav 3:181-205, May 74

ACHIEVEMENT/ ADAPTATION,
PSYCHOLOGICAL/ *ANDROGENS, physiology/
CLITORIS, surgery/ COMPETITIVE
BEHAVIOR/ FEMALE/ FEMINIZATION/
HUMAN/ IDENTIFICATION (PSYCHOLOGY)/
INTELLIGENCE/ MALE/ PENIS, surgery/
*PSEUDOHERMAPHRODITISM, familial &
genetic/ *SEX BEHAVIOR/ *SOCIAL
BEHAVIOR/ SPORTS/ SYNDROME/ TESTIS,
surgery/ TESTOSTERONE, pharmacodynamics/
VIRILISM

3109. Montaguti A, Crimi C, Biasini GC: Su di un caso di pseudopubertà precoce con quadro ormonale anormale.

Minerva Pediatr 26:235-40, 18 Feb 74 (Ita)

CASE REPORT/ CHILD, PRESCHOOL/
ENGLISH ABSTRACT/ FEMALE/
*GONADOTROPINS, blood/ HUMAN/
*PUBERTY, PRECOCIOUS, blood/ PUBERTY,
PRECOCIOUS, pathology

3110. Monti A: Il sesso degli eritrociti. La NASA inaugura le ricerche biologiche nel sesso femminile. Lo spazio è aperto alle figlie di Eva? Perché gli eritrociti femminili sono più vulnerabili di quelli maschili? Quale il ruolo giocato dagli ormoni.

Minerva Med 65:1603-4, 14 Apr 74 (Ita)

*AVIATION MEDICINE/ CORPUS LUTEUM
HORMONES/ ERYTHROCYTE AGING/
*ERYTHROCYTES/ ESTROGENS/ FEMALE/
FUTUROLOGY/ HUMAN/ RESEARCH/ SEX
FACTORS/ *SPACE FLIGHT/
WEIGHTLESSNESS/ *WOMEN

3111. Montoro Marín P, Rodríguez Bermejo M, Rulpérez Abizanda JA, et al: Una variedad de síndrome de Turner, con ovarios normales e hipertrofia cardíaca idiomática.

Rev Iber Endocrinol 21:241-62, May 74 (Spa)

CLEFT PALATE, complications/
COMPARATIVE STUDY/ DIAGNOSIS,
DIFFERENTIAL/ ELECTROCARDIOGRAPHY/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
KARYOTYPING/ KYPHOSIS, complications/
MENTAL RETARDATION, complications/
*MYOCARDIAL DISEASES, PRIMARY,
complications/ MYOCARDIAL DISEASES,
PRIMARY, pathology/ *MYOCARDIUM,
pathology/ OVARY, pathology/ SCOLIOSIS,
complications/ SPINA BIFIDA, complications/
SYNDROME/ *TURNER'S SYNDROME,
complications/ TURNER'S SYNDROME,
pathology

3112. Montoya E, Herrera E: Effect of thyroid status on glycerol metabolism in adipose tissue of fasted male rats. Horm Res 5:129-40, 1974

ADIPOSE TISSUE, drug effects/ *ADIPOSE
TISSUE, metabolism/ ANIMAL
EXPERIMENTS/ BIOLOGICAL TRANSPORT/
BODY WEIGHT/ CARBON RADIOISOTOPES/
COMPARATIVE STUDY/ EPIDIDYMS/
FASTING/ *GLYCERIN, metabolism/
HYPERTHYROIDISM, metabolism/
HYPOTHYROIDISM, metabolism/ IODINE
RADIOISOTOPES/ LIPID MOBILIZATION,
drug effects/ MALE/ REGRESSION
ANALYSIS/ *THYROID GLAND, physiology/
THYROIDECTOMY/ THYROXINE,
pharmacodynamics/ TIME FACTORS

3113. Montz R, Hehrmann R, Schneider C, et al: Calciumstoffwechsel bei Hyperthyreose.

Radiologe 14:166-72, Apr 74 (Ger)

AGE FACTORS/ BONE AND BONES,
metabolism/ CALCANEUS, metabolism/
CALCIUM, blood/ *CALCIUM, metabolism/
CALCIUM RADIOISOTOPES/ CREATININE,
metabolism/ FEMALE/ HUMAN/
HYPERTHYROIDISM, blood/
HYPERTHYROIDISM, complications/
*HYPERTHYROIDISM, metabolism/
HYPOCALCEMIA, etiology/ IODINE
RADIOISOTOPES, diagnostic use/ MALE/
OSTEOPOROSIS, metabolism/ PHOSPHATES,
metabolism/ SCINTILLATION COUNTERS/
SEX FACTORS/ SPINE

3114. Moor P de, Bouillon R: Recent advances in the pathophysiology of the parathyroid glands.

Verh K Vlaam Acad Geneesk Belg 36:106-34, 1974

CALCITONIN, pharmacodynamics/ CALCIUM,
blood/ CALCIUM, metabolism/
CHOLESTEROL, blood/ EDTA,
pharmacodynamics/ HUMAN/
HYPERPARATHYROIDISM, metabolism/
HYPERPARATHYROIDISM, surgery/
HYPERTHYROIDISM, physiopathology/
HYPOTHYROIDISM, physiopathology/ IMMUNE
SERUMS/ IODINE RADIOISOTOPES/ KIDNEY
FAILURE, CHRONIC, metabolism/
PARATHYROID GLANDS, pathology/
*PARATHYROID GLANDS, physiopathology/
PARATHYROID GLANDS, surgery/
PARATHYROID HORMONE, analysis/
PHOSPHORUS, metabolism/
RADIOIMMUNOASSAY, standards/ VITAMIN
D, pharmacodynamics

3115. Moor P de, Bouillon R: Enkele endocrinologische afwijkingen van het calcium en fosfor metabolisme. Acta Clin Belg 28:312-22, 1973 (Dut)

ALKALINE PHOSPHATASE, blood/
CALCITONIN, secretion/ CALCIUM, blood/
*CALCIUM, metabolism/ CALCIUM, urine/
EDTA, metabolism/ EDTA, therapeutic use/
ENGLISH ABSTRACT/ HUMAN/
HYDROXYPROLINE, urine/
HYPERCALCEMIA, metabolism/
HYPERPARATHYROIDISM, metabolism/
HYPOPARATHYROIDISM, metabolism/
MITHRAMYCIN, therapeutic use/ MODELS,
THEORETICAL/ PARATHYROID HORMONE,
blood/ PHOSPHORUS, blood/ *PHOSPHORUS,
metabolism

3116. Moor RM: The ovarian follicle of the sheep: inhibition of oestrogen secretion by luteinizing hormone. J Endocrinol 61:455-63, Jun 74

ANIMAL EXPERIMENTS/ CORPUS LUTEUM,
physiology/ DEPRESSION, CHEMICAL/
ESTROGENS, blood/ *ESTROGENS, secretion/
ESTRUS/ FEMALE/ GONADOTROPINS,
EQUINE/ *GRAAFIAN FOLLICLE, secretion/
IN VITRO/ LH, pharmacodynamics/ *LH,
physiology/ ORGAN CULTURE/
PROGESTERONE, secretion/ SECRETORY
RATE, drug effects/ SHEEP/ TIME FACTORS

3117. Moore MA, Metcalf D: Cytogenetic analysis of human acute and chronic myeloid leukemic cells cloned in agar culture. Int J Cancer 11:143-52, 15 Jan 73

BONE MARROW CELLS/ BUSULFAN,
therapeutic use/ CELL DIFFERENTIATION/
CELL DIVISION/ CELLS, CULTURED/
*CHROMOSOME ABERRATIONS/
CHROMOSOMES, HUMAN, 6-12/
CHROMOSOMES, HUMAN, 21-22/ CLONE
CELLS/ CULTURE MEDIA/ FEMALE/
HUMAN/ KARYOTYPING/ LEUKEMIA,
MONOBLASTIC, familial & genetic/
LEUKEMIA, MONOCYTIC, drug therapy/
*LEUKEMIA, MONOCYTIC, familial & genetic/
LEUKEMIA, MYELOBLASTIC, familial &
genetic/ LEUKEMIA, MYELOCYTIC, drug
therapy/ *LEUKEMIA, MYELOCYTIC, familial
& genetic/ LEUKOCYTES/ MALE/ SEX
CHROMOSOMES

3118. Moore MR, Goldberg A, Carr K, et al: Biochemical and electron-microscopical studies of chronic lead exposure in the heart and other organs in rats. Scott Med J 19:155-6, May 74

AMINOLEVULINIC ACID DEHYDRATASE,
analysis/ AMINOLEVULINIC ACID
SYNTHETASE, analysis/ ANIMAL
EXPERIMENTS/ BONE AND BONES,
enzymology/ *CORONARY DISEASE,
chemically induced/ HISTOCYTOCHEMISTRY/
HUMAN/ IRON/ KIDNEY, enzymology/ LEAD
POISONING, complications/ *LEAD
POISONING, enzymology/ LYASES, analysis/
MITOCHONDRIA, LIVER, enzymology/
PAPILLARY MUSCLES, enzymology/ RATS/
WATER SUPPLY

3119. Moore MR, Faxton JW, Beattie AD, et al: 17-Oxosteroid control of porphyrin biosynthesis.

AUTHOR SECTION

- Enzyme 16:314-25, 1973
ACUTE DISEASE/ ADULT/
AMINOLEVULINIC ACID SYNTHETASE,
metabolism/ ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, GAS/ CYCLOHEXIMIDE,
pharmacodynamics/ DACTINOMYCIN,
pharmacodynamics/ DEXAMETHASONE,
therapeutic use/ FEMALE/ GLUCURONATES,
urine/ HUMAN/ 17-KETOSTEROIDS, blood/
*17-KETOSTEROIDS, metabolism/
17-KETOSTEROIDS, urine/ LIVER, drug
effects/ LIVER, enzymology/ MALE/ MIDDLE
AGE/ PORPHOBILINOGEN, urine/
PORPHYRIA, blood/ PORPHYRIA, drug
therapy/ *PORPHYRIA, metabolism/
PORPHYRIA, urine/ *PORPHYRINS,
biosynthesis/ PORPHYRINS, urine/ RATS/
REMISSION/ SULFURIC ACIDS, urine
3120. Mootz W: Morphologische Untersuchungen am Epithel
der Gaumenmandel unter besonderer
Berücksichtigung der Retikullierung.
Ann Univ Sarav [Med] 20:245-305, 1973 (Ger)
ADRENAL CORTEX HORMONES, physiology/
ANIMAL EXPERIMENTS/ CELL NUCLEUS/
CORTISONE, pharmacodynamics/ CYTOPLASM/
DESOXYCORTICOSTERONE,
pharmacodynamics/ EPITHELIUM, anatomy &
histology/ EPITHELIUM, blood supply/
EPITHELIUM, cytology/ EPITHELIUM, drug
effects/ HUMAN/ LANGERHANS CELLS,
physiology/ *LYMPHOID TISSUE, anatomy &
histology/ LYMPHOID TISSUE, cytology/
METHYLPREDNISOLONE, pharmacodynamics/
MICROSCOPY/ MICROSCOPY, ELECTRON/
MUCOUS MEMBRANE, anatomy & histology/
*NASOPHARYNX, anatomy & histology/
NASOPHARYNX, cytology/ TONSIL, growth &
development/ TONSIL, physiology
3121. Moracci FM, Liberatore F: Synthesis and
pharmacological properties of
5a,6,7,8,9,10,10a,11-octahydrobenzo(b)cyclohepta(e)-
(1,4)thiazine derivatives. J Med Chem 17:463-5, Apr 74
ACETYLCHOLINE, antagonists & inhibitors/
ALKYLATION/ ANIMAL EXPERIMENTS/
ANTI-HISTAMINICS, chem synthesis/
ANTI-HISTAMINICS, pharmacodynamics/
ATROPINE, pharmacodynamics/
BARBITURATES, pharmacodynamics/
BEHAVIOR, ANIMAL, drug effects/
CHLORPHENIRAMINE, pharmacodynamics/
CYCLOHEPTANES, chem synthesis/
CYCLOHEPTANES, pharmacodynamics/ DRUG
SYNERGISM/ DUODENUM, drug effects/
GUINEA PIGS/ ILEUM, drug effects/ IN
VITRO/ MALE/ MICE/ MOTOR ACTIVITY,
drug effects/ MUSCLE CONTRACTION, drug
effects/ OXIDATION-REDUCTION/
SEROTONIN, antagonists & inhibitors/ SLEEP,
drug effects/ *THIAZINES, chem synthesis/
THIAZINES, pharmacodynamics/ TIME
FACTORS
3122. Morales A, Bruce AW: Effects of inhibition of steroid
biosynthesis on the lymphoid system.
Invest Urol 12:54-6, Jul 74
*ADRENAL CORTEX HORMONES,
biosynthesis/ ADRENAL GLANDS, metabolism/
ADRENAL GLANDS, pathology/
AMINOGLUTETHIMIDE, administration &
dosage/ *AMINOGLUTETHIMIDE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CHOLESTEROL, metabolism/ CYTOPLASM/
DEPRESSION, CHEMICAL/ HYPERPLASIA,
etiology/ HYPERPLASIA, pathology/
INJECTIONS, INTRAPERITONEAL/
LEUKOCYTE COUNT/ LYMPH NODES,
pathology/ LYMPHOCYTES/ *LYMPHOID
TISSUE, drug effects/ MALE/ TIME
FACTORS
3123. Morali G, Larsson K, Pérez-Palacios G, et al:
Testosterone, androstenedione, and androstenediol:
effects on the initiation of mating behavior of
inexperienced castrated male rats.
Horm Behav 5:103-10, Mar 74
ANDROSTENEDIONE,
administration & dosage/
*ANDROSTENEDIONE, pharmacodynamics/
ANDROSTENOLS, administration & dosage/
*ANDROSTENOLS, pharmacodynamics/
ANIMAL EXPERIMENTS/ BENZOATES,
pharmacodynamics/ CASTRATION/ COITUS,
drug effects/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ EJACULATION, drug
effects/ ESTRADIOL, pharmacodynamics/
FEMALE/ MALE/ ORGAN WEIGHT/
PROSTATE, anatomy & histology/ PROSTATE,
drug effects/ RATS/ SEMINAL VESICLES,
anatomy & histology/ *SEX BEHAVIOR,
ANIMAL, drug effects/ STIMULATION,
CHEMICAL/ TESTIS, physiology/
TESTOSTERONE, administration & dosage/
*TESTOSTERONE, pharmacodynamics/ TIME
FACTORS
3124. Mordvinkina TN: Glukokortikoidnala aktivnost' kory
nadpochechnikov i soderzhanie uropesinogena posle
khirurgicheskogo vmeshatel'stva pri oslozhnennoi
lazvennoi bolezni.
Vestn Khir 112:137-41, May 74 (98 ref.) (Rus)
*ADRENAL GLANDS, physiopathology/
FOLLOW-UP STUDIES/ *GLUCOCORTICIDS,
urine/ HUMAN/
17-HYDROXYCORTICOSTEROIDS, urine/
17-KETOSTEROIDS, urine/ *PEPTIC ULCER
HEMORRHAGE, physiopathology/ PEPTIC
ULCER HEMORRHAGE, urine/ *PEPTIC
ULCER PERFORATION, physiopathology/
PEPTIC ULCER PERFORATION, urine/
POSTOPERATIVE CARE/ REVIEW/ STOMACH
ULCER, complications/ STOMACH ULCER,
physiopathology/ STOMACH ULCER, surgery/
*STOMACH ULCER, urine/ *UROPEPSIN,
urine
3125. Morgan DB: Calcium and phosphate metabolism and
the bone. Prog Surg 10:24-75, 1972 (111 ref.)
ADRENAL CORTEX HORMONES, adverse
effects/ *BONE AND BONES, metabolism/
BONE DEVELOPMENT/ CALCITONIN,
physiology/ CALCIUM, blood/ *CALCIUM,
metabolism/ DIET/ GASTRECTOMY, adverse
effects/ HOMEOSTASIS/ HUMAN/
HYPERCALCEMIA, complications/
HYPERPARATHYROIDISM, etiology/
HYPOCALCEMIA, complications/
HYPOPARATHYROIDISM, etiology/
IMMOBILIZATION/ INTESTINAL
ABSORPTION/ KIDNEY CALCULI,
complications/ KIDNEY CALCULI, etiology/
KIDNEY TUBULES, metabolism/ NEOPLASMS,
complications/ OSTEOMALACIA, complications/
OSTEOPOROSIS, complications/
PARATHYROID HORMONE, physiology/
PHOSPHATES, blood/ *PHOSPHATES,
metabolism/ REVIEW/ VITAMIN D,
pharmacodynamics
3126. Morgan DR: Routine birth induction in rabbits using
oxytocin. Lab Anim 8:127-30, May 74
ANIMAL EXPERIMENTS/ ANIMALS,
NEWBORN/ CESAREAN SECTION, veterinary/
COMPARATIVE STUDY/ FEMALE/
INJECTIONS, INTRAVENOUS/ *LABOR,
INDUCED, veterinary/ OXYTOCIN,
administration & dosage/ *OXYTOCIN,
pharmacodynamics/ PREGNANCY/ *RABBITS,
physiology
3127. Morgan FJ, Canfield RE, Vaitukaitis JL, et al:
Properties of the subunits of human chorionic
gonadotropin. Endocrinology 94:1601-6, Jun 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ CHROMATOGRAPHY, ION
EXCHANGE/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ GEL FILTRATION/
*GONADOTROPINS, CHORIONIC, analysis/
GONADOTROPINS, CHORIONIC, isolation &
purification/ HUMAN/ RADIOIMMUNOASSAY/
RATS
3128. Morgan H, White RP, Pennink M, et al: Prostaglandins
and experimental cerebral vasospasm.
Surg Forum 23:447-8, 1972
ANIMAL EXPERIMENTS/ CEREBRAL
ISCHEMIA, TRANSIENT, cerebrospinal fluid/
*CEREBRAL ISCHEMIA, TRANSIENT,
chemically induced/ *PROSTAGLANDINS

AUTHOR SECTION

3129. Morgan JI, Ferris AD: Proceedings: Oestrogen effects on calcium- and magnesium-induced mitosis in isolated rat thymic lymphocytes.
N Engl J Med 291:xxvii, 11 Jun 74
*CALCIUM, antagonists & inhibitors/ CELLS, CULTURED/ DEPRESSION, CHEMICAL/
*ESTRADIOL, pharmacodynamics/
*MAGNESIUM, pharmacodynamics/ *MITOSIS, drug effects/ THYMUS GLAND, cytology
3130. Morgner KD, Fissan H: Das Verhalten der freien Fettsäuren im Plasma unter Lysinvasopressin, Propanolol und Phentolamin.
Verh Dtsch Ges Inn Med 79:1298-8, 1973 (Ger)
*FATTY ACIDS, NONESTERIFIED, blood/
HUMAN/ LYSINE/ *PHENTOLAMINE, pharmacodynamics/ *PROPRANOLOL, pharmacodynamics/ TIME FACTORS/
*VASOPRESSIN, pharmacodynamics
3131. Morgner KD, Geisthövel W, Niedergerke U, et al: Hypogonadismus infolge Mangels an Luteotropin-Releasing-Hormon (LHRH) bei Prader-Labhart-Willi-Syndrom.
Dtsch Med Wochenschr 99:1196-8, 31 May 74 (Ger)
*CARBOHYDRATE METABOLISM, INBORN ERRORS, diagnosis/ *DEFICIENCY DISEASES, complications/ ENGLISH ABSTRACT/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ HYDROXYSTEROIDS, blood/
*HYPOGONADISM, etiology/ LH, blood/
*LH-FSH RELEASING HORMONE, secretion/ MALE/ MENTAL RETARDATION, diagnosis/
*OBESITY, diagnosis/ *PITUITARY DISEASES, complications/ PITUITARY DISEASES, familial & genetic/ SOMATOTROPIN, blood/ SYNDROME/ TESTOSTERONE, blood/ THYROTROPIN, blood/ VASOPRESSIN, pharmacodynamics
3132. Mori A, Hosotani M, Choong TL: Studies on brain guanidino compounds by automatic liquid chromatography. Biochem Med 10:8-14, May 74
AMINO BUTYRIC ACID, analysis/ ANIMAL EXPERIMENTS/ ARGININE, analysis/ AUTOANALYSIS/ *BRAIN CHEMISTRY/ BUTYRATES, analysis/ CANAVANINE, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ EVALUATION STUDIES/ *GUANIDINES, analysis/ GUINEA PIGS/ HUMAN/ HYDROXYBUTYRATES, analysis/ METHODS/ MICE/ PROPIONATES, analysis/ RABBITS/ RATS/ SPECIES SPECIFICITY/ THIOUREA, analysis/ TIME FACTORS
3133. Mori H, Matsumoto K: Development of the secondary interstitial gland in the rabbit ovary.
J Anat 116:417-30, Dec 73
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ FEMALE/ GOLGI APPARATUS/ GRAAFIAN FOLLICLE/ HISTOCYTOCHEMISTRY/ HYDROXYSTEROID DEHYDROGENASES, metabolism/ MICROSCOPY, ELECTRON/ MONKEYS/ OVARY, cytology/ OVARY, enzymology/
*OVARY, growth & development/
PROGESTERONE, metabolism/ RIBOSOMES
3134. Mori R, Nagahama Y, Bern HA, et al: Ultrastructural changes in vaginal epithellum of mice neonatally treated with estrogen and prolactin.
Anat Rec 179:225-40, Jun 74
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ DESMOSOMES, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ EPITHELIAL CELLS, drug effects/ *ESTRADIOL, pharmacodynamics/ ESTRUS/ FEMALE/ MICE/ MICROSCOPY, ELECTRON/ *PROLACTIN, pharmacodynamics/ SESAME OIL, pharmacodynamics/ VAGINA, cytology/
*VAGINA, drug effects/ VAGINAL SMEARS
3135. Morii H: [Hypoparathyroidism (in adults)]
Clin Endocrinol (Tokyo) 23:36-7, Jan 74 (Jap)
ADULT/ DIHYDROTACHYSTEROL, therapeutic use/ HUMAN/ *HYPOPARATHYROIDISM, drug therapy/ VITAMIN D, therapeutic use
3136. Morikawa H: [Biochemical and immunochemical properties of human placental lactogen: hPL, human chorionic somatomammotropin: hCS. 3. Immunological character and its clinical application]
Folia Endocrinol Jap 50:42-59, 20 Jan 74 (Jap)
ABORTION, blood/ ENGLISH ABSTRACT/ FEMALE/ GEL DIFFUSION TESTS/ GUINEA PIGS, immunology/ HUMAN/ HYDATIDIFORM MOLE, blood/ *PLACENTAL LACTOGEN, blood/ PREGNANCY, ECTOPIC, blood/ PREGNANCY TOXEMIAS, blood/ RABBITS, immunology/ RADIOIMMUNOASSAY/
*SOMATOTROPIN, blood
3137. Morin LP, Feder HH: Independence of progesterone-induced facilitation and inhibition of lordosis behavior in ovariectomized guinea pigs.
Horm Behav 5:7-12, Mar 74
ANIMAL EXPERIMENTS/ CASTRATION/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTRADIOL, administration & dosage/ ESTRADIOL, pharmacodynamics/ FEMALE/ GUINEA PIGS/ INJECTIONS, SUBCUTANEOUS/ MALE/ OVARY, physiology/ POSTURE/ PROGESTERONE, administration & dosage/
*PROGESTERONE, pharmacodynamics/ SESAME OIL, pharmacodynamics/ *SEX BEHAVIOR, ANIMAL, drug effects/ TIME FACTORS/ VEHICLES
3138. Morin M, Nenot JC, Lofuma J: Distribution and removal by DTPA of injected 252Cf in the rat.
Health Phys 26:323-6, Apr 74
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ *CALIFORNIUM, analysis/
*DECONTAMINATION/ *DTPA, therapeutic use/ FECES, analysis/ KIDNEY, metabolism/ LIVER, metabolism/ MALE/ MUSCLES, metabolism/ RADIATION INJURIES, EXPERIMENTAL, prevention & control
3139. Morishige WK, Rothchild I: Temporal aspects of the regulation of corpus luteum function by luteinizing hormone, prolactin and placental luteotrophin during the first half of pregnancy in the rat.
Endocrinology 95:260-74, Jul 74
*CORPUS LUTEUM, drug effects/
*ERGOLINES, pharmacodynamics/ ESTRUS/ FEMALE/ FSH, blood/ HORSES/ HUMAN/ HYSTERECTOMY/ *IMMUNE SERUMS, pharmacodynamics/ LH, blood/ *LH, pharmacodynamics/ PITUITARY GLAND, transplantation/ PROGESTERONE, blood/ PROLACTIN, blood/ *PROLACTIN, pharmacodynamics/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS
3140. Morishita H, Mitani H, Masuda Y, et al: Effect of synthetic luteinizing hormone releasing hormone on ovulation during the oestrous cycle in the rat.
Acta Endocrinol (Kbh) 76:431-7, Jul 74
ANIMAL EXPERIMENTS/ CORPUS LUTEUM/ ESTRUS, drug effects/ FEMALE/ GRAAFIAN FOLLICLE, anatomy & histology/ LH-FSH RELEASING HORMONE, administration & dosage/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ *OVULATION, drug effects/ OVUM/ STIMULATION, CHEMICAL/ TIME FACTORS/ VAGINAL SMEARS
3141. Morita Y, Koyama K, Nakao T: Proceedings: Influence of morphine on ACTH secretion in the rat.
Jap J Pharmacol 24:Suppl:126, 1974
ANIMAL EXPERIMENTS/ *CORTICOTROPIN, secretion/ *MORPHINE, pharmacodynamics
3142. Mörnstad H, Sundström B: Cytochemical demonstration of adenyl cyclase in rat incisor enamel organ. Scand J Dent Res 82:147-9, 1974
*ADENYL CYCLASE, analysis/ ADENYL CYCLASE, metabolism/ AMELOBLASTS, enzymology/ AMELOGENESIS/ ANIMAL EXPERIMENTS/ CELL MEMBRANE, enzymology/ HISTOCYTOCHEMISTRY/ INCISOR/ MICROSCOPY, ELECTRON/ RATS/

AUTHOR SECTION

- SODIUM CHLORIDE, pharmacodynamics/
STIMULATION, CHEMICAL/ *TOOTH GERM,
enzymology
3143. Moroz IaA, Nikitin VN: Vozrastnye izmeneniia opornykh belkov v usloviakh gonadëktomii. Dokl Akad Nauk SSSR 216:239-40, 1 May 74 (Rus)
*AGING/ ANIMAL EXPERIMENTS/
CASTRATION/ *COLLAGEN, analysis/
*ELASTIN, analysis/ MALE/ SKIN, analysis/
*TESTIS, physiology
3144. Morozowich W: Separation of prostaglandin A2 and prostaglandin B2 by ion-exchange liquid chromatography. J Pharm Sci 63:800-2, May 74
CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ METHODS/ *PROSTAGLANDINS, isolation & purification/
SPECTROPHOTOMETRY, ULTRAVIOLET
3145. Morris RC Jr, McSherry E: Symposium on acid-base homeostasis. Renal acidosis. Kidney Int 1:322-40, May 72 (116 ref.)
ACIDOSIS, RENAL TUBULAR, classification/
ACIDOSIS, RENAL TUBULAR, drug therapy/
ACIDOSIS, RENAL TUBULAR, etiology/
ACIDOSIS, RENAL TUBULAR, familial & genetic/ ACIDOSIS, RENAL TUBULAR, immunology/ *ACIDOSIS, RENAL TUBULAR, metabolism/ ACIDOSIS, RENAL TUBULAR, urine/ ADRENAL GLAND HYPOFUNCTION, complications/ ALKALIES, therapeutic use/
ANIMAL EXPERIMENTS/ BICARBONATES, blood/ BICARBONATES, urine/ CELL MEMBRANE PERMEABILITY/ DIURESIS/ FEMALE/ GLUCONATES, pharmacodynamics/
HUMAN/ HYDROGEN, metabolism/ HYDROGEN-ION CONCENTRATION/ HYPERPARATHYROIDISM, complications/
KIDNEY FAILURE, ACUTE, complications/
KIDNEY FAILURE, CHRONIC, complications/
KIDNEY TUBULES, DISTAL, metabolism/
MALE/ METABOLISM, INBORN ERRORS, complications/ NEPHRONS, metabolism/
REVIEW/ UREMIA, complications/ URINE
3146. Morrison SD: Diurnal distribution of motor activity and feeding during growth of tumors. Cancer Res 34:1632-5, Jul 74
ANIMAL EXPERIMENTS/ BODY WEIGHT/
CARCINOMA 256, WALKER, physiopathology/
*CIRCADIAN RHYTHM/ DRINKING BEHAVIOR/ FEEDING BEHAVIOR/
HEPATOMA, physiopathology/
*HYPOTHALAMUS, physiopathology/ LIVER NEOPLASMS, physiopathology/ *MOTOR ACTIVITY/ NEOPLASM TRANSPLANTATION/
*NEOPLASMS, EXPERIMENTAL, physiopathology/ TRANSPLANTATION, HOMOLOGOUS
3147. Morse BM, Shattil SJ: Metabolic complications of aggressive therapy of chronic lymphocytic leukemia. Am J Med Sci 267:311-4, May 74
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD UREA NITROGEN/ CALCIUM, blood/
CHLORAMBUCIL, adverse effects/
CHLORAMBUCIL, therapeutic use/
CREATININE, metabolism/ DIURESIS/ *DRUG THERAPY, COMBINATION, adverse effects/
HEMATOCRIT/ HUMAN/ HYPERKALEMIA, chemically induced/ HYPOCALCEMIA, chemically induced/ *LEUKEMIA, LYMPHOCYTIC, drug therapy/ LEUKOCYTE COUNT/ LYMPHOCYTES/ MALE/ PHOSPHATES, blood/ POTASSIUM, blood/
PREDNISONE, adverse effects/ PREDNISONE, therapeutic use/ UREMIA, chemically induced/
URIC ACID, blood
3148. Morse SR, Cugell DW: Long-term management of airway secretions and bronchospasm in chronic obstructive lung disease. Geriatrics 29:84-6, Jul 74
AIRWAY OBSTRUCTION, therapy/
ANTIBIOTICS, therapeutic use/ *BRONCHI, secretion/ *BRONCHIAL SPASM, therapy/
BRONCHODILATOR AGENTS, therapeutic use/
DRAINAGE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ HYDROTHERAPY/ LONG TERM CARE/ *LUNG DISEASES, OBSTRUCTIVE, complications/ LUNG DISEASES, OBSTRUCTIVE, therapy/
POSITIVE-PRESSURE RESPIRATION/
POSTURE/ SPUTUM, microbiology
3149. Mortimer CH, Besser GM, Goldie DJ, et al: The TSH, FSH and prolactin responses to continuous infusions of TRH and the effects of oestrogen administration in normal males. Clin Endocrinol (Oxf) 3:97-103, Apr 74
COMPARATIVE STUDY/ CROSS REACTIONS/
*ETHINYL ESTRADIOL, pharmacodynamics/
*FSH, blood/ HUMAN/ IODINE RADIOISOTOPES/ MALE/ PROLACTIN/ RABBITS, immunology/
RADIOIMMUNOASSAY/ SWINE/
*THYROTROPIN, blood/ *THYROTROPIN RELEASING HORMONE, pharmacodynamics/
THYROXINE/ TIME FACTORS
3150. Mortimer CH, Besser GM, Hook J, et al: Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Clin Endocrinol (Oxf) 3:19-25, Jan 74
COMPARATIVE STUDY/ CROSS REACTIONS/
*FSH, blood/ FSH, secretion/ GEL DIFFUSION TESTS/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ *LH, blood/ LH, secretion/
LH-FSH RELEASING HORMONE, administration & dosage/ *LH-FSH RELEASING HORMONE, physiology/ NOSE/ PITUITARY GLAND, drug effects/
PITUITARY GLAND, secretion/ TIME FACTORS
3151. Mortimer CH, Besser GM, McNelly AS: Proceedings: The induction of gonadotrophin secretion with repeated subcutaneous injections of luteinizing hormone-follicle-stimulating hormone releasing hormone in men with hypogonadotropic hypogonadism. N Engl J Med 291:ixlix, 11 Jun 74
*GONADOTROPINS, PITUITARY, secretion/
HUMAN/ *HYPOGONADISM, drug therapy/
HYPOGONADISM, metabolism/ INJECTIONS, SUBCUTANEOUS/ *LH-FSH RELEASING HORMONE, administration & dosage/ LH-FSH RELEASING HORMONE, therapeutic use/
MALE/ STIMULATION, CHEMICAL
3152. Mortimer CH, Besser GM, Hook J, et al: Intravenous, intramuscular, subcutaneous and intranasal administration of LH-FSH-RH: the duration of effect and occurrence of asynchronous pulsatile release of LH and FSH. Clin Endocrinol (Oxf) 3:19-25, Jan 74
ADMINISTRATION, INTRANASAL/ *FSH, blood/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ *LH, blood/ *LH-FSH RELEASING HORMONE, administration & dosage/ LH-FSH RELEASING HORMONE, pharmacodynamics/ MALE/ TIME FACTORS
3153. Morton DB, Fitzpatrick RJ: The effect of oxytocin on sperm transport in ovariectomized, oestrogen-treated rabbits. J Endocrinol 61:139-45, Apr 74
ANIMAL EXPERIMENTS/ CASTRATION/
CERVIX UTERI, physiology/ ESTRADIOL, pharmacodynamics/ FEMALE/ *GENITALIA, FEMALE, drug effects/ MALE/ OVIDUCTS, physiology/ *OXYTOCIN, pharmacodynamics/
RABBITS/ SEMEN, physiology/
*SPERMATOZOA, drug effects/ UTERUS, physiology/ VAGINA, physiology
3154. Morvay J, Falkay G, Sas M: The l-cystine-aminopeptidase content of human semen. Int Urol Nephrol 5:345-8, 1974
ADULT/ AMINOPEPTIDASES, analysis/
BENZYL COMPOUNDS/ HUMAN/ MALE/ METHODS/ NAPHTHALENES/ OXYTOCINASE, analysis/ *SEMEN, enzymology/ *STERILITY, MALE, enzymology
3155. Mos L, Vriend J, Foley W: Effects of light environment on emotionality and endocrine system of inbred mice. Physiol Behav 12:981-9, Jun 74

AUTHOR SECTION

ADRENAL GLANDS, anatomy & histology/
ANALYSIS OF VARIANCE/ ANIMAL
EXPERIMENTS/ *EMOTIONS/ EXPLORATORY
BEHAVIOR/ FEMALE/ GONADS, anatomy &
histology/ GONADS, physiology/
*HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
physiology/ *LIGHT/ MALE/ MICE/ MICE,
INBRED STRAINS/ ORGAN WEIGHT/
*PITUITARY-ADRENAL SYSTEM/ PITUITARY
GLAND, anatomy & histology/ SEX
FACTORS/ SPECIES SPECIFICITY/ SPLEEN,
anatomy & histology/ SPLEEN, physiology/
*STRESS

3156. Moser H: Knochenmetastasen bei Organkarzinomen.
Med Klin 69:745-9, 26 Apr 74 (Ger)

ADENOCARCINOMA/ BLOOD FLOW
VELOCITY/ BONE AND BONES,
blood supply/ *BONE NEOPLASMS/ BONE
NEOPLASMS, diagnosis/ BONE NEOPLASMS,
therapy/ BREAST NEOPLASMS/ BRONCHIAL
NEOPLASMS/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ LIVER NEOPLASMS/
MALE/ NEOPLASM CIRCULATING CELLS/
*NEOPLASM METASTASIS/ PROSTATIC
NEOPLASMS

3157. Moskalik KG: O vliyanii gidrokortizona na nekotorykh
adaptogenov na gematogennuiu disseminatsiu kletok
opukholi Erlikha.

Patol Fiziol Eksp Ter 14:73-4, Sep-Oct 74 (Rus)

ANIMAL EXPERIMENTS/ *CARCINOMA,
EHRlich TUMOR, drug therapy/ ENGLISH
ABSTRACT/ *GLYCOSIDES,
pharmacodynamics/ HORNS/
*HYDROCORTISONE, pharmacodynamics/
MALE/ MICE/ *NEOPLASM CIRCULATING
CELLS/ PLANT EXTRACTS,
pharmacodynamics/ REINDEER/ *TISSUE
EXTRACTS, pharmacodynamics

3158. Moss RL, Paloutzian RF, Law OT: Electrical
stimulation of forebrain structures and its effect on
copulatory as well as stimulus-bound behavior in
ovariectomized hormone-primed rats.

Physiol Behav 12:997-1004, Jun 74

ANIMAL EXPERIMENTS/ CASTRATION/
COITUS/ *DIENCEPHALON, physiology/
ELECTRIC STIMULATION/ ELECTRODES,
IMPLANTED/ ESTRONE, physiology/
FEMALE/ HYPOTHALAMUS, physiology/
INHIBITION (PSYCHOLOGY)/ OLFACTORY
BULB, physiology/ OVARY, physiology/
PROGESTERONE, physiology/ SELF
STIMULATION/ *SEX BEHAVIOR, ANIMAL/
*TELENCEPHALON, physiology

3159. Motta M, Fiva F, Martini L: New findings on the central
control of gonadotrophin secretion.

J Reprod Fertil [Suppl] 20:27-52, Dec 73 (35 ref.)

ACETYLCHOLINE, pharmacodynamics/
ANDROSTENOLS, biosynthesis/ ANIMAL
EXPERIMENTS/ ATROPINE,
pharmacodynamics/ BRAIN MAPPING/
CASTRATION/ CYCLOHEXIMIDE,
pharmacodynamics/ DENERVATION/
FEEDBACK/ *GONADOTROPINS, PITUITARY,
secretion/ HYPOTHALAMO-HYPOPHYSEAL
SYSTEM, metabolism/ HYPOTHALAMUS, drug
effects/ HYPOTHALAMUS, physiology/
LH-FSH RELEASING HORMONE, biosynthesis/
LH-FSH RELEASING HORMONE, physiology/
MALE/ PITUITARY GLAND, secretion/
*PITUITARY HORMONE RELEASING
HORMONES, physiology/ REVIEW/
STANOLONE, biosynthesis/ STIMULATION,
CHEMICAL/ TESTOSTERONE, metabolism

3160. Moukhtar MS, Tharaud D, Jullienne A, et al:
Immunological similarity of human and rat calcitonin
confirmed by immunofluorescent methods.

Experientia 30:552-5, 15 May 74

AMINO ACID SEQUENCE/ ANIMAL
EXPERIMENTS/ ANTIBODY SPECIFICITY/
*ANTIGENIC DETERMINANTS/ BINDING
SITES, ANTIBODY/ *CALCITONIN/
COMPARATIVE STUDY/ CROSS REACTIONS/
FLUORESCENT ANTIBODY TECHNIC/
FREUND'S ADJUVANT/ GUINEA PIGS,
immunology/ HUMAN/ MALE/

RADIOIMMUNOASSAY/ RATS/ RATS,
immunology/ SPECIES SPECIFICITY/ SWINE/
THYROID GLAND

3161. Moulds RF, Denborough MA: Biochemical basis of
malignant hyperpyrexia. Br Med J 2:241-4, 4 May 74

BIOPSY/ CAFFEINE, pharmacodynamics/
*CALCIUM, metabolism/ CELL MEMBRANE,
metabolism/ CREATINE KINASE, blood/
EXTRACELLULAR SPACE, metabolism/
HALOTHANE, pharmacodynamics/ HUMAN/ IN
VITRO/ MALE/ *MALIGNANT
HYPERTHERMIA, metabolism/ MODELS,
BIOLOGICAL/ MUSCLE CONTRACTION, drug
effects/ MUSCLES, drug effects/ *MUSCLES,
metabolism/ POTASSIUM CHLORIDE,
pharmacodynamics/ PROCAINE,
pharmacodynamics/ SARCOLEMMMA,
metabolism/ SARCOPLASMIC RETICULUM,
metabolism/ SUCCINYLCHOLINE,
pharmacodynamics/ TEMPERATURE

3162. Mount BM, Thelmo WL, Husk M: A re-examination of
the renal blastema graft model for Wilms tumor
production. J Urol 111:738-41, Jun 74

ANIMAL EXPERIMENTS/ AUTOPSY/ *CELL
DIFFERENTIATION/ CYCLOPHOSPHAMIDE,
therapeutic use/ DACTINOMYCIN, therapeutic
use/ *DISEASE MODELS, ANIMAL/ DRUG
THERAPY, COMBINATION/ FEMALE/ FETUS,
pathology/ FLUOROURACIL, therapeutic use/
KIDNEY, anatomy & histology/ KIDNEY,
embryology/ *KIDNEY, pathology/ KIDNEY,
transplantation/ KIDNEY NEOPLASMS, drug
therapy/ MALE/ METHOTREXATE,
therapeutic use/ MICE/ MICE, INBRED
STRAINS/ MICROSCOPY, ELECTRON/
NEOPLASM METASTASIS/ NEOPLASM
TRANSPLANTATION/ NEOPLASMS,
EXPERIMENTAL, drug therapy/ NEOPLASMS,
EXPERIMENTAL, pathology/
NEPHROBLASTOMA, drug therapy/
*NEPHROBLASTOMA, pathology/
PREGNANCY/ TESTICULAR NEOPLASMS,
drug therapy/ *TESTICULAR NEOPLASMS,
pathology/ TRANSPLANTATION,
HOMOLOGOUS/ VINCRISTINE, therapeutic
use

3163. Mountjoy CQ, Price JS, Weller M, et al: A double-blind
crossover sequential trial of oral
thyrotrophin-releasing hormone in depression.

Lancet 1:958-60, 18 May 74

ADMINISTRATION, ORAL/ ADOLESCENCE/
ADULT/ AGED/ CLINICAL RESEARCH/
COMPARATIVE STUDY/ *DEPRESSION, drug
therapy/ DEPRESSION, REACTIVE, drug
therapy/ FEMALE/ HUMAN/ INJECTIONS,
INTRAVENOUS/ MALE/ MIDDLE AGE/
PLACEBOS/ *PSYCHOSES,
MANIC-DEPRESSIVE, drug therapy/ THYROID
GLAND FUNCTION TESTS/ *THYROTROPIN
RELEASING HORMONE, administration &
dosage/ THYROTROPIN RELEASING
HORMONE, therapeutic use/ TIME FACTORS

3164. Mouw DR, Abraham SF, McKenzie JS: Use of
ventriculo-cisternal perfusion in conscious sheep.

Lab Anim Sci 24:505-9, Jun 74

ALDOSTERONE, blood/ ANIMAL
EXPERIMENTS/ BLOOD PRESSURE/
CATHETERIZATION, veterinary/ *CEREBRAL
VENTRICLES/ CEREBROSPINAL FLUID,
physiology/ *CISTERNA MAGNA/ FEMALE/
HEART RATE/ HEMATOCRIT/
INTRACRANIAL PRESSURE/ MALE/
METHODS/ *PERFUSION/ POTASSIUM, blood/
RENIN, blood/ RESPIRATION/ *SHEEP,
physiology/ SODIUM, blood/ SODIUM, urine

3165. Mowszowicz I, Bardin CW: In vitro androgen
metabolism in mouse kidney: high 3-keto-reductase
(3alpha-hydroxysteroid dehydrogenase) activity
relative to 5alpha-reductase.

Steroids 23:793-807, Jun 74

ANIMAL EXPERIMENTS/ CASTRATION/
CELL FRACTIONATION/ CELL NUCLEUS,
metabolism/ CHROMATOGRAPHY, PAPER/
CHROMATOGRAPHY, THIN LAYER/
CYTOSOL, metabolism/ ELECTROPHORESIS,

AUTHOR SECTION

- DISC/ FEMALE/ HYDROGEN-ION CONCENTRATION/ *HYDROXYSTEROID DEHYDROGENASES, metabolism/ IN VITRO/ KIDNEY, cytology/ *KIDNEY, enzymology/ KINETICS/ MALE/ MICE, INBRED BALB C/ MICROSOMES, metabolism/ MITOCHONDRIA, metabolism/ MOLECULAR WEIGHT/ NADP, metabolism/ *OXIDOREDUCTASES, metabolism/ *STANOLONE, metabolism/ *TESTOSTERONE, metabolism/ TRITIUM
3166. Mozes E, Fuchs S: Linkage between immune response potential to DNA and X chromosome. *Nature* 249:167-8, 10 May 74
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS/ *ANTINUCLEAR FACTORS/ AUTOIMMUNE DISEASES/ CARBON RADIOISOTOPES/ CROSSES, GENETIC/ *DNA/ GENOTYPE/ IMMUNE SERUMS/ *LINKAGE (GENETICS)/ MICE/ MICE, INBRED DBA, immunology/ MICE, INBRED STRAINS, immunology/ NUCLEIC ACID DENATURATION/ SERUM ALBUMIN, BOVINE/ *SEX CHROMOSOMES
3167. Mroczek WJ: Malignant hypertension: kidneys too good to be extirpated. *Ann Intern Med* 80:754-7, Jun 74 (39 ref.)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ DIAZOXIDE, therapeutic use/ FUROSEMIDE, therapeutic use/ GLOMERULONEPHRITIS, complications/ HEMODIALYSIS/ HUMAN/ HYPERTENSION, MALIGNANT, drug therapy/ HYPERTENSION, MALIGNANT, etiology/ HYPERTENSION, MALIGNANT, pathology/ *HYPERTENSION, MALIGNANT, surgery/ KIDNEY, pathology/ KIDNEY FAILURE, CHRONIC, drug therapy/ KIDNEY FAILURE, CHRONIC, etiology/ KIDNEY FAILURE, CHRONIC, pathology/ KIDNEY FAILURE, CHRONIC, surgery/ *NEPHRECTOMY/ NEPHROSCLEROSIS, complications/ NEPHROSCLEROSIS, pathology/ RATS/ RENAL ARTERY, pathology/ RENIN, blood/ REVIEW/ TRIMETHAPHAN, therapeutic use
3168. Mugford RA: Androgenic stimulation of aggression eliciting cues in adult opponent mice castrated at birth, weaning, or maturity. *Horm Behav* 5:93-102, Mar 74
AGE FACTORS/ *AGGRESSION, drug effects/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ CASTRATION/ FEMALE/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ MALE/ MICE/ OILS, administration & dosage/ OVARY, physiology/ PROPIONATES, administration & dosage/ PROPIONATES, pharmacodynamics/ STIMULATION, CHEMICAL/ TESTIS, physiology/ TESTOSTERONE, administration & dosage/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS/ VEHICLES
3169. Muirhead M, Himms-Hagen J: Changes in the adenyl cyclase system of skeletal muscle of cold-acclimated rats. *Can J Biochem* 52:176-80, Mar 74
*ACCLIMATIZATION/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ COLD/ COMPARATIVE STUDY/ EPINEPHRINE, pharmacodynamics/ FLUORIDES, pharmacodynamics/ MALE/ MUSCLES, drug effects/ *MUSCLES, enzymology/ NOREPINEPHRINE, pharmacodynamics/ PHOSPHODIESTERASES, metabolism/ RATS/ TIME FACTORS/ TRITIUM
3170. Muirhead M, Inglis A, Himms-Hagen J: Urinary excretion of cyclic AMP by cold-acclimated rats. *Can J Biochem* 52:414-7, May 74
*ACCLIMATIZATION/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, urine/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *COLD CLIMATE/ COMPARATIVE STUDY/ CREATININE, urine/ MALE/ SHIVERING/ TEMPERATURE/ TIME FACTORS
3171. Mukherjee AB: In vitro embryogenesis: an experimental model for the understanding of reproductive physiology and development in mammals. *Can J Genet Cytol* 16:11-30, Mar 74
ANIMAL EXPERIMENTS/ CELL DIFFERENTIATION/ CELL NUCLEUS/ CULTURE MEDIA/ DNA/ *EMBRYO, growth & development/ EMBRYO, transplantation/ ENZYME INDUCTION/ FEMALE/ FERTILIZATION/ GENES/ GENETIC INTERVENTION/ GENETICS, BIOCHEMICAL/ IN VITRO/ MALE/ MEIOSIS/ *MODELS, BIOLOGICAL/ MUTAGENS/ OVULATION/ OVUM, growth & development/ SEX CHROMOSOMES/ SPERM CAPACITATION/ TRANSPLANTATION, HOMOLOGOUS
3172. Mukherjee AP, Coni NK, Davison W: Osmoreceptor function among the elderly. *Gerontol Clin (Basel)* 15:227-33, 1973
AGED/ DEHYDRATION, blood/ *DEHYDRATION, physiopathology/ DEHYDRATION, urine/ FEMALE/ HUMAN/ KIDNEY, drug effects/ KIDNEY, physiology/ *KIDNEY, physiopathology/ MALE/ OSMOLAR CONCENTRATION/ *OSMOSIS/ PITUITARY GLAND, POSTERIOR, physiology/ THIRST/ VASOPRESSIN, pharmacodynamics/ WATER DEPRIVATION
3173. Mukherjee BN: A comparison of the results of family planning KAP surveys in Haryana and Tamil Nadu, India. *Stud Fam Plann* 5:224-31, Jul 74
ATTITUDE/ CONTRACEPTIVES, ORAL/ DEMOGRAPHY/ *FAMILY PLANNING/ FEMALE/ FERTILITY/ HEALTH EDUCATION/ HUMAN/ INDIA/ INTRAUTERINE DEVICES/ MALE/ POPULATION/ SOCIOECONOMIC FACTORS/ STERILIZATION, TUBAL/ VASECTOMY
3174. Mukhtarov AA: Vozmozhnosti ul'trazvukovogo diagnosticheskogo apparata UZD-5 v differentsial'noi diagnostike raka shchitovidnoi zhelezy. *Med Tekh* 2:45-8, Mar-Apr 74 (Rus)
ADENOMA, diagnosis/ CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *NEOPLASM RECURRENCE, LOCAL, diagnosis/ THYROID DISEASES, diagnosis/ *THYROID NEOPLASMS, diagnosis/ THYROIDITIS, diagnosis/ *ULTRASONICS, diagnostic use/ ULTRASONICS, instrumentation
3175. Müller EE, Brambilla F, Cavagnini F, et al: Slight effect of L-tryptophan on growth hormone release in normal human subjects. *J Clin Endocrinol Metab* 39:1-5, Jul 74
ADMINISTRATION, ORAL/ BLOOD SUGAR/ FEMALE/ HUMAN/ HYDROXYTRYPTOPHAN, pharmacodynamics/ HYPOGLYCEMIA, chemically induced/ INSULIN, blood/ INSULIN, pharmacodynamics/ MALE/ *PITUITARY GLAND, secretion/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion/ TRYPTOPHAN, administration & dosage/ *TRYPTOPHAN, pharmacodynamics
3176. Müller-Hess R, Geser CA, Jéquier E, et al: Effects of adrenalin on insulin-induced release of growth hormone and cortisol in man. *Acta Endocrinol (Kbh)* 75:260-73, Feb 74
*ADRENAL GLANDS, drug effects/ ADULT/ BLOOD SUGAR, metabolism/ DEPRESSION, CHEMICAL/ *EPINEPHRINE, pharmacodynamics/ EPINEPHRINE, urine/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ *HYDROCORTISONE, blood/ INSULIN, blood/ INSULIN, pharmacodynamics/ MALE/ NOREPINEPHRINE, urine/ *PITUITARY GLAND, drug effects/ *SOMATOTROPIN, blood/ STIMULATION, CHEMICAL/ TIME FACTORS
3177. Mullick RN, Merwaha DC, Gupta RL, et al: Antesternal pendulant goitre: a case report. *Br J Surg* 61:371-2, May 74
ADULT/ FEMALE/ GOITER, NODULAR, blood/ *GOITER, NODULAR, diagnosis/ GOITER, NODULAR, radiography/ GOITER,

AUTHOR SECTION

NODULAR, surgery/ HUMAN/ THYROID
GLAND FUNCTION TESTS

3178. Mumford JP: Letter: Drugs affecting oral contraceptives. *Br Med J* 2:333-4, 11 May 74
AMPICILLIN, pharmacodynamics/
*CONTRACEPTIVES, ORAL, antagonists & inhibitors/ DRUG INTERACTIONS/ ENZYME INDUCTION, drug effects/ ESTRIOL, urine/ ESTROGENS, metabolism/ FEMALE/ HUMAN/ *PHENOBARBITAL, pharmacodynamics/ PREGNANCY/ *RIFAMPIN, pharmacodynamics

3179. Munro AB, Woods JW: Present day management of hypertension. *South Med J* 67:847-52, Jul 74 (15 ref.)
ANGIOGRAPHY/ *ANTIHYPERTENSIVE AGENTS, therapeutic use/ AORTIC ANEURYSM, surgery/ DIET, SALT-FREE/ DIURETICS, therapeutic use/ GANGLIONIC BLOCKADERS, therapeutic use/ HUMAN/ HYPERALDOSTERONISM, blood/ HYPERALDOSTERONISM, complications/ HYPERALDOSTERONISM, diagnosis/ HYPERTENSION, blood/ HYPERTENSION, diagnosis/ HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ HYPERTENSION, occurrence/ *HYPERTENSION, therapy/ HYPERTENSION, MALIGNANT, drug therapy/ HYPERTENSION, RENAL, radiography/ HYPOKALEMIA, blood/ KIDNEY FAILURE, ACUTE, drug therapy/ METHYLDOPA, therapeutic use/ PHEOCHROMOCYTOMA, complications/ RESERPINE, therapeutic use/ REVIEW/ SMOKING/ UNITED STATES/ VASODILATOR AGENTS, therapeutic use

3180. Munro R, Munro HM: A case report of pyometra in the leopard (*Panthera pardus*).
Br Vet J 130:175-9, Mar-Apr 74
ANIMAL EXPERIMENTS/ AUTOPSY/ BLADDER, pathology/ *CARNIVORA/ ENDOMETRITIS, complications/ ENDOMETRITIS, diagnosis/ ENDOMETRITIS, pathology/ *ENDOMETRITIS, veterinary/ ESCHERICHIA COLI, isolation & purification/ FEMALE/ OVARY, pathology/ PERITONITIS, etiology/ PERITONITIS, veterinary/ UTERINE RUPTURE, complications/ UTERINE RUPTURE, veterinary/ UTERUS, microbiology/ UTERUS, pathology

3181. Munson FL: Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction.
Prog Brain Res 39:361-72, 1973 (33 ref.)
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, antagonists & inhibitors/ *CORTICOTROPIN, physiology/ CORTICOTROPIN RELEASING HORMONE, physiology/ DRUG SYNERGISM/ EPINEPHRINE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ HYPOTHALAMUS/ *MORPHINE, pharmacodynamics/ NALORPHINE, pharmacodynamics/ PENTOBARBITAL, pharmacodynamics/ PHENOBARBITAL, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ REVIEW/ *STRESS, physiopathology/ TISSUE EXTRACTS, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

3182. Müntzing J, Nilsson T, Polacek J: Zinc and beta-glucuronidase in the human prostate.
Scand J Urol Nephrol 8:87-90, 1974
ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, enzymology/ *ADENOCARCINOMA, metabolism/ BIOPSY, NEEDLE/ CARBAMATES, therapeutic use/ ESTRADIOL, therapeutic use/ ETHINYL ESTRADIOL, therapeutic use/ *GLUCURONIDASE, metabolism/ HUMAN/ MALE/ METHODS/ PROSTATE, enzymology/ *PROSTATE, metabolism/ PROSTATE, pathology/ PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, enzymology/ *PROSTATIC NEOPLASMS, metabolism/ *ZINC, metabolism

3183. Müntzing J, Shukla SK, Chu TM, et al: Pharmacoclinical study of oral estramustine phosphate (Estracyt) in advanced carcinoma of the prostate.
Invest Urol 12:65-8, Jul 74

ACID PHOSPHATASE, analysis/
ADMINISTRATION, ORAL/
*ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, therapeutic use/ CARBAMATES, administration & dosage/ CARBAMATES, adverse effects/ CARBAMATES, therapeutic use/ CARCINOEMBRYONIC ANTIGEN, analysis/ *ESTRANES, administration & dosage/ ESTRANES, adverse effects/ ESTRANES, therapeutic use/ HEART DISEASES, complications/ HEART FAILURE, CONGESTIVE, chemically induced/ HUMAN/ MALE/ NAUSEA, chemically induced/ NEOPLASM METASTASIS/ *NITROGEN MUSTARD COMPOUNDS, administration & dosage/ NITROGEN MUSTARD COMPOUNDS, adverse effects/ NITROGEN MUSTARD COMPOUNDS, therapeutic use/ ORGANOPHOSPHORUS COMPOUNDS, administration & dosage/ ORGANOPHOSPHORUS COMPOUNDS, adverse effects/ ORGANOPHOSPHORUS COMPOUNDS, therapeutic use/ PROSTATE, enzymology/ PROSTATIC NEOPLASMS, complications/ *PROSTATIC NEOPLASMS, drug therapy/ VOMITING, chemically induced

3184. Münzel M: Der anfallsweise Schnupfen. Diagnostische und therapeutische Möglichkeiten bei der allergischen und vasomotorischen Rhinopathie.
Munch Med Wochenschr 116:427-32, 1 Mar 74 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIGEN-ANTIBODY REACTIONS/ ANTIHISTAMINICS, therapeutic use/ DESENSITIZATION/ DIAGNOSIS, DIFFERENTIAL/ ENDOCRINE DISEASES, complications/ ENGLISH ABSTRACT/ *HAY FEVER, diagnosis/ HAY FEVER, drug therapy/ HAY FEVER, immunology/ HAY FEVER, surgery/ POLLEN/ *RHINITIS, diagnosis/ RHINITIS, drug therapy/ RHINITIS, etiology/ RHINITIS, surgery/ SKIN TESTS

3185. Murad F, Kimura H: Cyclic nucleotide levels in incubations of guinea pig trachea.
Biochim Biophys Acta 343:275-86, 22 Apr 74
ACETYLCHOLINE, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANGIOTENSIN II, pharmacodynamics/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ CARBACHOL, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ GLUCAGON, pharmacodynamics/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ HISTAMINE, pharmacodynamics/ IODINE RADIOISOTOPES/ MUSCLE, SMOOTH, drug effects/ MUSCLE, SMOOTH, metabolism/ PHENOXYBENZAMINE, pharmacodynamics/ PHENYLEPHRINE, pharmacodynamics/ PROPANOLOL, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ RADIOIMMUNOASSAY/ SEROTONIN, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics/ TRACHEA, drug effects/ *TRACHEA, metabolism/ TRITIUM

3186. Murakami A, Machemer-Röhnisch S, Eckert R: Stimulation of ciliary activity by low levels of extracellular adenine nucleotides in the amphibian oviduct. *Exp Cell Res* 85:154-8, 30 Mar 74
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CILIA, drug effects/ *CILIA, physiology/ CYANIDES, pharmacodynamics/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ FEMALE/ IODOACETATES,

AUTHOR SECTION

- pharmacodynamics/ *OVIDUCTS, cytology/
SALAMANDERS/ STIMULATION, CHEMICAL
3187. Murakami M, Shimada T, Miyamoto T: Influence of streptozotocin diabetes on the ultrastructure of growth hormone producing cells in the rat pituitary. *Endokrinologie* 62:257-68, 1973
ANIMAL EXPERIMENTS/ DIABETES
MELLITUS, chemically induced/ DIABETES
MELLITUS, drug therapy/ DIABETES
MELLITUS, metabolism/ *DIABETES
MELLITUS, pathology/ INSULIN, therapeutic use/ MALE/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, pathology/
RATS/ *SOMATOTROPIN, biosynthesis/
STREPTOZOTOCIN, adverse effects
3188. Murie N, Ferrand B, Etienne P, et al: Le cancer des parathyroïdes (Revue générale de 108 observations. *Cah Med* 14:1025-35, 30 Nov 73 (Fre)
*ADENOMA/ AGE FACTORS/ *CARCINOMA/
FEMALE/ HUMAN/
*HYPERPARATHYROIDISM, etiology/ MALE/
NEOPLASM METASTASIS/ NEOPLASTIC
ENDOCRINE-LIKE SYNDROMES/
PARATHYROID NEOPLASMS, complications/
*PARATHYROID NEOPLASMS, diagnosis/
PARATHYROID NEOPLASMS, surgery/
PROGNOSIS
3189. Muriuki PB, Mugambi M, Thairu K, et al: The effects of prolactin on the responses of the isolated mesenteric artery of the rat to noradrenaline. *East Afr Med J* 51:232-5, Feb 74
ANIMAL EXPERIMENTS/ BLOOD PRESSURE,
drug effects/ DRUG INTERACTIONS/ IN
VITRO/ INFUSIONS, PARENTERAL/
*MESENTERIC ARTERIES, drug effects/
*NOREPINEPHRINE, antagonists & inhibitors/
PREGNANCY TOXEMIAS, etiology/
PROLACTIN, administration & dosage/
*PROLACTIN, pharmacodynamics/
VASOMOTOR SYSTEM, drug effects
3190. Murthy VK, Steiner G: Inhibition of lipogenesis by cyclic AMP without altered lipolysis. *Can J Biochem* 52:259-62, Mar 74
ACETATES/ *ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ADENOSINE MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BROWN FAT, drug effects/ *BROWN FAT,
metabolism/ CARBON RADIOISOTOPES/
COENZYME A/ FATTY ACIDS, biosynthesis/
*FATTY ACIDS, biosynthesis/ KINETICS/
*LIPID MOBILIZATION, drug effects/ RATS/
THEOPHYLLINE, pharmacodynamics/
TRIGLYCERIDES, biosynthesis
3191. Musagalleva GM, Uteshev AB: Narushenie nekotorykh storon protsessa bioenergetiki v nadpochechnikakh zhivotnykh pri ostrom lucheovom porazhenii. *Radiobiologiya* 14:190-4, Mar-Apr 74 (Rus)
*ADENOSINE TRIPHOSPHATASE, metabolism/
*ADENOSINE TRIPHOSPHATE, metabolism/
*ADRENAL MEDULLA, metabolism/ ANIMAL
EXPERIMENTS/ *CYTOCHROMES, metabolism/
ENGLISH ABSTRACT/ GUINEA PIGS/ MALE/
*RADIATION INJURIES, EXPERIMENTAL,
metabolism
3192. Muschek LD, Hook JB: Changes in adenosine 3',5'-monophosphate induced by parathyroid hormone and theophylline in the developing rat renal cortex. *Dev Biol* 33:56-61, Jul 73
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENYL
CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ ANIMALS, NEWBORN/
CHROMATOGRAPHY, DEAE-CELLULOSE/
DOSE-RESPONSE RELATIONSHIP, DRUG/
FEMALE/ KIDNEY CORTEX, drug effects/
KIDNEY CORTEX, enzymology/ *KIDNEY
CORTEX, growth & development/ MALE/
*PARATHYROID HORMONE,
pharmacodynamics/ PHOSPHODIESTERASES,
metabolism/ *RATS, growth & development/
*THEOPHYLLINE, pharmacodynamics
3193. Musumeci R, Bombarda A, Bonadonna G, et al:
- L'indagine linfografica in oncologia pediatrica. *Tumori* 58:29-43, Jan-Feb 72 (Ita)
AGE FACTORS/ ENGLISH ABSTRACT/
FEMALE/ HEPATOMA, radiography/
HODGKIN'S DISEASE, radiography/ HUMAN/
LIVER NEOPLASMS, radiography/
*LYMPHOGRAPHY/ MALE/ MELANOMA,
radiography/ *NEOPLASMS, radiography/
NEPHROBLASTOMA, radiography/
NEUROBLASTOMA, radiography/ OVARIAN
NEOPLASMS, radiography/
RHABDOMYOSARCOMA, radiography/
SARCOMA, EWING'S, radiography/ SARCOMA,
RETICULUM CELL, radiography/
TESTICULAR NEOPLASMS, radiography
3194. Mutch PB, Hurley LS: Effect of zinc deficiency during lactation on postnatal growth and development of rats. *J Nutr* 104:828-42, Jul 74
ANIMAL EXPERIMENTS/ BIRTH WEIGHT/
BODY WEIGHT/ DEFICIENCY DISEASES,
etiology/ DEFICIENCY DISEASES, metabolism/
DEFICIENCY DISEASES, mortality/
DEFICIENCY DISEASES, pathology/
ELEMENTS/ EPITHELIUM, pathology/
ESOPHAGUS, pathology/ FEMALE/ FEMUR,
anatomy & histology/ FEMUR, metabolism/
*LACTATION/ LACTOSE, metabolism/ LIVER,
metabolism/ *MILK, metabolism/ MILK
PROTEINS, metabolism/ ORGAN WEIGHT/
ZINC, administration & dosage/ *ZINC, blood/
ZINC, metabolism
3195. Mutt V, Said SI: Structure of the porcine vasoactive intestinal octacosapeptide. The amino-acid sequence. Use of kallikrein in its determination. *Eur J Biochem* 42:581-9, 1 Mar 74
AMINO ACID SEQUENCE/ AMINO ACIDS,
analysis/ AMINOPEPTIDASES/ ANIMAL
EXPERIMENTS/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ CHROMATOGRAPHY, ION
EXCHANGE/ CHROMATOGRAPHY, PAPER/
COMPARATIVE STUDY/ CYANOGEN
BROMIDE/ DANSYL COMPOUNDS/
ELECTROPHORESIS, PAPER/
*GASTROINTESTINAL HORMONES/
GLUCAGON/ *INTESTINES, analysis/
*KALLIKREIN/ PEPTIDE FRAGMENTS,
analysis/ *PEPTIDES/ SECRETIN/
SPECTROPHOTOMETRY, ULTRAVIOLET/
SWINE/ VASOPRESSIN
3196. Myers D, Myers EN: The medical and surgical treatment of nasal polyps. *Laryngoscope* 84:833-47, May 74
ADMINISTRATION, ORAL/ ADRENAL
CORTEX HORMONES,
administration & dosage/ ANTIBIOTICS,
therapeutic use/ CORTICOTROPIN, therapeutic
use/ CORTISONE, therapeutic use/ ETHMOID
BONE, surgery/ HAY FEVER, etiology/
HUMAN/ INJECTIONS/ INJECTIONS,
INTRAMUSCULAR/ METHODS/
METHYLPREDNISOLONE, therapeutic use/
NASAL POLYPS, complications/ NASAL
POLYPS, diagnosis/ NASAL POLYPS, drug
therapy/ NASAL POLYPS, radiography/
NASAL POLYPS, surgery/ *NASAL POLYPS,
therapy/ PARANASAL SINUSES, radiography/
PHYSICAL EXAMINATION/ PREDNISONE,
therapeutic use/ TRIAMCINOLONE
ACETONIDE, therapeutic use
3197. Mygind N: Beklometason-dipropionat aerosol's virkning på binyrebarkfunktionen hos normalpersoner. *Ugeskr Laeger* 136:1185-7, 27 May 74 (Dan)
*ADRENAL GLANDS, drug effects/
AEROSOLS/ BECLOMETHASONE,
administration & dosage/ BECLOMETHASONE,
pharmacodynamics/ DEPRESSION, CHEMICAL/
DOSE-RESPONSE RELATIONSHIP, DRUG/
ENGLISH ABSTRACT/ FEMALE/
*GLUCOCORTICOIDS, pharmacodynamics/
HUMAN/ 11-HYDROXYCORTICOSTEROIDS,
blood/ 17-KETOSTEROIDS, urine/ MALE/
*METHYLPREDNISOLONE, pharmacodynamics
3198. Mygind N, Hansen I: Den lokale virkning af beklometason-dipropionat aerosol intranasalt ved

AUTHOR SECTION

høfeber.

Ugeskr Laeger 136:1182-4, 27 May 74 (Dan)
AEROSOLS/ BECLOMETHASONE,
administration & dosage/ BECLOMETHASONE,
pharmacodynamics/ BECLOMETHASONE,
therapeutic use/ CLINICAL RESEARCH/
ENGLISH ABSTRACT/ EYE, drug effects/
*GLUCOCORTICOID, therapeutic use/ *HAY
FEVER, drug therapy/ HUMAN/ INHALATION
THERAPY/ *METHYLPREDNISOLONE,
therapeutic use/ NOSE, drug effects/
PLACEBOS

N

3199. Nabors CJ Jr, West CD, Mahajan DK, et al:
Radioimmunoassay of human plasma corticosterone:
method, measurement of episodic secretion and
adrenal suppression and stimulation.

Steroids 23:363-78, Mar 74
ADDISON'S DISEASE, blood/ ADRENAL
CORTEX HORMONES, pharmacodynamics/
*ADRENAL GLANDS, secretion/
ADRENALECTOMY/ ADULT/ ANTIBODY
SPECIFICITY/ CATTLE/ CHROMATOGRAPHY,
PAPER/ CIRCADIAN RHYTHM/
*CORTICOSTERONE, blood/
CORTICOSTERONE, metabolism/
CORTICOSTERONE, secretion/ CROSS
REACTIONS/ DEXAMETHASONE,
pharmacodynamics/ FEMALE/
FLUOROMETRY/ HUMAN/
HYDROCORTISONE, blood/
HYDROCORTISONE, secretion/ MALE/
METHODS/ MIDDLE AGE/ PROTEIN
BINDING/ RABBITS, immunology/
*RADIOIMMUNOASSAY/ SERUM ALBUMIN,
BOVINE, metabolism/ SUCCINATES,
metabolism/ TIME FACTORS/ TRITIUM

3200. Naccarato WF, Wells WW: Identification of
6-0-beta-D-galactopyranosyl myo-inositol: a new form
of myo-inositol in mammals.

Biochem Biophys Res Commun 57:1026-31, 23 Apr 74
ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, ION EXCHANGE/
CHROMATOGRAPHY, PAPER/
*DISACCHARIDES, analysis/ FEMALE/
*GALACTOSE, analysis/ GALACTOSIDASE/
*INOSITOL, analysis/ LACTATION/ MAMMAE,
analysis/ MOLECULAR WEIGHT/
PREGNANCY/ RATS/ SPECTRUM ANALYSIS,
MASS

3201. Nachmansohn D, Neumann E: Properties and function
of proteins in excitable membranes: an integral model
of nerve excitability.

Ann NY Acad Sci 227:275-84, 18 Feb 74
ACETYLCHOLINESTERASE, metabolism/
ANIMAL EXPERIMENTS/ AXONS, drug
effects/ AXONS, enzymology/ AXONS,
physiology/ BIOLOGICAL TRANSPORT/
CALCIUM, metabolism/ CARBAMATES,
pharmacodynamics/ CHOLINE,
pharmacodynamics/ EELS/ ELECTRIC
CONDUCTIVITY/ ELECTRIC ORGAN,
cytology/ ELECTRIC ORGAN, physiology/
ELECTRIC STIMULATION/
HISTOCYTOCHEMISTRY/ MATHEMATICS/
MEMBRANE POTENTIALS/ MEMBRANES,
enzymology/ MICROSCOPY, ELECTRON/
MODELS, NEUROLOGIC/ *NERVE TISSUE
PROTEINS, physiology/ NEURONS, cytology/
*NEURONS, physiology/ PERMEABILITY/
TIME FACTORS

3202. Nachmias VT: Properties of Physarum myosin purified
by a potassium iodide procedure.

J Cell Biol 62:54-65, Jul 74
ACTIN/ ADENOSINE TRIPHOSPHATASE,
analysis/ ADENOSINE TRIPHOSPHATASE,
metabolism/ CALCIUM, pharmacodynamics/
CHELATING AGENTS/ DENSITOMETRY/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ ENZYME ACTIVATION/ EVALUATION
STUDIES/ GEL FILTRATION/ IODIDES/
KINETICS/ MAGNESIUM/ METHODS/
MICROSCOPY, ELECTRON/ MOLECULAR
WEIGHT/ MUSCLES/ *MYOSIN, analysis/

MYOSIN, isolation & purification/
*MYXOMYCETES, analysis/ MYXOMYCETES,
enzymology/ POTASSIUM/ PROTEIN
BINDING/ SODIUM DODECYL SULFATE/
SPECIES SPECIFICITY/ TIME FACTORS

3203. Nader S, Tulloch B, Blair C, et al: Is prolactin involved
in precipitating migraine? Lancet 2:17-9, 6 Jul 74
ADMINISTRATION, ORAL/ ALCOHOL,
ETHYL, pharmacodynamics/ BLOOD SUGAR,
analysis/ CHLORPROMAZINE, administration
& dosage/ CHLORPROMAZINE,
pharmacodynamics/ DRUG INTERACTIONS/
ERGOT ALKALOIDS, administration & dosage/
ERGOT ALKALOIDS, pharmacodynamics/
FATTY ACIDS, NONESTERIFIED, blood/
GLUCOSE, administration & dosage/ HUMAN/
INJECTIONS, INTRAMUSCULAR/
INJECTIONS, INTRAVENOUS/ *MIGRAINE,
etiology/ PROLACTIN, antagonists &
inhibitors/ PROLACTIN, blood/ *PROLACTIN,
physiology/ PROLACTIN, secretion/
RADIOIMMUNOASSAY

3204. Nadzharov AG, Rafibekova ED, Khalilov RM:
Pervichno-mnozhestvennyy rak zheludka i sochetaniye
ego s kartsinomoy drugikh organov.

Klin Khir 10:62-4, Oct 73 (Rus)
ADULT/ AGED/ BREAST NEOPLASMS,
complications/ FEMALE/ HUMAN/
LARYNGEAL NEOPLASMS, complications/
LIP NEOPLASMS, complications/ LUNG
NEOPLASMS, complications/ MALE/ MIDDLE
AGE/ *NEOPLASMS, MULTIPLE PRIMARY,
complications/ OVARIAN NEOPLASMS,
complications/ PANCREATIC NEOPLASMS,
complications/ PHARYNGEAL NEOPLASMS,
complications/ SKIN NEOPLASMS,
complications/ *STOMACH NEOPLASMS,
complications/ THYROID NEOPLASMS,
complications/ UTERINE NEOPLASMS,
complications

3205. Naess O, Attramadal A: Uptake and binding of
androgens by the anterior pituitary gland,
hypothalamus, preoptic area and brain cortex of rats.

Acta Endocrinol (Kbh) 76:417-30, Jul 74
ANIMAL EXPERIMENTS/ BINDING SITES/
CASTRATION/ *CEREBRAL CORTEX,
metabolism/ CYTOSOL, metabolism/ FEMALE/
GEL FILTRATION/ *HYPOTHALAMUS,
metabolism/ MACROMOLECULAR SYSTEMS/
MALE/ *MUSCLES, metabolism/ *OPTIC
LOBE, metabolism/ *PITUITARY GLAND,
metabolism/ *PROSTATE, metabolism/ SEX
FACTORS/ TESTOSTERONE, blood/
*TESTOSTERONE, metabolism/ TIME
FACTORS/ TRITIUM

3206. Nagahata M: [Psychological counseling of the children
with endocrine diseases]
Clin Endocrinol (Tokyo) 22:96-9, Jan 74 (Jap)
CHILD/ CHILD, PRESCHOOL/ *COUNSELING/
*ENDOCRINE DISEASES, therapy/ HUMAN

3207. Nagamachi T, Fourrey JL, Torrence PF, et al:
Synthesis, chemistry, and biological activity of
5-thiocyanatopyrimidine nucleosides as potential
masked thiols. J Med Chem 17:403-6, Apr 74
ARABINOSE, chem synthesis/ ARABINOSE,
pharmacodynamics/ ARABINOSE, therapeutic
use/ CARCINOMA/ CELL LINE/ HUMAN/
KINETICS/ LEUKEMIA, EXPERIMENTAL,
drug therapy/ LEUKEMIA, LYMPHOBLASTIC/
MICE/ MOUTH NEOPLASMS/
OXIDATION-REDUCTION/ *PYRIMIDINE
NUCLEOSIDES, chem synthesis/ PYRIMIDINE
NUCLEOSIDES, pharmacodynamics/
PYRIMIDINE NUCLEOSIDES, therapeutic use/
*THIOCYANATES, chem synthesis/
THIOCYANATES, pharmacodynamics/
THIOCYANATES, therapeutic use/ URIDINE,
chem synthesis/ URIDINE, pharmacodynamics/
URIDINE, therapeutic use/ VACCINIA VIRUS,
drug effects/ VIRUS REPLICATION, drug
effects

3208. Nagasawa H: [Relation between prolactin and breast
cancer]
Clin Endocrinol (Tokyo) 22:373-9, Mar 74 (54 ref.)

AUTHOR SECTION

- (Jap)
 ANTHRACENES/ BREAST NEOPLASMS, chemically induced/ DNA, metabolism/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ PITUITARY GLAND, transplantation/ PROLACTIN, blood/ *PROLACTIN, secretion/ REVIEW/ THYMIDINE, metabolism/ TRITIUM
3209. Nagasawa H, Yanai R: Effect of human placental lactogen on growth of carcinogen-induced mammary tumors in rats. *Int J Cancer* 11:131-7, 15 Jan 73
 ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BENZANTHRACENES/ BODY WEIGHT/ *CELL TRANSFORMATION, NEOPLASTIC, drug effects/ FEMALE/ MAMMAE, drug effects/ MAMMAE, pathology/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MAMMARY NEOPLASMS, EXPERIMENTAL, pathology/ *MAMMARY NEOPLASMS, EXPERIMENTAL, physiopathology/ OVARY, physiology/ *PLACENTAL LACTOGEN, pharmacodynamics/ RATS/ RATS, INBRED STRAINS
3210. Nagasawa H, Yanai R, Kikuyama S: Irreversible inhibition of pituitary prolactin and growth hormone secretion and of mammary gland development in mice by monosodium glutamate administered neonatally. *Acta Endocrinol (Kbh)* 75:249-59, Feb 74
 ADIPOSE TISSUE, pathology/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT, drug effects/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESTRUS, drug effects/ FEMALE/ GLUTAMATES, administration & dosage/ *GLUTAMATES, pharmacodynamics/ HYPOTHALAMUS, pathology/ INJECTIONS, SUBCUTANEOUS/ *MAMMAE, drug effects/ MAMMAE, growth & development/ MAMMAE, pathology/ MICE/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, secretion/ *PROLACTIN, secretion/ *SOMATOTROPIN, secretion/ STIMULATION, CHEMICAL/ THYROID GLAND, pathology/ TIME FACTORS
3211. Nager F: Pharmakotherapie bei Schrittmacher-Patienten. *Dtsch Med Wochenschr* 98:1773-4, 21 Sep 73 (Ger)
 ADRENAL CORTEX HORMONES, therapeutic use/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, therapeutic use/ ANGINA PECTORIS, drug therapy/ ARRHYTHMIA, drug therapy/ DIGITALIS GLYCOSIDES, therapeutic use/ DIPHENYLHYDANTOIN, therapeutic use/ EXTRASYSTOLE, drug therapy/ GRANULOMA, drug therapy/ GRANULOMA, etiology/ HEART DISEASES, drug therapy/ HEART DISEASES, etiology/ HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ *PACEMAKER, ARTIFICIAL, adverse effects/ TACHYCARDIA, drug therapy/ VASODILATOR AGENTS, therapeutic use
3212. Naggar V, Daabis NA, Motawi MM: Effect of solubilizers on the stability of tetracycline. *Pharmazie* 29:128-9, Feb 74
 ACIDS/ BUFFERS/ DRUG STABILITY/ HYDROGEN-ION CONCENTRATION/ ISOMERISM/ KINETICS/ POLYETHYLENE GLYCOLS/ SPECTROPHOTOMETRY/ SULFITES/ SURFACE-ACTIVE AGENTS/ TEMPERATURE/ *TETRACYCLINE/ THIOUREA/ TIME FACTORS/ UREA/ VEHICLES/ WATER
3213. Naggar V, Daabis NA, Motawi MM: Solubilization of tetracycline and oxytetracycline. *Pharmazie* 29:122-5, Feb 74
 CHEMISTRY/ DRUG STABILITY/ HYDROGEN-ION CONCENTRATION/ MATHEMATICS/ *OXYTETRACYCLINE/ POLYETHYLENE GLYCOLS/ SOLUBILITY/ SURFACE-ACTIVE AGENTS/ TEMPERATURE/ *TETRACYCLINE/ THERMODYNAMICS/ THIOUREA/ UREA
3214. Nagy J, Decsi L: Simultaneous chemical stimulation of the hypothalamus and dorsal hippocampus in the waking cat. *Pharmacol Biochem Behav* 2:285-92, May 74
 *ANGER, drug effects/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ *CARBACHOL, pharmacodynamics/ COMPARATIVE STUDY/ ELECTROENCEPHALOGRAPHY/ *EPINEPHRINE, pharmacodynamics/ FEMALE/ HIPPOCAMPUS, drug effects/ *HIPPOCAMPUS, physiology/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ MALE/ MICROELECTRODES/ NICOTINE, pharmacodynamics/ TIME FACTORS/ WAKEFULNESS, drug effects
3215. Naldenov N, Kalev G, Zagorski D, et al: Vilienie na tetrametiluramidisulfid (TMTD) vurkhu spermoproduktsiata na kochove. *Vet Med Nauki* 10:19-24, 1973 (Bul)
 ANIMAL EXPERIMENTS/ ANIMAL FEED/ *DISULFIRAM, pharmacodynamics/ ENGLISH ABSTRACT/ MALE/ SECRETORY RATE, drug effects/ SEMEN, analysis/ *SEMEN, secretion/ SHEEP/ SPERMATOGENESIS, drug effects/ TESTIS, drug effects
3216. Nainis IV, Garmus AK: Opredelenie pola po metrichekim priznakam kostei golend. *Sud Med Ekspert* 17:8-10, Apr-Jun 74 (Rus)
 *ANTHROPOMETRY/ ENGLISH ABSTRACT/ FEMALE/ *FIBULA, anatomy & histology/ HUMAN/ MALE/ METHODS/ *SEX DETERMINATION/ *TIBIA, anatomy & histology
3217. Nakagawa M: [Acromegaly] *Clin Endocrinol (Tokyo)* 22:6-8, Jan 74 (Jap)
 *ACROMEGALY, therapy/ HUMAN
3218. Nakajima H: [Congenital hypothyroidism (cretinism)] *Clin Endocrinol (Tokyo)* 22:76-9, Jan 74 (Jap)
 CHILD/ *CRETINISM, drug therapy/ HUMAN/ THYROID HORMONES, therapeutic use
3219. Nakamura H, Miyatake K, Wada H: Proceedings: Fluorometric determination of cyclic AMP using dansyl chloride. *Jap J Pharmacol* 24:Suppl:47, 1974
 *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ DANSYL COMPOUNDS/ FLUOROMETRY
3220. Nakamura K, Nakamura K: Proceedings: Further studies on the mechanisms of blood pressure lowering effect of L-DOPA and a peripheral decarboxylase inhibitor in hypertensive rats. *Jap Heart J* 15:187-8, Mar 74
 ANIMAL EXPERIMENTS/ *ANTHYPERTENSIVE AGENTS/ *BLOOD PRESSURE, drug effects/ BRAIN CHEMISTRY/ *CARBOXY-LYASES, antagonists & inhibitors/ DESOXYCORTICOSTERONE/ DOPA, antagonists & inhibitors/ *DOPA, pharmacodynamics/ ELECTRIC STIMULATION/ HYPERTENSION, chemically induced/ *HYPERTENSION, physiopathology/ MALE/ NEPHRECTOMY/ NOREPINEPHRINE, analysis/ PHENTOLAMINE, pharmacodynamics/ SERYLTRIHYDROXY BENZYLHYDRAZINE, pharmacodynamics
3221. Nakamura M, Matsuba M: Proceedings: Studies of the "whorled body" in the adrenocortical cell. *Jap J Pharmacol* 24:Suppl:126, 1974
 *ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ CORTICOTROPIN, pharmacodynamics/ MITOCHONDRIA, drug effects
3222. Nakamura T, Tanabe Y: In vitro metabolism of steroid hormones by chicken brain. *Acta Endocrinol (Kbh)* 75:410-6, Feb 74
 ANDROSTANES, metabolism/ *ANDROSTENEDIONE, metabolism/ ANDROSTERONE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ *BRAIN, metabolism/ CARBON RADIOISOTOPES/ CENTRIFUGATION/ CHICKENS/ HYDROXYPROGESTERONE, metabolism/ HYDROXYSTEROID DEHYDROGENASES, metabolism/ IN VITRO/ MALE/

AUTHOR SECTION

PREGNANEDIONES, metabolism/
 *PREGNENOLONE, metabolism/
 *PROGESTERONE, metabolism/
 SUBCELLULAR FRACTIONS, metabolism/
 *TESTOSTERONE, metabolism

3223. Nakamura Y, Kobayashi I, Tonooka N, et al: [Effect of L-dopa on TSH secretion mechanism in the course of treatment for hyperthyroidism] Clin Endocrinol (Tokyo) 22:403-8, Mar 74 (Jap)
 DOPA, pharmacodynamics/ *DOPA, therapeutic use/ FEMALE/ HUMAN/
 *HYPERTHYROIDISM, drug therapy/ MALE/
 *THYROTROPIN, blood

3224. Nakane S, Sakai T: [Effect of several drugs on the development of stress ulcer and seepage of a pigment from the stomach of rats] Folia Pharmacol Jap 70:1-7, Jan 74 (Jap)
 ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ *AUTONOMIC DRUGS, pharmacodynamics/ CHLORPROMAZINE, pharmacodynamics/ DIBENAMINE, pharmacodynamics/
 DICHLOROISOPROTERENOL, pharmacodynamics/ ENGLISH ABSTRACT/ GASTRIC JUICE, secretion/ MALE/
 PAPAVERINE, pharmacodynamics/ PENTOBARBITAL, pharmacodynamics/
 PHENOXYBENZAMINE, pharmacodynamics/
 PIGMENTS, diagnostic use/ PROPRANOLOL, pharmacodynamics/ REGIONAL BLOOD FLOW, drug effects/ SCOPOLAMINE, pharmacodynamics/ STOMACH, blood supply/
 *STOMACH, drug effects/ STOMACH, secretion/ *STOMACH ULCER, etiology/
 *STRESS, complications/
 TETRAETHYLAMMONIUM COMPOUNDS, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

3225. Nakano G, Harada M, Nagatsu T: Purification and properties of an amine oxidase in bovine dental pulp and its comparison with serum amine oxidase. Biochim Biophys Acta 341:366-77, 25 Apr 74
 AMINOPROPIONITRILE, pharmacodynamics/
 ANIMAL EXPERIMENTS/
 ANTIMETABOLITES, pharmacodynamics/
 CHELATING AGENTS, pharmacodynamics/
 CHLOROMERCURIBENZOATES, pharmacodynamics/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPARATIVE STUDY/ CYCLOHEXANE, pharmacodynamics/ *DENTAL PULP, enzymology/ ELECTROPHORESIS, DISC/ GEL FILTRATION/ HYDRAZONES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IPRONIAZID, pharmacodynamics/ KINETICS/ LYSINE/ MOLECULAR WEIGHT/ MONOAMINE OXIDASE, blood/ MONOAMINE OXIDASE, isolation & purification/ *MONOAMINE OXIDASE, metabolism/ ORGAN SPECIFICITY/ PYRIDOXAL PHOSPHATE, pharmacodynamics/ SOLUBILITY/ SPECTROMETRY, FLUORESCENCE/ STRUCTURE-ACTIVITY RELATIONSHIP/ VASOPRESSIN, pharmacodynamics

3226. Nakano R: [Polycystic ovary syndrome] Clin Endocrinol (Tokyo) 22:108-9, Jan 74 (Jap)
 FEMALE/ HUMAN/ *STEIN-LEVENTHAL SYNDROME, therapy

3227. Nakano R, Katayama K, Mizuno T, et al: Induction of ovulation with synthetic luteinizing hormone-releasing hormone. Fertil Steril 25:471-7, Jun 74
 BODY TEMPERATURE/ CERVIX MUCUS/ CLINICAL RESEARCH/ CLOMIPHENE, therapeutic use/ FEMALE/ HUMAN/
 INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ INSEMINATION, ARTIFICIAL/ LH-FSH RELEASING HORMONE, administration & dosage/ *LH-FSH RELEASING HORMONE, pharmacodynamics/
 LH-FSH RELEASING HORMONE, therapeutic use/ MENSTRUATION DISORDERS, drug therapy/ *OVULATION, drug effects/
 PREGNANEDIOL, analysis/

RADIOIMMUNOASSAY/ *STERILITY, FEMALE, drug therapy/ VAGINAL SMEARS

3228. Nakano T, Taira N: Proceedings: Potentiation by 5-hydroxytryptamine of the nociceptive response of the dog to various algogenic substances injected into the femoral artery. Jap J Pharmacol 24:Suppl:94, 1974
 ACETYLCHOLINE, administration & dosage/
 *ACETYLCHOLINE, pharmacodynamics/
 ANIMAL EXPERIMENTS/ DRUG SYNERGISM/
 FEMORAL ARTERY/ INJECTIONS, INTRA-ARTERIAL/ PAIN/ *SEROTONIN, pharmacodynamics

3229. Nakazato Y, Douglas WW: Vasopressin release from the isolated neurohypophysis induced by a calcium ionophore, X-537A. Nature 249:479-81, 31 May 74
 ANIMAL EXPERIMENTS/ *ANTIBIOTICS, pharmacodynamics/ BENZOATES, pharmacodynamics/ BIOLOGICAL TRANSPORT/ BRAIN CHEMISTRY, drug effects/ *CALCIUM, metabolism/
 DOSE-RESPONSE RELATIONSHIP, DRUG/
 EDTA, pharmacodynamics/ EXOCYTOSIS, drug effects/ MALE/ PITUITARY GLAND, POSTERIOR, metabolism/ *PITUITARY GLAND, POSTERIOR, secretion/ POTASSIUM, pharmacodynamics/ STIMULATION, CHEMICAL/ *VASOPRESSIN, secretion

3230. (Nalbandov AV): Citation for the Distinguished Leadership Award of The Endocrine Society for 1974 to Andrew V. Nalbandov, Ph.D. Endocrinology 95:330-1, Jul 74
 *AWARDS AND PRIZES/ CURRENT BIOG-OBIT/ *ENDOCRINOLOGY/ UNITED STATES

3231. Namazova AA, Gadzhiev AA: Sostoianie simpatoc adrenalovoi sistemy u zdorovykh i bol'nykh detei i podrostkov s pervichnoi arterial'noi gipertoniei. Pediatria 53:33-7, Apr 74 (Rus)
 *ADRENAL GLANDS, physiology/
 CATECHOLAMINES, urine/ DOPAMINE, urine/
 ENGLISH ABSTRACT/ HUMAN/
 *HYPOTENSION, physiology/
 HYPOTENSION, urine/ *SYMPATHETIC NERVOUS SYSTEM, physiology

3232. Namba T, Brunner NG, Grob D: Idiopathic giant cell polymyositis. Report of a case and review of the syndrome. Arch Neurol 31:27-30, Jul 74
 ALDOLASE, blood/ CASE REPORT/
 CREATINE KINASE, blood/
 ELECTROCARDIOGRAPHY/
 ELECTROMYOGRAPHY/ FEMALE/ HUMAN/
 MUSCLES, pathology/ MYASTHENIA GRAVIS, diagnosis/ MYASTHENIA GRAVIS, pathology/
 *MYOCARDITIS, diagnosis/ MYOCARDITIS, pathology/
 MYOCARDIUM, pathology/
 *MYOSITIS, diagnosis/ MYOSITIS, drug therapy/ MYOSITIS, pathology/ NEURAL CONDUCTION/ SYNDROME/ *THYMOMA, diagnosis/ THYMOMA, pathology/ *THYMUS NEOPLASMS, diagnosis/ THYMUS NEOPLASMS, pathology/ THYROID DISEASES, diagnosis/ THYROID DISEASES, pathology

3233. Nance DM, Shryne J, Gorski RA: Septal lesions: effects on lordosis behavior and pattern of gonadotropin release. Horm Behav 5:73-81, Mar 74
 ADRENAL GLANDS, physiology/
 ADRENALECTOMY/ AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ BRAIN, anatomy & histology/ CASTRATION/ CORPUS LUTEUM, physiology/ ESTRADIOL, administration & dosage/ ESTRADIOL, pharmacodynamics/ FEMALE/
 *GONADOTROPINS, metabolism/ INJECTIONS, SUBCUTANEOUS/ MALE/ POSTURE/
 PROGESTERONE, administration & dosage/
 PROGESTERONE, pharmacodynamics/ RATS/
 *SEPTUM PELLUCIDUM, physiology/ *SEX BEHAVIOR, ANIMAL, drug effects/
 STIMULATION, CHEMICAL/ TIME FACTORS/
 VAGINAL SMEARS

3234. Nankin HR, Lotudice T: Primary amenorrhea in a 46,XX-46,XXq-female. Obstet Gynecol 44:42-6, Jul 74
 AMENORRHEA, etiology/ CASE REPORT/

AUTHOR SECTION

- ESTRADIOL, blood/ ESTRONE, blood/
FEMALE/ FSH, blood/ HUMAN/
KARYOTYPING/ LH, blood/ OVARY,
physiopathology/ RADIOIMMUNOASSAY/ SEX
CHROMATIN/ *SEX CHROMOSOMES/
THYROXINE, blood/ TURNER'S SYNDROME,
blood/ TURNER'S SYNDROME, complications/
TURNER'S SYNDROME, diagnosis/ *TURNER'S
SYNDROME, familial & genetic/ TURNER'S
SYNDROME, physiopathology
3235. Narang NK, Bhandari VM, Mathur DS, et al: Bilateral
proptosis due to carcinoma of pancreas.
J Assoc Physicians India 21:331-3, Mar 73
*ADENOCARCINOMA, complications/
AUTOPSY/ CASE REPORT/
*EXOPHTHALMOS, etiology/ HUMAN/ MALE/
NEOPLASM METASTASIS/ *ORBITAL
NEOPLASMS, complications/ *PANCREATIC
NEOPLASMS, complications
3236. Narodetskaia RV, Nesterin MF, Solov'eva GI:
Fermentativnaya funktsiia podzhelechnof zhelezy v
usloviakh ispol'zovaniia preparatov anabolicheskogo
deistviia i diet s raznym kolichestvom belka.
Vopr Pitani 33:37-41, May-Jun 74 (Rus)
AMYLASE, metabolism/ *ANABOLIC
STEROIDS, pharmacodynamics/ ANIMAL
EXPERIMENTS/ DIET/ *DIETARY PROTEINS/
DIETHYLSTILBESTROL, pharmacodynamics/
ENGLISH ABSTRACT/ ETHIONINE,
pharmacodynamics/ MALE/
METHANDROSTENOLONE, pharmacodynamics/
ORGAN WEIGHT/ PANCREAS, drug effects/
*PANCREAS, enzymology/ PROPIONATES,
pharmacodynamics/ TESTOSTERONE,
pharmacodynamics/ TRYPSIN, metabolism/
TRYPSIN INHIBITORS, metabolism
3237. Nars PW, Helfenstein U, Olafsson A, et al: The
paradoxical growth hormone reaction after
intravenous glucose in the newborn.
Z Kinderheilkd 117:63-72, 8 Apr 74
AGE FACTORS/ BIRTH WEIGHT/ BLOOD
SUGAR/ GESTATIONAL AGE/ GLUCOSE,
administration & dosage/ *GLUCOSE,
pharmacodynamics/ HUMAN/ *INFANT,
NEWBORN/ INFANT, PREMATURE/
INJECTIONS, INTRAVENOUS/ INSULIN,
blood/ PITUITARY GLAND, metabolism/
RADIOIMMUNOASSAY/ *SOMATOTROPIN,
blood/ SOMATOTROPIN, secretion/ TWINS
3238. Narumi S, Miyamoto E: Activation and phosphorylation
of carbonic anhydrase by adenosine
3',5'-monophosphate-dependent protein kinases.
Biochim Biophys Acta 350:215-24, 20 May 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ADENOSINE TRIPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BINDING SITES/ BRAIN, enzymology/
*CARBONIC ANHYDRASE, blood/ CARBONIC
ANHYDRASE, metabolism/
CHROMATOGRAPHY, DEAE-CELLULOSE/
DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ ELECTROPHORESIS, DISC/
ENZYME ACTIVATION/ *ERYTHROCYTES,
enzymology/ GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ISOENZYMES, blood/ ISOENZYMES,
metabolism/ KINETICS/ MAGNESIUM,
pharmacodynamics/ MUSCLES, enzymology/
NUCLEOTIDES, CYCLIC, pharmacodynamics/
PHOSPHORUS RADIOISOTOPES/ PROTEIN
BINDING/ *PROTEIN KINASE/ SWINE/ TIME
FACTORS
3239. Narwid TA, Blount JF, Iacobelli JA, et al: Vitamin D3
metabolites. 3. Synthesis and X-ray analysis of 1
alpha,25-dihydroxycholesterol.
Helv Chim Acta 57:781-9, 27 Apr 74
*CHOLECALCIFEROL/ *CHOLESTEROL, chem
synthesis/ CRYSTALLOGRAPHY/
HYDROXYSTERIODS, chem synthesis/
MODELS, STRUCTURAL/ MOLECULAR
CONFORMATION/ NUCLEAR MAGNETIC
RESONANCE/ OPTICAL ROTATION/
SPECTROPHOTOMETRY, INFRARED/
SPECTRUM ANALYSIS, MASS
3240. Narwid TA, Cooney KE, Uskoković MR: Vitamin D3
metabolites. II. Further syntheses of
25-hydroxycholesterol.
Helv Chim Acta 57:771-81, 27 Apr 74
*CHOLECALCIFEROL/ *CHOLESTEROL, chem
synthesis/ HYDROXYSTERIODS, chem
synthesis/ METHODS/ NUCLEAR MAGNETIC
RESONANCE/ OPTICAL ROTATION/
SPECTROPHOTOMETRY, INFRARED/
SPECTRUM ANALYSIS, MASS/
STEREISOMERS
3241. Nasu T, Urakawa N: Proceedings: Inhibition of
K-induced contracture and Ca movement in guinea pig
taenia coli by caffeine.
Jap J Pharmacol 24:Suppl:148, 1974
ANIMAL EXPERIMENTS/ *CAFFEINE,
pharmacodynamics/ *CALCIUM, metabolism/
COLON, drug effects/ IN VITRO/ *MUSCLE
CONTRACTION, drug effects/ MUSCLE,
SMOOTH, metabolism/ *POTASSIUM,
pharmacodynamics
3242. Nath N, Bedi GS, Bhandari PK: Protein-prednisolone
interaction in the regulation of the activity of some
liver and kidney enzymes in growth-plateaued rats.
Enzyme 17:287-296, 1974
ANIMAL EXPERIMENTS/ DIETARY
PROTEINS, administration & dosage/
*DIETARY PROTEINS, metabolism/
GLUCOSEPHOSPHATASE, metabolism/
GLUCOSEPHOSPHATE DEHYDROGENASE,
metabolism/ *KIDNEY, enzymology/ *LIVER,
enzymology/ LIVER GLYCOGEN, metabolism/
MALE/ ORGAN WEIGHT/ PHOSPHOLIPIDS,
metabolism/ *PREDNISOLONE,
pharmacodynamics/ PROTEINS, metabolism/
RNA, metabolism/ STIMULATION,
CHEMICAL/ TRYPTOPHAN OXYGENASE,
metabolism
3243. Nathanielsz PW, Comline RS, Silver M, et al:
Proceedings: Thyroid function in the foetal calf.
N Engl J Med 291:1xxi, 11 Jun 74
ANIMAL EXPERIMENTS/ CORTICOTROPIN,
administration & dosage/ FEMALE/ *FETUS,
metabolism/ LABOR/ LABOR, INDUCED/
*THYROXINE, blood/ *TRIIODOTHYRONINE,
blood
3244. Naudinova NV: Izmenenie polovogo khromatina v
protsesse menstrual'nogo tsikla.
Lab Delo 5:271-2, 1974 (Rus)
CHEEK/ FEMALE/ HUMAN/
*MENSTRUATION/ MOUTH MUCOSA,
cytology/ *SEX CHROMATIN, analysis
3245. Nauman J, Nauman A: The "effective thyroxine
ratio"--new in vitro test of thyroid function and its
correlation with free thyroxine.
Acta Endocrinol (Kbh) 76:83-8, May 74
CHROMATOGRAPHY, PAPER/ FEMALE/
HUMAN/ HYPERTHYROIDISM, blood/
HYPOTHYROIDISM, blood/ IODINE
RADIOISOTOPES/ MALE/ METHODS/
PREGNANCY/ PROTEIN-BOUND IODINE
TEST/ *THYROID GLAND FUNCTION TESTS/
*THYROXINE, blood
3246. Naumova EV, Popova NK, Obut TA: Funktsiia polovoi
sistemy i ee vliianie na
gipofizarno-nadpocheknikovyi kompleks u samtsov
belykh krysov v gruppe i izolatsii.
Zh Obshch Biol 35:440-7, May-Jun 74 (Rus)
ANIMAL EXPERIMENTS/ *CASTRATION/
*CORTICOSTERONE, blood/ CORTICOTROPIN,
pharmacodynamics/ ENGLISH ABSTRACT/
FORMALDEHYDE, pharmacodynamics/
GENITALIA, MALE, physiology/
ISOPROTENOL, pharmacodynamics/ MALE/
PITUITARY-ADRENAL SYSTEM, drug effects/
SEASONS/ *SENSORY DEPRIVATION/
*SOCIAL DOMINANCE/ TESTIS, drug effects/
*TESTOSTERONE, blood
3247. Nava y Sánchez RM, Bravo Sandoval J, García Moreno
M: Tumores de la gonada femenina.
Ginecol Obstet Mex 35:173-89, Feb 74 (Spa)
ADOLESCENCE/ ADULT/ AGE FACTORS/
CHILD/ ENGLISH ABSTRACT/ FEMALE/

AUTHOR SECTION

- HUMAN/ MENOPAUSE/ MIDDLE AGE/
*OVARIAN NEOPLASMS/ PARITY/
PREGNANCY
3248. Naylor WG, Dunnett J: Regulation of myocardial contraction. *Adv Cardiol* 12:45-58, 1974 (23 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ BINDING SITES/ CALCIUM, pharmacodynamics/ *CALCIUM, physiology/ CALCIUM RADIOISOTOPES/ CELL MEMBRANE, drug effects/ CELL MEMBRANE PERMEABILITY/ HEART, drug effects/ *HEART, physiology/ HEART RATE/ MITOCHONDRIA, MUSCLE, physiology/ MYOCARDIUM, enzymology/ *MYOFIBRILS, physiology/ OUABAIN, pharmacodynamics/ REVIEW/ SARCOPLASMIC RETICULUM, physiology/ STIMULATION, CHEMICAL/ THYROXINE, physiology
3249. Nedil'ko ES: Prigotovlenie tonkikh shlifov iz nedekal' tsinrovannoi kosti.
Sud Med Ekspert 17:50-1, Jan-Mar 74 (Rus)
*BONE AND BONES, anatomy & histology/ FORENSIC MEDICINE/ *HISTOLOGICAL TECHNIQS/ HUMAN
3250. Negro-Vilar A, Orias R, McCann SM: The effects of intraventricular injection of antibiotics on LH release in the rat. *Proc Soc Exp Biol Med* 146:302-5, May 74
ANIMAL EXPERIMENTS/
*ANTIMETABOLITES, pharmacodynamics/ CASTRATION/ CEREBRAL VENTRICLES/ *CYCLOHEXIMIDE, pharmacodynamics/ *DACTINOMYCIN, pharmacodynamics/ FEMALE/ HYPOTHALAMUS, metabolism/ INJECTIONS/ LH, blood/ *LH, secretion/ LH-FSH RELEASING HORMONE, metabolism/ *PITUITARY GLAND, secretion/ *PUROMYCIN, pharmacodynamics/ RADIOIMMUNOASSAY/ RATS/ TIME FACTORS
3251. Negróni P, Besuschio S, Negróni R, et al: Studies on *Coccidioides immitis*. XVII: Morphology of the parasite in relationship with the host immunoallergic condition in the experimental infection of the guinea-pig. *Mycopathol Mycol Appl* 52:1-11, 27 Jan 74
ANIMAL EXPERIMENTS/ ANTIBODIES, FUNGAL, analysis/ CELL WALL/ CELLULAR INCLUSIONS/ COCCIDIOIDES/ *COCCIDIOIDES, cytology/ COCCIDIOIDES, isolation & purification/ *COCCIDIOIDOMYCOSIS, immunology/ COMPLEMENT FIXATION TESTS/ CYTOPLASM/ GEL DIFFUSION TESTS/ INJECTIONS/ INJECTIONS, INTRAMUSCULAR/ MALE/ MONOCYTES/ PRECIPITIN TESTS/ SKIN TESTS/ SPORES, FUNGAL, cytology/ TESTIS, microbiology/ TESTIS, pathology/ TIME FACTORS/ VACCINATION
3252. Nelfakh SA, Fuchkova LV: Letter: On the repression of mitochondrial DNA transcription by fructose 1,6-diphosphate and its derepression by cyclic adenosine 3',5'-monophosphate.
Mol Cell Biochem 3:165-8, 15 Apr 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ AMINO ACIDS/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHLORAMPHENICOL, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ *DNA, MITOCHONDRIAL, metabolism/ FRUCTOSEPHOSPHATES, pharmacodynamics/ *HEXOSDIPHOSPHATES, pharmacodynamics/ LIVER, cytology/ MEMBRANES, drug effects/ MEMBRANES, metabolism/ MITOCHONDRIA, LIVER/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ POLYRIBOSOMES, drug effects/ POLYRIBOSOMES, metabolism/ PUROMYCIN, pharmacodynamics/ RATS/ RIFAMPIN, pharmacodynamics/ *TRANSCRIPTION, GENETIC, drug effects/ TRANSLATION, GENETIC/ TRITIUM/ URIDINE
3253. Nell-Dwyer G, Cruickshank J, Stott A, et al: The urinary catecholamine and plasma cortisol levels in patients with subarachnoid haemorrhage.
J Neurol Sci 22:375-82, Jul 74
*CATECHOLAMINES, urine/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIES, physiopathology/ *CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, radiography/ EPINEPHRINE, metabolism/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ NOREPINEPHRINE, metabolism/ NORMETANEPHRINE, urine/ SUBARACHNOID HEMORRHAGE, blood/ SUBARACHNOID HEMORRHAGE, complications/ *SUBARACHNOID HEMORRHAGE, urine/ *VASOMOTOR SYSTEM, physiopathology
3254. Neill AR, Masters CJ: The distribution of ¹⁴C-label in the lipids of ram semen following the intratesticular injection of (1-¹⁴C)palmitic acid.
J Reprod Fertil 38:311-23, Jun 74
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ GLYCERIDES, analysis/ *LIPIDS, metabolism/ MALE/ *PALMITIC ACID, metabolism/ PHOSPHOINOSITIDES, analysis/ PHOSPHOLIPIDS, analysis/ *SEMEN, metabolism/ SHEEP/ SPERMATOGENESIS/ TESTIS, metabolism/ TIME FACTORS
3255. Neill JD, Smith MS: Pituitary-ovarian interrelationships in the rat.
Curr Top Exp Endocrinol 2:73-106, 1974
ANIMAL EXPERIMENTS/ CASTRATION/ CORPUS LUTEUM, secretion/ ESTROGENS, blood/ ESTROGENS, pharmacodynamics/ ESTROGENS, physiology/ ESTRUS/ FEMALE/ FSH, secretion/ *GONADOTROPINS, PITUITARY, physiology/ HYDROXYPROGESTERONE, physiology/ HYPOPHYSECTOMY/ LH, secretion/ *OVARY, physiology/ OVULATION/ *PITUITARY GLAND, physiology/ PREGNANCY/ PROGESTERONE, blood/ PROGESTERONE, physiology/ PROLACTIN, secretion/ PSEUDOPREGNANCY/ RADIOIMMUNOASSAY/ *RATS, physiology/ TIME FACTORS
3256. Némecsek S: Principles of synaptic ultrastructure in the central nervous system.
Sb Ved Pr Lek Fak Karlovy Univ 15:221-361, 1972
AXONS/ *CENTRAL NERVOUS SYSTEM, cytology/ DENDRITES/ EXTRACELLULAR SPACE/ HUMAN/ LYSOSOMES/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ NEUROSECRETORY SYSTEMS, cytology/ *SYNAPSES, cytology/ SYNAPTIC MEMBRANES/ SYNAPTIC RECEPTORS/ SYNAPTIC VESICLES
3257. Nepokroeff CM, Lakshmanan MR, Ness GC, et al: Regulation of the diurnal rhythm of rat liver beta-hydroxy-beta-methylglutaryl coenzyme A reductase activity by insulin, glucagon, cyclic AMP and hydrocortisone.
Arch Biochem Biophys 160:387-96, Feb 74
*ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, PAPER/ *CIRCADIAN RHYTHM, drug effects/ COMPARATIVE STUDY/ DACTINOMYCIN, pharmacodynamics/ DIABETES MELLITUS, chemically induced/ DIABETES MELLITUS, drug therapy/ DIABETES MELLITUS, enzymology/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ *GLUCAGON, pharmacodynamics/ GLUTARATES/ *HYDROCORTISONE, pharmacodynamics/ *INSULIN, pharmacodynamics/ INSULIN, therapeutic use/ MALE/ MEVALONIC ACID/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ OROTIC ACID, metabolism/ RATS/ STREPTOZOTOCIN/ THEOPHYLLINE, pharmacodynamics/ TIME FACTORS
3258. Nerup J: Addison's disease--serological studies.
Acta Endocrinol (Kbh) 76:142-58, May 74
ADDISON'S DISEASE, complications/

AUTHOR SECTION

- *ADDISON'S DISEASE, immunology/
*ADRENAL GLANDS, immunology/ ADULT/
AGE FACTORS/ AGED/ ANEMIA,
PERNICIOUS, complications/
ANTI-ANTIBODIES/ *ANTIBODIES, analysis/
ANTINUCLEAR FACTORS/ DIABETES
MELLITUS, complications/ FEMALE/
FLUORESCENT ANTIBODY TECHNIC/
GASTRIC MUCOSA, immunology/
HEMADSORPTION/ HORSES, immunology/
HUMAN/ HYPERTHYROIDISM, complications/
HYPOGONADISM, complications/ IMMUNE
SERUMS/ MALE/ MIDDLE AGE/ MONKEYS,
immunology/ RABBITS, immunology/
SALIVARY GLANDS, immunology/ THYROID
GLAND, immunology
3259. Nerup J: Addison's disease--clinical studies. A report fo
108 cases. Acta Endocrinol (Kbh) 76:127-41, May 74
ADDISON'S DISEASE, blood/ ADDISON'S
DISEASE, complications/ *ADDISON'S
DISEASE, diagnosis/ ADDISON'S DISEASE,
etiology/ ADULT/ AGE FACTORS/ ANEMIA,
PERNICIOUS, complications/ DENMARK/
DIABETES MELLITUS, complications/
FEMALE/ GOITER, complications/ HUMAN/
HYPERCALCEMIA, complications/
HYPERTHYROIDISM, complications/
HYPOGONADISM, complications/ MALE/
MIDDLE AGE/ MYXEDEMA, complications/
POTASSIUM, blood/ SEX FACTORS/ SODIUM,
blood
3260. Nesheim BI: Comparison of alpha- and beta-receptor
stimulation in the circular and longitudinal muscle of
the oestrogen and progesterone dominated rabbit
uterus.
Acta Pharmacol Toxicol (Kbh) 34:295-304, Apr 74
*ADRENERGIC ALPHA RECEPTOR
AGONISTS, pharmacodynamics/ *ADRENERGIC
BETA RECEPTOR AGONISTS,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CASTRATION/ COMPARATIVE STUDY/
*ESTROGENS, pharmacodynamics/ FEMALE/
IN VITRO/ *ISOPROTERENOL,
pharmacodynamics/ *MUSCLE, SMOOTH, drug
effects/ *NOREPINEPHRINE,
pharmacodynamics/ OVARY, physiology/
*PROGESTERONE, pharmacodynamics/
RABBITS/ *UTERUS, drug effects
3261. Neshev G: Vliianie aminazina i fenamina na stress v
eksperimente.
Patol Fiziol Eksp Ter 14:42-6, Sep-Oct 74 (Rus)
ADRENAL GLANDS, drug effects/
*AMPHETAMINE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BURNS, drug therapy/
*CHLORPROMAZINE, pharmacodynamics/
ENGLISH ABSTRACT/ EOSINOPHILS, drug
effects/ MALE/ RATS/ *STRESS, drug
therapy/ TIME FACTORS
3262. Neshev G: Sravnitelni farmakologichni efekti vurkhu
niakoi reaktivni zvena v organizma na opitni zhivotni.
Eksp Med Morfol 13:50-4, 1974 (Bul)
*AMINES, pharmacodynamics/ ANIMAL
EXPERIMENTS/ *CHLORPROMAZINE,
pharmacodynamics/ COMPARATIVE STUDY/
ENGLISH ABSTRACT/
HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
drug effects/ MALE/ *OILS, VOLATILE,
pharmacodynamics/ *PHENOLS,
pharmacodynamics/ PITUITARY-ADRENAL
SYSTEM, drug effects/ ROSA
3263. Nestor KE, Brown KI, Renner PA: Effect of genetic
changes in egg production, growth rate, semen yield
and response to cold stress on early mortality of
turkey poult. Poult Sci 53:204-10, Jan 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
BODY WEIGHT/ *COLD/ CORTICOSTERONE,
blood/ *EGGS/ FEMALE/ GENOTYPE/ MALE/
*POULTRY DISEASES, mortality/ POULTRY
DISEASES, physiopathology/ *SELECTION
(GENETICS)/ *SEMEN, secretion/ STRESS,
physiopathology/ *STRESS, veterinary/
TURKEYS, growth & development/
*TURKEYS, physiology
3264. Neufeld AH, Sears ML: Cyclic-AMP in ocular tissues of
the rabbit, monkey, and human.
Invest Ophthalmol 13:475-7, Jun 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, biosynthesis/ ANIMAL
EXPERIMENTS/ AQUEOUS HUMOR,
metabolism/ CILIARY BODY, metabolism/
COMPARATIVE STUDY/ CORNEA,
metabolism/ EPINEPHRINE,
pharmacodynamics/ *EYE, metabolism/
HUMAN/ IRIS, metabolism/ ISOPROTERENOL,
pharmacodynamics/ MACACA/ MALE/
MONKEYS/ NOREPINEPHRINE,
pharmacodynamics/ PHENOXYBENZAMINE,
pharmacodynamics/ PROPRANOLOL,
pharmacodynamics/ RABBITS/ SCLERA,
metabolism/ THEOPHYLLINE,
pharmacodynamics
3265. Neuwirth J, Raboch J, Michalová K: Cytogenetická a
klinická studie u čtyř mužů s karyotypem 46, X.
Sb Lek 74:282-8, Sep 72 (Cze)
CROSSING OVER (GENETICS)/
*CYTOGENETICS/ ENGLISH ABSTRACT/
HUMAN/ KARYOTYPING/ *KLINEFELTER'S
SYNDROME, familial & genetic/ MALE/
PHENOTYPE/ STERILITY, MALE, etiology
3266. Newcomer WS, Huang FS: Thyrotropin-releasing
hormone in chicks. Endocrinology 95:318-20, Jul 74
ANIMAL EXPERIMENTS/ CHICKENS/ IODINE
RADIOISOTOPES/ THYROTROPIN
RELEASING HORMONE, antagonists &
inhibitors/ *THYROTROPIN RELEASING
HORMONE, pharmacodynamics/ THYROXINE,
pharmacodynamics/ TIME FACTORS
3267. Newsome DA, Fletcher RT, Robison WG Jr, et al:
Effects of cyclic AMP and Sephadex fractions of chick
embryo extract on cloned retinal pigmented
epithelium in tissue culture.
J Cell Biol 61:369-82, May 74
CELL ADHESION, drug effects/ CELL
DIFFERENTIATION, drug effects/ CELL
DIVISION, drug effects/ CELL LINE/ CHICK
EMBRYO/ CLONE CELLS/ CULTURE MEDIA/
*DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ EPITHELIAL CELLS,
cytology/ *EPITHELIAL CELLS, drug effects/
EPITHELIAL CELLS, enzymology/ GEL
FILTRATION/ INTERCELLULAR JUNCTIONS/
MICROSCOPY, ELECTRON/ MICROSCOPY,
PHASE CONTRAST/ ORGANOIDES/
PHOSPHODIESTERASES, metabolism/
PIGMENTATION, drug effects/ *RETINA/
THEOPHYLLINE, pharmacodynamics/ *TISSUE
EXTRACTS, pharmacodynamics
3268. Newstead DF, Flux DS: Induction of lactation in a bull
calf for casein variant phenotyping.
J Dairy Sci 57:344-6, Mar 74
ANIMAL EXPERIMENTS/ BODY FLUIDS,
metabolism/ *CASEIN, metabolism/ *CATTLE,
physiology/ DIETHYLSTILBESTROL,
pharmacodynamics/ FATTY ACIDS,
metabolism/ FEMALE/ *LACTATION, drug
effects/ LACTOSE, metabolism/ LIPIDS,
metabolism/ MALE/ PHENOTYPE/ SEX
FACTORS
3269. Nguyen VC, Sennott WM, Knox GS: Neonatal
hyperparathyroidism. Radiology 112:175-8, Jul 74
BONE RESORPTION, radiography/ FEMALE/
FEMUR, radiography/ HAND, radiography/
HUMAN/ *HYPERPARATHYROIDISM,
radiography/ INFANT, NEWBORN/ *INFANT,
NEWBORN, DISEASES, radiography/ RIB
FRACTURES, radiography/ WOUND HEALING
3270. Nice E, Williams K: Simultaneous estimation of
pregnenolone, 17-hydroxypregnenolone and
dehydroepiandrosterone by gas-liquid
radiochromatography.
Anal Biochem 59:399-406, Jun 74
*ADRENAL GLANDS, analysis/
ADRENALECTOMY/ BREAST NEOPLASMS,
therapy/ CARBON RADIOISOTOPES/
CHROMATOGRAPHY, GAS/
*DEHYDROEPIANDROSTERONE, analysis/
EVALUATION STUDIES/ FEMALE/ HUMAN/
*HYDROXYREGNENOLONE, analysis/

AUTHOR SECTION

METHODS/ MICROSOMES, metabolism/
*PREGNENOLONE, analysis/ PREGNENOLONE,
metabolism/ TRITIUM

3271. Nicholas GG, Mela LM, Miller LD: Early alterations in mitochondrial membrane transport during endotoxemia. *J Surg Res* 16:375-83, Apr 74
*ADENINE NUCLEOTIDES, metabolism/
ADENOSINE DIPHOSPHATE, metabolism/
ADENOSINE TRIPHOSPHATE, biosynthesis/
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ *CALCIUM, metabolism/
*ENDOTOXINS/ ENDOTOXINS, administration
& dosage/ HYDROGEN-ION
CONCENTRATION/ INJECTIONS,
INTRAPERITONEAL/ MEMBRANES,
metabolism/ *MITOCHONDRIA, LIVER,
metabolism/ OXIDATIVE
PHOSPHORYLATION/ OXYGEN
CONSUMPTION/ PHOSPHATES, metabolism/
*POTASSIUM, metabolism/ RATS/ SHOCK,
TOXIC, metabolism/ *TOXEMIA, metabolism

3272. Nicholson BL, Dunn J: Homologous viral interference in trout and Atlantic salmon cell cultures infected with infectious pancreatic necrosis virus. *J Virol* 14:180-2, Jul 74
ANIMAL EXPERIMENTS/ CELL LINE/
GONADS/ IN VITRO/ *REOVIRUS, growth &
development/ SALMON/ SALMONIDAE/
*VIRAL INTERFERENCE/ VIRUS
REPLICATION

3273. Nicholson TC, Walsh PC, Rotner MB:
Lymphadenectomy combined with preoperative and postoperative cobalt 60 teletherapy in the management of embryonal carcinoma and teratocarcinoma of the testis. *J Urol* 112:109-10, Jul 74
BODY WEIGHT, radiation effects/ BONE
MARROW, radiation effects/
CHORIOCARCINOMA, radiotherapy/
CHORIOCARCINOMA, surgery/ *COBALT
RADIOISOTOPES, therapeutic use/
DISGERMINOMA, radiotherapy/
DISGERMINOMA, surgery/ EJACULATION,
radiation effects/ HUMAN/ INTESTINAL
OBSTRUCTION/ *LYMPH NODE EXCISION/
MALE/ NEOPLASM METASTASIS/
*RADIOISOTOPE TELETERAPY/ *TERATOID
TUMOR, radiotherapy/ TERATOID TUMOR,
surgery/ *TESTICULAR NEOPLASMS,
radiotherapy/ TESTICULAR NEOPLASMS,
surgery/ WOUND HEALING, radiation effects

3274. Nicol CJ, Rae RM, Buckett WR: The effect of corticosteroids on the response of the isolated artery to noradrenaline. *Bibl Anat* 12:410-3, 1973
ANIMAL EXPERIMENTS/ *ARTERIES, drug
effects/ COMPARATIVE STUDY/
DOSE-RESPONSE RELATIONSHIP, DRUG/
DRUG SYNERGISM/ EAR, EXTERNAL, blood
supply/ *GLUCOCORTICOIDES,
pharmacodynamics/ MALE/ MICROSCOPY,
FLUORESCENCE/ MUSCLE, SMOOTH, blood
supply/ MUSCLE, SMOOTH, drug effects/
NOREPINEPHRINE, administration & dosage/
NOREPINEPHRINE, antagonists & inhibitors/
*NOREPINEPHRINE, pharmacodynamics/
RABBITS/ *VASOMOTOR SYSTEM, drug
effects

3275. Nicolaescu T, Stoiculescu P, Bittman E, et al:
Indicațiile, metoda și eficiența tratamentului
imunosupresiv în hepatopatiile cronice active. I.
Modificări în dinamica generală a bolii. II. Frenarea
procesului de cronicizare.
Med Interna (Bucur) 26:453-64, Apr 74 (Rum)
*AZATHIOPRINE, therapeutic use/ CHRONIC
DISEASE/ ENGLISH ABSTRACT/ FEMALE/
HEPATITIS, drug therapy/ HUMAN/
*IMMUNOSUPPRESSIVE AGENTS, therapeutic
use/ LIVER CIRRHOSIS, drug therapy/
*LIVER DISEASES, drug therapy/ MALE/
*PREDNISONE, therapeutic use

3276. Nicolescu T, Bittman E, Stoiculescu P, et al: Indicațiile,
metoda și eficiența tratamentului imunodepresiv în
hepatitele cronice active. 3. Evoluția tabloului
imunologic. IV. Ameliorarea parametrilor funcționali.
Med Interna (Bucur) 26:465-78, Apr 74 (Rum)

*AZATHIOPRINE, therapeutic use/ BLOOD
PROTEINS, analysis/ CHRONIC DISEASE/
DRUG THERAPY, COMBINATION/ ENGLISH
ABSTRACT/ HUMAN/ IMMUNOGLOBULINS,
analysis/ *IMMUNOSUPPRESSIVE AGENTS,
therapeutic use/ LIPOPROTEINS, blood/
*LIVER DISEASES, drug therapy/ LIVER
DISEASES, immunology/ LIVER FUNCTION
TESTS/ *PREDNISONE, therapeutic use/
PROTHROMBIN, analysis

3277. Niebuhr E: Triploidy in man. Cytogenetical and clinical
aspects. *Humangenetik* 21:103-25, 21 Feb 74 (125 ref.)
ABORTION, familial & genetic/ ANIMAL
EXPERIMENTS/ BIRTH WEIGHT/
CHROMOSOME ABERRATIONS/ CROSSING
OVER (GENETICS)/ FEMALE/
FERTILIZATION/ GENES, LETHAL/
GENOTYPE/ HUMAN/ MALE/ MATERNAL
AGE/ MEIOSIS/ MOSAICISM/ *POLYPLOIDY/
PREGNANCY COMPLICATIONS/ REVIEW/
SEASONS/ SEX CHROMATIN/ SEX
CHROMOSOMES/ STERILITY, familial &
genetic/ TIME FACTORS

3278. Niederer W: Immunoendokrinologie.
Schweiz Med Wochenschr 104:841-7, 15 Jun 74 (87 ref.)
(Ger)

ADDISON'S DISEASE, immunology/
ANTIBODY FORMATION/
ANTIGEN-ANTIBODY REACTIONS/
AUTOANTIBODIES/ *AUTOIMMUNE
DISEASES/ CORTICOTROPIN, metabolism/
CUSHING'S SYNDROME, immunology/
ENDOCRINE DISEASES, immunology/
ENGLISH ABSTRACT/ EPINEPHRINE,
metabolism/ GAMMA GLOBULIN/
GONADOTROPINS, metabolism/ HUMAN/
HYPOPARATHYROIDISM, immunology/
*IMMUNITY/ IMMUNOSUPPRESSION/
LYMPHOCYTE TRANSFORMATION/
PHAGOCYTOSIS/ PITUITARY GLAND,
immunology/ REVIEW/ SEROTONIN,
metabolism/ THYMUS GLAND, immunology/
THYROID GLAND, immunology/ TISSUE
EXTRACTS, pharmacodynamics

3279. Niekerk CH van, Heerden JS van: Nutrition and ovarian
activity of mares early in the breeding season.
J S Afr Vet Med Assoc 43:351-60, Dec 72
ANIMAL EXPERIMENTS/ ANIMAL FEED/
*ANIMAL NUTRITION/ *BREEDING/
COMPARATIVE STUDY/ ESTRUS/ FEMALE/
GRAAFIAN FOLLICLE, anatomy & histology/
GRASSES/ *HORSES, physiology/ OVARY,
anatomy & histology/ *OVARY, physiology/
OVULATION/ SEASONS

3280. Nielsen G, Simonsen EE, Schmidt KG:
Meningokokkaemi og dissemineret intravaskulær
koagulation (DIC). To tilfælde.
Ugeskr Laeger 136:1156-8, 20 May 74 (Dan)
BIOPSY/ BLOOD COAGULATION/
DISSEMINATED INTRAVASCULAR
COAGULATION, blood/ *DISSEMINATED
INTRAVASCULAR COAGULATION, etiology/
ENGLISH ABSTRACT/ FIBRIN, metabolism/
FIBRINOGEN, metabolism/ HUMAN/ MALE/
PROTHROMBIN TIME/ SKIN, pathology/
WATERHOUSE-FRIDERICHSEN SYNDROME,
blood/ *WATERHOUSE-FRIDERICHSEN
SYNDROME, complications

3281. Nielsen H, Nielsen M, Skakkebaek NE: The fine
structure of possible carcinoma-in-situ in the
seminiferous tubules in the testis of four infertile
men.
Acta Pathol Microbiol Scand [A] 82:235-48, Mar 74
ADULT/ BASEMENT MEMBRANE/ BIOPSY/
*CARCINOMA IN SITU, pathology/ CELL
NUCLEUS/ CYTOPLASM/ GERM CELLS/
HUMAN/ LEYDIG CELLS, cytology/ MALE/
MICROSCOPY, ELECTRON/ NEOPLASMS,
EMBRYONAL AND MIXED, pathology/
ORGANOIDS/ *SEMINAL VESICLES,
pathology/ SERTOLI CELLS/
SPERMATOGENESIS/ STERILITY, MALE/
*TESTICULAR NEOPLASMS, pathology/
*TESTIS, pathology

AUTHOR SECTION

3282. Nielsen J, Friedrich U, Hreidarsson AB, et al: Letter: Brilliantly fluorescing enlarged short arms D or G. *Lancet* 1:1049-50, 25 May 74
*CHROMOSOME ABERRATIONS/
CHROMOSOME ABNORMALITIES, familial & genetic/ *CHROMOSOMES, HUMAN, 13-15/
*CHROMOSOMES, HUMAN, 21-22/ FEMALE/
FLUORESCENCE/ HUMAN/ INFANT,
NEWBORN/ KARYOTYPING/ MALE/ SEX
CHROMOSOME ABNORMALITIES, diagnosis
3283. Nielsen TP, Bodfish RE, Kabok A: Letter: Serum digoxin and thyroid hormones.
Ann Intern Med 81:126-7, Jul 74
*DIGOXIN, blood/ DIGOXIN, metabolism/
DIGOXIN, therapeutic use/ HEART FAILURE,
CONGESTIVE, drug therapy/ HUMAN/
IODINE ISOTOPES, DIAGNOSTIC/ MALE/
RADIOIMMUNOASSAY/ *THYROXINE, blood/
*TRIODOXYRINE, blood
3284. Niemann KM, Reymann FM: Sialic acid content of cortical bone. *Biochem Med* 10:146-52, Jun 74
ADOLESCENCE/ ADULT/ AGE FACTORS/
AGED/ ANIMAL EXPERIMENTS/ *BONE AND
BONES, analysis/ CHILD/ CHILD,
PRESCHOOL/ CHROMATOGRAPHY, ION
EXCHANGE/ DEOXYRIBOSE, analysis/ EDTA/
FEMALE/ FEMUR, analysis/ FETUS/ FREEZE
DRYING/ HUMAN/ MALE/ MIDDLE AGE/
*NEURAMINIC ACIDS, analysis/ RABBITS/
TIBIA, analysis
3285. Nieschlag E, Kley HK: Loss of sexual activity in rabbits actively immunized with testosterone.
Experientia 30:434-5, 15 Apr 74
ANIMAL EXPERIMENTS/ BINDING,
COMPETITIVE/ COMPARATIVE STUDY/
ESTRADIOL, blood/ ESTRONE/
*IMMUNIZATION/ MALE/ SEX BEHAVIOR,
ANIMAL/ *TESTOSTERONE/ TESTOSTERONE,
blood
3286. Nieschlag E, Usadel KH, Kley HK, et al: A new approach for investigating hypothalamo-pituitary-gonadal and adrenal feedback control mechanisms: active immunization with steroids.
Acta Endocrinol (Kbh) 76:556-69, Jul 74
*ADRENAL GLANDS, drug effects/
ADRENALECTOMY/ ALDOSTERONE, blood/
*ALDOSTERONE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BINDING, COMPETITIVE/
CELL NUCLEUS/
*DEHYDROEPIANDROSTERONE,
pharmacodynamics/ ESTRADIOL, blood/
*ESTRADIOL, pharmacodynamics/ FEEDBACK/
*GONADS, drug effects/ HYDROCORTISONE,
blood/ *HYDROCORTISONE,
pharmacodynamics/ *HYPOTHALAMUS, drug
effects/ IMMUNIZATION/ LEYDIG CELLS,
cytology/ MALE/ METHODS/ *PITUITARY
GLAND, drug effects/ PROTEIN BINDING/
RADIOIMMUNOASSAY/ STANOLONE, blood/
*STANOLONE, pharmacodynamics/
TESTOSTERONE, blood/ *TESTOSTERONE,
pharmacodynamics
3287. Nieschlag E, Walk T, Schindler AE:
Dehydroepiandrosterone (DHA) and DHA-sulphate during pregnancy in maternal blood.
Horm Metab Res 6:170-1, Mar 74
CHROMATOGRAPHY, GAS/ COMPARATIVE
STUDY/ *DEHYDROEPIANDROSTERONE,
blood/ FEMALE/ HUMAN/ *PREGNANCY/
RADIOIMMUNOASSAY/ *SULFURIC ACIDS,
blood
3288. Nikkilä EA, Pelkonen R, Taskinen MR, et al: Insulin deficiency associated with hypoglycemia and good glucose tolerance in hypopituitarism. Report of a case with acromegaly developing pituitary apoplexy.
Acta Med Scand 195:435-9, May 74
*ACROMEGALY, complications/
ACROMEGALY, metabolism/ AGED/ BLOOD
SUGAR/ CEREBROVASCULAR DISORDERS,
etiology/ FEMALE/ GLUCOSE TOLERANCE
TEST/ HUMAN/ HYDROCORTISONE, blood/
HYDROXYPROLINE, urine/ *HYPOGLYCEMIA,
etiology/ HYPOGLYCEMIA, metabolism/
*HYPOPITUITARISM, etiology/
HYPOPITUITARISM, metabolism/ INSULIN,
blood/ IODINE RADIOISOTOPES/
*PREDIABETIC STATE, etiology/
PREDIABETIC STATE, metabolism/
SOMATOTROPIN, blood
3289. Nikolaev AI, Kozlov EA, Sokolov NN, et al: Fiziko-khimicheskie svoystva i protivolekotsialnaya aktivnost' kristallicheskoj L-asparaginazy Escherichia coli.
Vopr Med Khim 20:272-6, May 74 (Rus)
*ANTINEOPLASTIC AGENTS,
pharmacodynamics/ ASPARAGINASE, analysis/
*ASPARAGINASE, pharmacodynamics/
BURKITT'S LYMPHOMA, drug therapy/ CELL
LINE/ CELLS, CULTURED/ CHEMISTRY,
PHYSICAL/ CRYSTALLIZATION/
CYTOTOXICITY TESTS, IMMUNOLOGIC/
DNA, NEOPLASM, metabolism/ ENGLISH
ABSTRACT/ *ESCHERICHIA COLI,
enzymology/ FEMALE/ HUMAN/
HYDROGEN-ION CONCENTRATION/
HYDROLYSIS/ IN VITRO/ ISOELECTRIC
FOCUSING/ *LEUKEMIA, drug therapy/
MOLECULAR WEIGHT/ OVARIAN
NEOPLASMS, drug therapy/ THYMIDINE,
metabolism/ TRITIUM
3290. Nikolaeva NV, Arkhipova OV: Obrazovanie keloidnykh rubcsov posle vnutrikhoznykh protivotuberkuleznykh privivok.
Probl Tuberk 65:35-8, 1974 (Rus)
BCG VACCINATION, adverse effects/
*CICATRIX, etiology/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ INJECTIONS,
INTRADERMAL, adverse effects/ *KELOID,
etiology/ MALE/ PUBERTY/ SEX FACTORS/
TUBERCULOSIS IN CHILDHOOD, prevention
& control/ TUBERCULOSIS VACCINES,
administration & dosage/ TUBERCULOSIS
VACCINES, adverse effects
3291. Nikolaichuk LV: Sluchaï revmaticheskogo gipoparatioreza. *Vrach Delo* 4:100-1, 1974 (Rus)
ADULT/ CALCIUM, therapeutic use/
FEMALE/ GLUCONATES, therapeutic use/
HUMAN/ *HYPOPARATHYROIDISM, diagnosis/
HYPOPARATHYROIDISM, drug therapy/
PARATHYROID HORMONE, therapeutic use/
*RHEUMATIC FEVER, complications
3292. Nikolova R, Mitovska M, Dancheva K: Fosforilirane na khiston F 1 v timotsiti.
Ekap Med Morfol 12:199-203, 1973 (Bul)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CATTLE/ DNA REPLICATION/ ENGLISH
ABSTRACT/ *HISTONES/ *OXIDATIVE
PHOSPHORYLATION, drug effects/ *THYMUS
GLAND, cytology
3293. Nilsson KO, Thorell JI, Hökfelt B: The effect of thyrotrophin releasing hormone on the release of thyrotrophin and other pituitary hormones in man under basal conditions and following adrenergic blocking agents.
Acta Endocrinol (Kbh) 76:24-34, May 74
ADULT/ BLOOD SUGAR, metabolism/ FSH,
blood/ HUMAN/ HYDROCORTISONE, blood/
LH, blood/ MALE/ *PHENTOLAMINE,
pharmacodynamics/ *PITUITARY GLAND, drug
effects/ *PROPANOLOL, pharmacodynamics/
RADIOIMMUNOASSAY/ SOMATOTROPIN,
blood/ STIMULATION, CHEMICAL/
*THYROTROPIN, blood/ *THYROTROPIN
RELEASING HORMONE, pharmacodynamics/
THYROXINE, blood/ TIME FACTORS
3294. Nilsson L: Failure of adrenalectomy to influence the acute effect of FSH on ovarian metabolism.
Acta Physiol Scand 91:139-41, May 74
*ADRENAL GLANDS, physiology/
ADRENALECTOMY/ AMINO ACIDS,
metabolism/ *AMINOISOBUTYRIC ACID,
metabolism/ ANIMAL EXPERIMENTS/
FEMALE/ *FSH, pharmacodynamics/
GLYCOLYSIS, drug effects/ LACTATES,
metabolism/ LH, pharmacodynamics/ *OVARY,
drug effects/ OVARY, metabolism

AUTHOR SECTION

3295. Nilsson O, Nygren KG: Ultrastructure of human uterine epithelium at the time of implantation after postovulatory administration of norethindrone. Ups J Med Sci 79:65-71, 1974
ADMINISTRATION, ORAL/ BIOPSY/
*CONTRACEPTIVES, ORAL,
pharmacodynamics/ DEPRESSION, CHEMICAL/
ENDOMETRIUM, cytology/ *ENDOMETRIUM,
drug effects/ ENDOMETRIUM, pathology/
EPITHELIAL CELLS, drug effects/
EPITHELIUM, drug effects/ ESTRADIOL,
blood/ FEMALE/ HUMAN/ MICROSCOPY,
ELECTRON/ MITOCHONDRIA, drug effects/
*NIDATION, drug effects/ NORETHINDRONE,
administration & dosage/ NORETHINDRONE,
blood/ *NORETHINDRONE, pharmacodynamics/
OVULATION, drug effects/ PROGESTERONE,
blood/ TIME FACTORS
3296. Ninfo V: La tiroidite cronica plasmacellulare. (Contributo casisto e revisione della letteratura. Pathologica 65:399-404, Nov-Dec 73 (Ita)
CHRONIC DISEASE/ DIAGNOSIS,
DIFFERENTIAL/ DIAGNOSTIC ERRORS/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
*PLASMA CELLS/ THYROID NEOPLASMS,
diagnosis/ THYROIDECTOMY/ *THYROIDITIS/
THYROIDITIS, diagnosis/ THYROIDITIS,
pathology/ THYROIDITIS, LYMPHOMATOUS,
diagnosis
3297. Nishi K, Sakanashi M, Sakamoto K, et al: Proceedings: Effects of 5-hydroxytryptamine and its analogues on carotid body chemoreceptors in the cat. Jap J Pharmacol 24:Suppl:103, 1974
ANIMAL EXPERIMENTS/ *CAROTID BODY,
drug effects/ *SEROTONIN, pharmacodynamics
3298. Nishida S, Jungmann RA: Biosynthesis of steroids from (14C)cholesterol, (3H) progesterone and (3H)pregnenolone by human adrenal carcinoma tissue. Clin Chim Acta 52:97-103, Mar 74
ADRENAL GLAND NEOPLASMS,
complications/ *ADRENAL GLAND
NEOPLASMS, metabolism/
ANDROSTENEDIONE, biosynthesis/ CARBON
RADIOISOTOPES/ CARCINOMA, complications/
*CARCINOMA, metabolism/ *CHOLESTEROL,
metabolism/ CHROMATOGRAPHY, PAPER/
CHROMATOGRAPHY, THIN LAYER/
CRYSTALLIZATION/
DEHYDROEPIANDROSTERONE, biosynthesis/
FEMALE/ HUMAN/
HYDROXYPROGESTERONE, biosynthesis/ IN
VITRO/ ISOTOPE LABELING/ MIDDLE AGE/
*PREGNENOLONE, metabolism/
*PROGESTERONE, metabolism/ *STEROIDS,
biosynthesis/ TRITIUM/ VIRILISM,
complications/ VIRILISM, metabolism
3299. Nishikawa T, Tsujimoto A: [Proceedings: Catecholamine release by ouabain from perfused adrenal glands of dogs. Jap J Pharmacol 24:Suppl:27, 1974
*ADRENAL GLANDS, metabolism/ ANIMAL
EXPERIMENTS/ *CATECHOLAMINES,
metabolism/ IN VITRO/ *OUABAIN,
pharmacodynamics/ STIMULATION,
CHEMICAL
3300. Nishino H: [Regional blood flow in the brain. 3. Effects of electrical stimulation of the brain stem reticular formation, hippocampus and the septum on regional blood flow and the electroencephalograms] Folia Pharmacol Jap 69:855-62, Nov 73 (Jap)
AMYGDALOID BODY, physiology/ ANIMAL
EXPERIMENTS/ BLOOD PRESSURE/ CATS/
*CEREBROVASCULAR CIRCULATION/
ELECTRIC STIMULATION/
*ELECTROENCEPHALOGRAPHY/ ENGLISH
ABSTRACT/ *HIPPOCAMPUS, physiology/
REGIONAL BLOOD FLOW/ *RETICULAR
FORMATION, physiology/ *SEPTUM
PELLUCIDUM, physiology
3301. Nishino Y, Neumann F: The sialic acid content in mouse female reproductive organs as a quantitative parameter for testing the estrogenic and antiestrogenic effect, antiestrogenic depot effect, and dissociated effect of estrogens on the uterus and vagina. Acta Endocrinol [Suppl] (Kbh) 187:3-62, 1974
*ANDROGENS, pharmacodynamics/ ANIMAL
EXPERIMENTS/ CASTRATION/ CERVIX
UTERI, drug effects/ CHLORMADINONE,
pharmacodynamics/ ESTROGENIC
SUBSTANCES, CONJUGATED,
pharmacodynamics/ *ESTROGENS,
pharmacodynamics/ *ESTRUS, drug effects/
ETHINYL ESTRADIOL, pharmacodynamics/
FEMALE/ HYDROXYPROGESTERONE,
pharmacodynamics/ LYNESTRENOL,
pharmacodynamics/
MEDROXYPROGESTERONE,
pharmacodynamics/ MEGESTROL,
pharmacodynamics/ MESTRANOL,
pharmacodynamics/ NANDROLONE,
pharmacodynamics/ *NEURAMINIC ACIDS,
metabolism/ NORETHINDRONE,
pharmacodynamics/ NORETHYNODREL,
pharmacodynamics/ NORGESTREL,
pharmacodynamics/ *PROGESTATIONAL
HORMONES, pharmacodynamics/
PROGESTERONE, pharmacodynamics/
STIMULATION, CHEMICAL/ TESTOSTERONE,
pharmacodynamics/ *UTERUS, drug effects/
*VAGINA, drug effects
3302. Nishio H, Segawa T, Takagi H: Proceedings: Influences of cold and colchicine treatment on the 5-HT release from rabbit blood platelets. Jap J Pharmacol 24:Suppl:93, 1974
BLOOD PLATELETS, drug effects/ *BLOOD
PLATELETS, metabolism/ *COLCHICINE,
pharmacodynamics/ *COLD/ *SEROTONIN,
metabolism
3303. Nishizuka Y, Okubo T, Okawara A, et al: [Symposium I: The skin and cyclic AMP] Jap J Dermatol [A] 84:46-51, 1974 (Jap)
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, physiology/ ADENYL
CYCLASE, metabolism/ GLYCOGEN,
metabolism/ HUMAN/ MELANOCYTES,
metabolism/ NEOPLASMS, metabolism/
PSORIASIS, metabolism/ *SKIN, metabolism
3304. Nisipeanu P: Problems of immunology in myasthenia, polymyositis and Guillain-Barré syndrome. Rev Roum Neurol 10:85-101, 1973 (165 ref.)
ADRENAL CORTEX HORMONES, therapeutic
use/ ANIMAL EXPERIMENTS/ ANTIBIOTICS,
ANTINEOPLASTIC, therapeutic use/
ANTIBODIES, analysis/ AUTOIMMUNE
DISEASES, complications/ AUTOIMMUNE
DISEASES, immunology/ DEMYELINATION,
etiology/ DERMATOMYOSITIS, immunology/
DISEASE MODELS, ANIMAL/ HUMAN/
HYPERSENSITIVITY, DELAYED, immunology/
IMMUNOSUPPRESSION/ LYMPHOCYTES,
immunology/ MACACA/ MYASTHENIA
GRAVIS, complications/ *MYASTHENIA
GRAVIS, immunology/ MYASTHENIA GRAVIS,
therapy/ MYOSITIS, drug therapy/
MYOSITIS, immunology/ *POLYRADICULITIS,
immunology/ POLYRADICULITIS, pathology/
REVIEW/ THYMECTOMY/ THYMUS GLAND,
immunology
3305. Nison DW, Aisenberg AC: Combination chemotherapy of Hodgkin's disease. Cancer 33:1499-504, Jun 74
AGE FACTORS/ BONE MARROW, drug
effects/ DRUG THERAPY, COMBINATION,
adverse effects/ EVALUATION STUDIES/
FOLLOW-UP STUDIES/ *HODGKIN'S
DISEASE, drug therapy/ HUMAN/
MECHLORETHAMINE,
administration & dosage/
*MECHLORETHAMINE, therapeutic use/
PREDNISONE, administration & dosage/
*PREDNISONE, therapeutic use/
PROCARBAZINE, administration & dosage/
*PROCARBAZINE, therapeutic use/
REMISSION/ VINCRISTINE, administration &
dosage/ *VINCRISTINE, therapeutic use
3306. Nitzan M: [Editorial: Hormonal changes in malnutrition in infancy and childhood] Harefuah 86:335-7, 15 Mar 74 (Heb)
CHILD, PRESCHOOL/ *HORMONES,

AUTHOR SECTION

- physiology/ HUMAN/ INFANT/ *NUTRITION DISORDERS, physiopathology
3307. Nitzan M, Wilber JF: Effect of postnatal malnutrition on plasma proteins and growth hormone in the rat. *Horm Res* 5:167-72, 1974
ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, metabolism/ CELLULOSE/ COMPARATIVE STUDY/ DISEASE MODELS, ANIMAL/ ELECTROPHORESIS/ FEMALE/ MALE/ *NUTRITION DISORDERS, blood/ NUTRITION DISORDERS, metabolism/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, metabolism/ SERUM GLOBULINS, metabolism/ *SOMATOTROPIN, blood/ TIME FACTORS/ WEANING
3308. Niven PA, Buhl WC, Spellacy WN: The effect of intravenous oestrogen injections on plasma human placental lactogen levels.
J Obstet Gynaecol Br Commonw 81:466-8, Jun 74
ESTROGENIC SUBSTANCES, CONJUGATED, administration & dosage/ *ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ FEMALE/ GESTATIONAL AGE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *PLACENTAL LACTOGEN, blood/ RADIOIMMUNOASSAY/ TIME FACTORS
3309. Nkrumah FK, Perkins IV: Burkitt's lymphoma in Ghana: clinical features and response to chemotherapy. *Int J Cancer* 11:19-29, 15 Jan 73
ABDOMINAL NEOPLASMS, drug therapy/ ADOLESCENCE/ ALLOPURINOL, therapeutic use/ BRAIN NEOPLASMS, drug therapy/ *BURKITT'S LYMPHOMA, drug therapy/ BURKITT'S LYMPHOMA, mortality/ CHILD/ CHILD, PRESCHOOL/ *CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ GHANA/ HUMAN/ JAW NEOPLASMS, drug therapy/ MALE/ METHOTREXATE, therapeutic use/ NEOPLASM RECURRENCE, LOCAL/ NEOPLASMS, MULTIPLE PRIMARY/ NEUROLOGIC MANIFESTATIONS/ OVARIAN NEOPLASMS, drug therapy/ PROGNOSIS/ SEX FACTORS/ TIME FACTORS/ VINCRISTINE, therapeutic use
3310. Noaillic-Depeyre J, Gas N: Mise en évidence d'une zone adaptée au transport des ions dans l'intestin de la carpe commune (*Cyprinus carpio* L). *C R Acad Sci [D] (Paris)* 276:773-6, 29 Jan 73 (Fre)
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT/ CALCIUM, analysis/ *CALCIUM, metabolism/ *CYPRINIDAE/ INTESTINES, analysis/ *INTESTINES, metabolism/ MICROSCOPY, ELECTRON/ RECTUM, metabolism/ SODIUM, analysis/ *SODIUM, metabolism/ WATER-ELECTROLYTE BALANCE
3311. Noel GL, Dimond RC, Wartofsky L, et al: Studies of prolactin and TSH secretion by continuous infusion of small amounts of thyrotropin-releasing hormone (TRH). *J Clin Endocrinol Metab* 39:6-17, Jul 74
DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HUMAN/ MALE/ PITUITARY GLAND, secretion/ PITUITARY GLAND FUNCTION TESTS/ PROLACTIN, blood/ *PROLACTIN, secretion/ RADIOIMMUNOASSAY/ SEX FACTORS/ SOMATOTROPIN, blood/ THYROTROPIN, blood/ *THYROTROPIN, secretion/ *THYROTROPIN RELEASING HORMONE, pharmacodynamics/ TIME FACTORS
3312. Nogales FF Jr, Oliva HA: Peritoneal gliomatosis produced by ovarian teratomas.
Obstet Gynecol 43:915-20, Jun 74
ADULT/ CHLORAMBUCIL, therapeutic use/ DACTINOMYCIN, therapeutic use/ FALLOPIAN TUBES, surgery/ FEMALE/ GLIOMA, drug therapy/ *GLIOMA, etiology/ GLIOMA, pathology/ GLIOMA, surgery/ HUMAN/ HYSTERECTOMY/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS, complications/ OVARIAN NEOPLASMS, pathology/ OVARY, surgery/ PERITONEAL NEOPLASMS, drug therapy/ *PERITONEAL NEOPLASMS, etiology/ PERITONEAL NEOPLASMS, pathology/ *TERATOID TUMOR, complications/ TERATOID TUMOR, pathology/ VINBLASTINE, therapeutic use
3313. Noland BJ, Walters RA, Tobey RA, et al: Effects of ionizing radiation upon intracellular levels of soluble microtubule protein in cultured mammalian cells. *Exp Cell Res* 85:234-8, Apr 74
CELL DIVISION, radiation effects/ CELL LINE/ COLCHICINE, metabolism/ DNA, biosynthesis/ HAMSTERS/ KINETICS/ MICROTUBULES, metabolism/ *MICROTUBULES, radiation effects/ OVARY/ PROTEIN BINDING/ *PROTEINS, biosynthesis/ *RADIATION EFFECTS/ RNA, biosynthesis/ THYMIDINE, metabolism/ TRITIUM
3314. Nordenskjöld B, Zetterberg A, Löwhagen T: Measurement of DNA synthesis by 3H-thymidine incorporation into needle aspirates from human tumors. *Acta Cytol (Baltimore)* 18:215-21, May-Jun 74
ADENOCARCINOMA, metabolism/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BIOPSY, NEEDLE/ BREAST NEOPLASMS, metabolism/ BREAST NEOPLASMS, therapy/ CELL NUCLEUS/ CELLS, CULTURED/ *DNA, NEOPLASM, biosynthesis/ FEMALE/ HUMAN/ IN VITRO/ MALE/ MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ MELANOMA, metabolism/ *NEOPLASMS, metabolism/ PROSTATIC NEOPLASMS, metabolism/ THYMIDINE, metabolism/ THYROID NEOPLASMS, metabolism/ TIME FACTORS/ TRITIUM
3315. Nordquist RE, Palmieri MA: Intracellular localization of parathyroid hormone in the kidney. *Endocrinology* 95:229-37, Jul 74
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CYTOPLASM, analysis/ IODINE RADIOISOTOPES/ *KIDNEY, analysis/ KIDNEY, cytology/ KIDNEY CORTEX, analysis/ KIDNEY TUBULES, PROXIMAL, analysis/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ MITOCHONDRIA, analysis/ *PARATHYROID HORMONE, analysis
3316. Norgaard-Pedersen B: Red cell carbonic anhydrases B and C (CA B and CA C). *Scand J Immunol* 1:125-8, 1973
ADULT/ ANTIGENS/ BLOOD/ *CARBONIC ANHYDRASE, blood/ *ERYTHROCYTES, enzymology/ FEMALE/ GESTATIONAL AGE/ HUMAN/ HYPERTHYROIDISM, blood/ *HYPERTHYROIDISM, enzymology/ HYPOTHYROIDISM, blood/ *HYPOTHYROIDISM, enzymology/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ INFANT, NEWBORN/ MALE/ METHODS/ POLYSACCHARIDES/ UMBILICAL CORD
3317. Norgaard-Pedersen B, Gaede P: Immuno-electrophoretic quantitation of human placental lactogen hormone (HPL). *Scand J Immunol* 2:Suppl 1:129-31, 1973
ANTIGENS/ FEMALE/ FETAL DEATH/ HALF-LIFE/ HUMAN/ IMMUNOELECTROPHORESIS/ LABOR/ METHODS/ *PLACENTAL LACTOGEN, blood/ POLYSACCHARIDES/ PREGNANCY/ PREGNANCY COMPLICATIONS, blood/ RABBITS, immunology/ TIME FACTORS
3318. Nori A: [Postovulatory contraception with estrogens] *Harefuah* 86:244-6, 1 Mar 74 (Heb)
*CONTRACEPTION/ ENGLISH ABSTRACT/ *ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ OVULATION/ TIME FACTORS
3319. Norman AW: 1,25-dihydroxyvitamin D3: a kidney-produced steroid hormone essential to calcium homeostasis. *Am J Med* 57:21-7, Jul 74 (43 ref.)
BONE DISEASES, etiology/ *CALCIUM, metabolism/ CARCINOMA, etiology/ CHOLECALCIFEROL, administration & dosage/ CHOLECALCIFEROL, physiology/ CHROMATIN/

AUTHOR SECTION

DIHYDROXYCHOLECALCIFEROLS, administration & dosage/
DIHYDROXYCHOLECALCIFEROLS, metabolism/
DIHYDROXYCHOLECALCIFEROLS, physiology/
ERGOCALCIFEROL, metabolism/
ERGOCALCIFEROL, physiology/
*HOMEOSTASIS, drug effects/ HUMAN/
HYDROXYCHOLECALCIFEROL, administration & dosage/
*HYDROXYCHOLECALCIFEROL, biosynthesis/ INTESTINAL DISEASES, etiology/
INTESTINES, metabolism/ *KIDNEY, metabolism/
KIDNEY, physiology/ KIDNEY DISEASES, etiology/
LIVER, metabolism/ LIVER DISEASES, etiology/
PARATHYROID DISEASES, etiology/
RECEPTORS, DRUG/ REVIEW/ SKIN DISEASES, etiology/
THYROID NEOPLASMS, etiology/ VITAMIN D DEFICIENCY, complications

3320. Nöthel H: Investigations on radiosensitive and radioresistant populations of *Drosophila melanogaster*. IV. The genetics of the relative radioresistance in stage-7 oocytes of the irradiated population RO I. *Mutat Res* 23:163-77, May 74
ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ CHROMOSOMES, radiation effects/
DROSOPHILA MELANOGASTER, embryology/
*DROSOPHILA MELANOGASTER, radiation effects/
FEMALE/ GENES, DOMINANT/ GENES, LETHAL/ GENES, RECESSIVE/ HETEROZYGOSE/ HOMOZYGOSE/ HYBRIDIZATION/ MALE/ *OVUM, radiation effects/
RADIATION DOSAGE/ *RADIATION GENETICS/ SEX CHROMOSOMES, radiation effects

3321. Novinson T, Hanson R, Dimmitt MK, et al: 3-Substituted 5,7-dimethylpyrazolo(1,5-a)pyrimidines, 3',5'-cyclic-AMP phosphodiesterase inhibitors. 1. *J Med Chem* 17:645-8, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ANIMAL EXPERIMENTS/ CATTLE/ IN VITRO/ KIDNEY, enzymology/ KINETICS/ LUNG, enzymology/ MYOCARDIUM, enzymology/
*PHOSPHODIESTERASES, antagonists & inhibitors/ PYRAZOLES, chem synthesis/ PYRAZOLES, pharmacodynamics/ *PYRIMIDINES, chem synthesis/ PYRIMIDINES, pharmacodynamics/ RABBITS

3322. Novokhatskiĭ AS: Toksicheskie i allergicheskie porazheniia zritel'nogo nerva (toksicheskie i allergicheskie entsefaliti i entsefaliti 3go zritel'nogo neirona) (obzor literatury). *Oftalmol Zh* 28:90-5, 1973 (50 ref.) (Rus)
ALCOHOLS, adverse effects/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, adverse effects/
CONTRACEPTIVES, ORAL, adverse effects/ DRUG HYPERSENSITIVITY, complications/ ENCEPHALITIS, chemically induced/
*ENCEPHALOMYELITIS, ALLERGIC/ FEMALE/ HUMAN/ MALE/ NEURONS/ *OPTIC NERVE/ OPTIC NEURITIS, chemically induced/
*OPTIC NEURITIS, etiology/ RABBITS/ REVIEW/ SMOKING, complications/ SULFANILAMIDE, adverse effects/ SYPHILIS, complications/ TUBERCULOSIS, OCULAR, complications

3323. Nowicki M: The roentgenographic picture of the developing extremity skeleton in rabbits. *Folia Morphol (Warsz)* 33:67-79, 1974
AGE FACTORS/ ANIMAL EXPERIMENTS/ BONE AND BONES, radiography/ *BONE DEVELOPMENT/ COMPARATIVE STUDY/ *EXTREMITIES/ RABBITS/ *RABBITS, anatomy & histology

3324. Nozaki H, Awaya S, Oashi T, et al: [Studies on ocular involvements of neuroblastoma (author's transl)] *Acta Soc Ophthalmol Jap* 77:2044-53, Dec 73 (Jap)
ADRENAL GLAND NEOPLASMS/ *CONJUNCTIVA/ ENGLISH ABSTRACT/ *EYE NEOPLASMS/ HUMAN/ INFANT/ MALE/ NEOPLASM METASTASIS/ *NEUROBLASTOMA

3325. Nozaki H, Okuaki A: Responses to exogenous

adenosine 3',5'-monophosphate of cardiac output and blood flow in the renal, superior mesenteric and carotid arteries in anesthetized dogs. *Tohoku J Exp Med* 112:119-28, Feb 74

*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ AMINOPHYLLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *CARDIAC OUTPUT, drug effects/
*CAROTID ARTERIES, drug effects/ CENTRAL VENOUS PRESSURE, drug effects/ DEPRESSION, CHEMICAL/ ELECTROMAGNETICS/ FEMALE/ FLOWMETERS/ HEART RATE, drug effects/ MALE/ *MESENTERIC ARTERIES, drug effects/
PROPRANOLOL, pharmacodynamics/ REGIONAL BLOOD FLOW, drug effects/ *RENAL ARTERY, drug effects/ STIMULATION, CHEMICAL/ VASCULAR RESISTANCE, drug effects

3326. Nozu K, Tamaoki B: Incorporation of 131-I-labeled androgen-receptor into nuclei of rat prostates. *Biochem Biophys Res Commun* 58:145-50, 7 May 74
ANIMAL EXPERIMENTS/ BINDING SITES/ *CELL NUCLEUS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CHLORAMINES/ CHROMATIN, drug effects/
CHROMATIN, metabolism/ CYTOSOL, metabolism/ DNA, metabolism/ GEL FILTRATION/ IODINE RADIOISOTOPES/ MALE/ NUCLEOPROTEINS, metabolism/
PROSTATE, cytology/ PROSTATE, drug effects/ *PROSTATE, metabolism/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ RATS/ *RECEPTORS, HORMONE, drug effects/
*STANOLONE, metabolism/ STANOLONE, pharmacodynamics/ TIME FACTORS/ TRITIUM

3327. Nozu K, Tamaoki B: Characteristics of the nuclear and microsomal steroid delta-4-5 alpha-hydrogenase of the rat prostate. *Acta Endocrinol (Kbh)* 76:608-24, Jul 74
ANDROSTENEDIONE, metabolism/ ANDROSTENES, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ *CELL NUCLEUS, enzymology/
CHROMATOGRAPHY, THIN LAYER/ CORTICOSTERONE, metabolism/ DEHYDROEPIANDROSTERONE, metabolism/
HYDROGEN-ION CONCENTRATION/ HYDROXYPROGESTERONE, metabolism/ MALE/ *MICROSOMES, enzymology/
*MICROSOMES, LIVER, enzymology/ *NADP, metabolism/ *OXIDOREDUCTASES, metabolism/
PREGNENOLONE, metabolism/ PROGESTERONE, metabolism/ PROSTATE, cytology/
*PROSTATE, enzymology/ TEMPERATURE/ TESTOSTERONE, metabolism/ TRITIUM

3328. Numann PJ, Moses AM: Altered action of parathyroid hormone by chlorpropamide. *Surgery* 75:869-73, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, urine/ ANIMAL EXPERIMENTS/ CALCIUM, blood/ *CHLORPROPAMIDE, pharmacodynamics/
*DIURESIS, drug effects/ *KIDNEY, drug effects/ KIDNEY TUBULES, drug effects/
NATRIURESIS, drug effects/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE, pharmacodynamics/
PHOSPHORUS, blood/ PHOSPHORUS, urine/ POTASSIUM, urine/ RATS/ TIME FACTORS

3329. Nunez E, Vallette G, Benassayag C, et al: Comparative study on the binding of estrogens by human and rat serum proteins in development. *Biochem Biophys Res Commun* 57:126-33, 15 Mar 74
AGING/ ANIMAL EXPERIMENTS/ BINDING SITES/ BLOOD/ *BLOOD PROTEINS, metabolism/
COMPARATIVE STUDY/ DIALYSIS/ EMBRYO/ *ESTRADIOL, metabolism/
*ESTRONE, metabolism/ FEMALE/ FETAL GLOBULINS/ FETUS/ GEL FILTRATION/ HEPATOMA, blood/ HUMAN/ MALE/ PREGNANCY/ PROTEIN BINDING/
RADIOIMMUNOASSAY/ RATS/ SPECIES SPECIFICITY/ *TESTOSTERONE, metabolism/ TIME FACTORS/ UMBILICAL CORD

AUTHOR SECTION

O

3330. Nurgazieva MIU: Ocherk po nervnoy regulatsii serdechno-sosudistoy sistemy. Sov Zdravookhr Kirg 5:55-8, Sep-Oct 73 (Rus)
*CARDIOVASCULAR SYSTEM, innervation/
CARDIOVASCULAR SYSTEM, physiology/
*HEART CONDUCTION SYSTEM, physiology/
HUMAN/ HYPOTHALAMUS, physiology/
MUSCLE, SMOOTH, innervation
3331. Nuss A, Petres J: Porphyria cutanea tarda bei Epidermolysis bullosa hereditaria Typ Weber-Cockayne. Z Hautkr 49:273-80, 1 Apr 74 (Ger)
CONTRACEPTIVES, ORAL, adverse effects/
EPIDERMOLYSIS BULLOSA, chemically induced/
*EPIDERMOLYSIS BULLOSA, familial & genetic/
ESTROGENS, adverse effects/
FEMALE/ HUMAN/
HYPERTRICHOSIS, chemically induced/
*HYPERTRICHOSIS, complications/
LIVER DISEASES, chemically induced/
LIVER DISEASES, complications/
METABOLISM, INBORN ERRORS, complications/
PORPHYRIA, chemically induced/
*PORPHYRIA, complications/
SYNDROME/
TIME FACTORS
3332. Nussbaum JL, Rouayrenc JF, Mandel P, et al: Isolation and terminal sequence determination of the major rat brain myelin proteolipid P7 apoprotein. Biochem Biophys Res Commun 57:1240-7, 23 Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
AMINO ACID SEQUENCE/
AMINO ACIDS, analysis/
ANIMAL EXPERIMENTS/
*APOPROTEINS, analysis/
BRAIN, cytology/
BRAIN, enzymology/
*BRAIN CHEMISTRY/
CHROMATOGRAPHY, GAS/
CHROMATOGRAPHY, THIN LAYER/
ELECTROPHORESIS, POLYACRYLAMIDE GEL/
GEL FILTRATION/
*LIPOPROTEINS, analysis/
MALE/
*MYELIN SHEATH, analysis/
*NERVE TISSUE PROTEINS, analysis/
OXIDATION-REDUCTION/
PHOSPHODIESTERASES, metabolism/
RATS/
SPECTROPHOTOMETRY, ULTRAVIOLET
3333. Nussey SS, Mehdi SQ: Proceedings: Thyroid-stimulating hormone binding to human thyroid membranes and solubilized receptors. N Engl J Med 291:lvii, 11 Jun 74
BINDING SITES/
CELL MEMBRANE, metabolism/
HUMAN/
IN VITRO/
IODINE RADIOISOTOPES/
*RECEPTORS, HORMONE/
SOLUBILITY/
SURFACE-ACTIVE AGENTS/
*THYROID GLAND, metabolism/
*THYROTROPIN, metabolism
3334. Nutik G, Cruess RL: Estrogen receptors in bone. An evaluation of the uptake of estrogen into bone cells. Proc Soc Exp Biol Med 148:265-8, May 74
ANIMAL EXPERIMENTS/
*BONE AND BONES, metabolism/
CELL NUCLEUS, metabolism/
CYTOSOL, metabolism/
*ESTRADIOL, metabolism/
FEMALE/
FEMUR, metabolism/
PROTEIN BINDING/
RATS/
*RECEPTORS, HORMONE/
TIBIA, metabolism/
TRITIUM
3335. Nyormoi O, Klein G, Adams A, et al: Sensitivity to EBV superinfection and IuDr inducibility of hybrid cells formed between a sensitive and a relatively resistant Burkitt lymphoma cell line. Int J Cancer 12:396-408, 15 Sept 73
ANTIGENS, VIRAL/
*BURKITT'S LYMPHOMA VIRUS, immunology/
CELL FUSION/
CELL LINE/
CELL MEMBRANE, immunology/
CELLS, CULTURED/
CHROMOSOMES, HUMAN, 6-12/
CULTURE MEDIA/
FLUORESCENT ANTIBODY TECHNIC/
GOATS, immunology/
HUMAN/
HYBRID CELLS, drug effects/
*HYBRID CELLS, immunology/
*HYBRIDIZATION/
IDOXURIDINE, pharmacodynamics/
IMMUNOGLOBULIN FRAGMENTS, biosynthesis/
KARYOTYPING/
LYMPHOCYTES, immunology/
MICROSCOPY, PHASE CONTRAST/
MITOSIS/
SENDAI VIRUS/
SEX CHROMOSOMES/
VIRUS REPLICATION
3336. Oakey RE, Cawood ML, Macdonald RR: Biochemical and clinical observations a pregnancy with placental sulphatase and other enzyme deficiencies. Clin Endocrinol (Oxf) 3:131-48, Apr 74
CARBON RADIOISOTOPES/
DEHYDROEPIANDROSTERONE/
ESTRADIOL, blood/
ESTRADIOL, urine/
ESTRONE/
FEMALE/
HUMAN/
HYDROXYSTEROID DEHYDROGENASES, metabolism/
HYDROXYSTEROIDS, blood/
ISOMERASES, metabolism/
17-KETOSTEROIDS, urine/
KINETICS/
LABOR, INDUCED/
MUSCLE CONTRACTION, drug effects/
*PLACENTA, enzymology/
*PREGNANCY COMPLICATIONS, enzymology/
PREGNANEDIOL, pharmacodynamics/
PREGNENOLONE/
PROGESTERONE, blood/
PROSTAGLANDINS, pharmacodynamics/
*SULFATASES, metabolism/
SULFURIC ACIDS/
TIME FACTORS/
TRITIUM/
UTERUS, physiology
3337. O'Brian JT, Saudek CD, Spark RF, et al: Glucagon induced refractoriness to exogenous mineralocorticoid. J Clin Endocrinol Metab 38:1147-9, Jun 74
FASTING/
*FLUDROCORTISONE, antagonists & inhibitors/
GLUCAGON, administration & dosage/
*GLUCAGON, pharmacodynamics/
HUMAN/
*SODIUM, metabolism/
SODIUM, urine
3338. O'Brien JR: Effect of lipids and hypolipemic drugs on platelet aggregation and thrombosis. Haemostas 2:169-75, 1973-74 (29 ref.)
ANDROSTERONE, therapeutic use/
ANIMAL EXPERIMENTS/
BLOOD COAGULATION TESTS/
BUTTER/
CHOLESTEROL, pharmacodynamics/
CORTICOTROPIN, pharmacodynamics/
DIETARY FATS/
ENDOTOXINS/
FATS, UNSATURATED/
FATTY ACIDS, pharmacodynamics/
GLUCAGON, therapeutic use/
HEPARIN, therapeutic use/
HUMAN/
*LIPIDS, pharmacodynamics/
LIPOPROTEINS, blood/
NICOTINIC ACID, therapeutic use/
OILS/
*PLATELET ADHESIVENESS, drug effects/
RABBITS/
RATS/
REVIEW/
SWINE/
*THROMBOSIS, prevention & control/
TRIGLYCERIDES
3339. Ochoa de Retana I: Nuevos aspectos de la meningitis meningococica. Rev Clin Esp 132:481-90, 31 Mar 74 (32 ref.) (Spa)
AFRICA/
EUROPE/
FEMALE/
GLUCOCORTICOIDS, therapeutic use/
HUMAN/
MALE/
MENINGITIS, MENINGOCOCCIC, classification/
MENINGITIS, MENINGOCOCCIC, drug therapy/
*MENINGITIS, MENINGOCOCCIC, occurrence/
PENICILLIN G, therapeutic use/
REVIEW/
SHOCK, ENDOTOXIC, therapy/
VASOCONSTRICTOR AGENTS, therapeutic use
3340. Ochs HG, Lamberts B, Saleh M, et al: Hemmung der Reninsekretion in vitro durch Angiotensin I. Med Welt 25:939-40, 24 May 74 (Ger)
*ANGIOTENSIN II, pharmacodynamics/
ANIMAL EXPERIMENTS/
FEMALE/
IN VITRO/
KIDNEY, drug effects/
*KIDNEY, secretion/
*RENIN, secretion/
STIMULATION, CHEMICAL
3341. Ocon J, Capdevila JM, Forteza J: Feocromocitoma asociado a displasia de la arteria renal. Rev Clin Esp 133:65-70, 15 Apr 74 (Spa)
CASE REPORT/
DIAGNOSIS, DIFFERENTIAL/
HUMAN/
*HYPERTENSION, RENAL, etiology/
MALE/
*PHEOCHROMOCYTOMA, complications/
*RENAL ARTERY OBSTRUCTION, complications
3342. O'Connor JF: Radiology and pediatrics. New relationships. Pediatr Clin North Am 21:323-40, May 74
ANGIOGRAPHY/
BARIUM SULFATE/
BONE AND BONES, injuries/
BONE DISEASES, diagnosis/
BRAIN, radiography/
CELLULITIS, diagnosis/
CYSTS, diagnosis/
DIAGNOSIS, COMPUTER ASSISTED/
DIAGNOSIS,

AUTHOR SECTION

- DIFFERENTIAL/ HUMAN/ HYDROCEPHALUS, radiography/ INFORMED CONSENT/ INTERPROFESSIONAL RELATIONS/ JURISPRUDENCE/ MALE/ OSTEOMYELITIS, diagnosis/ *PEDIATRICS/ RADIOISOTOPE SCANNING/ *RADIOLOGY/ SPLENIC ARTERY, radiography/ SPLENIC DISEASES, diagnosis/ TECHNETIUM/ TOMOGRAPHY, RADIOGRAPHIC/ ULTRASONICS, diagnostic use
3343. Odavić M, Ivković L, Milić R, et al: Intestinal absorption of ⁴⁷Ca in patients with calcium renal stones. *Acta Med Jugosl* 28:123-33, 1974
*CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ FEMALE/ HUMAN/ *INTESTINAL ABSORPTION/ *KIDNEY CALCULI, metabolism/ MALE
3344. Odeberg H, Olofsson T, Olsson I: Myeloperoxidase-mediated extracellular iodination during phagocytosis in granulocytes. *Scand J Haematol* 12:155-60, 1974
ANTIGEN-ANTIBODY COMPLEX/ *BLOOD PROTEINS, metabolism/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROPHORESIS/ ENDOTOXINS/ ESCHERICHIA COLI, metabolism/ *EXTRACELLULAR SPACE, metabolism/ GEL FILTRATION/ GLUCOSE OXIDASE, administration & dosage/ GLUCOSE OXIDASE, pharmacodynamics/ HUMAN/ *IODINE, blood/ LEUKOCYTES, drug effects/ *LEUKOCYTES, metabolism/ *PEROXIDASES, metabolism/ *PHAGOCYTOSIS/ POLYSACCHARIDES/ PROTEIN BINDING/ RABBITS, immunology/ SACCHAROMYCES CEREVISIAE, metabolism/ SERUM ALBUMIN, RADIO-IODINATED/ STIMULATION, CHEMICAL/ TIME FACTORS
3345. Oechsli FW: Letter: Oral contraception and sex ratio at birth. *Lancet* 1:1004-5, 18 May 74
BIRTH WEIGHT/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ GREAT BRITAIN/ HUMAN/ HUNGARY/ MALE/ *SEX RATIO/ STATISTICS/ UNITED STATES
3346. Oest O, Nöh E, Hartung A, et al: Diagnostik pathologischer Veränderungen an der Knochen-Zement-Grenze durch Aquidensitometrie. *Arch Orthop Unfallchir* 78:147-56, 30 Apr 74 (Ger)
*BONE AND BONES, radiography/ *BONE CEMENTS/ *DENSITOMETRY, X-RAY/ ENGLISH ABSTRACT/ FEMALE/ FEMUR/ HIP JOINT/ HUMAN/ *JOINT PROSTHESIS/ MALE/ METHODS/ *POSTOPERATIVE COMPLICATIONS, radiography
3347. Oetliker OH, Simon J, Tietze HU: Diagnostic value of mannitol-induced diuresis in children. *Acta Paediatr Scand* 63:113-21, Jan 74
ADOLESCENCE/ AMINOHIPURIC ACID, blood/ CHILD/ DIABETES INSIPIDUS, diagnosis/ DIABETES INSIPIDUS, metabolism/ *DIURESIS, drug effects/ GLOMERULAR FILTRATION RATE/ HUMAN/ INFANT/ INULIN, blood/ *KIDNEY CONCENTRATING ABILITY, drug effects/ KIDNEY DISEASES, diagnosis/ KIDNEY FUNCTION TESTS/ *MANNITOL, diagnostic use/ METHODS/ OSMOLAR CONCENTRATION/ POTASSIUM, blood/ SODIUM, blood/ STIMULATION, CHEMICAL/ VASOPRESSIN, pharmacodynamics
3348. Ogata E: [Aging and diseases: anomaly of thyroid gland function]
Jap J Clin Med 32:124-9, Jan 74 (13 ref.) (Jap)
AGED/ AGING/ HUMAN/ HYPERTHYROIDISM/ HYPERTHYROIDISM, occurrence/ *HYPOTHYROIDISM/ MIDDLE AGE/ REVIEW
3349. Ogawa E: Proceedings: Heavy metal poisoning and antidotes. *Jap J Pharmacol* 24:Suppl:17, 1974
ANIMAL EXPERIMENTS/ *ANTIDOTES, therapeutic use/ CADMIUM, pharmacodynamics/ CALCIUM, metabolism/ CARBOHYDRATES, metabolism/ DEPRESSION, CHEMICAL/ *METALS, poisoning/ POISONING, drug therapy/ STRONTIUM RADIOISOTOPES
3350. Ogawa K, Minase T, Yokoyama S, et al: An ultrastructural study of peroxidatic and phagocytic activities of two types of sinusoidal lining cells in rat liver. *Tohoku J Exp Med* 111:253-9, Nov 73
ANIMAL EXPERIMENTS/ *CAPILLARIES, cytology/ CAPILLARIES, enzymology/ ENDOPLASMIC RETICULUM, enzymology/ ESTRADIOL, pharmacodynamics/ KUPFFER CELLS, cytology/ KUPFFER CELLS, enzymology/ *LIVER, blood supply/ MALE/ MICROSCOPY, ELECTRON/ PEROXIDASES, analysis/ *PHAGOCYTOSIS/ RATS/ *RETICULOENDOTHELIAL SYSTEM, drug effects/ RETICULOENDOTHELIAL SYSTEM, physiology/ STIMULATION, CHEMICAL
3351. Oger J, Arnason BG, Fantazis N, et al: Synthesis of nerve growth factor by L and 3T3 cells in culture. *Proc Natl Acad Sci USA* 71:1554-8, Apr 74
BIOLOGICAL ASSAY/ CELL LINE/ *CELLS, CULTURED, metabolism/ CHICK EMBRYO/ COLIPHAGES, immunology/ CULTURE MEDIA/ DNA VIRUSES, immunology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBROBLASTS/ GANGLIA, SPINAL, drug effects/ IMMUNOASSAY/ IMMUNOELECTROPHORESIS/ *L CELLS, metabolism/ MICE/ MICE, INBRED BALB C/ NERVE GROWTH FACTOR, analysis/ *NERVE GROWTH FACTOR, biosynthesis/ NERVE GROWTH FACTOR, pharmacodynamics/ RABBITS, immunology/ SUBMANDIBULAR GLAND, metabolism/ TISSUE CULTURE
3352. Ogihara T, Yamamoto T, Doi K, et al: [Measurement of plasma renin activity by angiotensin I radioimmunoassay]
Jap J Nucl Med 10:555-63, Dec 73 (Jap)
*ANGIOTENSIN, blood/ ENGLISH ABSTRACT/ HUMAN/ IODINE RADIOISOTOPES/ *RADIOIMMUNOASSAY/ *RENIN, blood
3353. Ogihara T, Yamamoto T, Miyai K, et al: Plasma renin activity and aldosterone concentration of patients with hyperthyroidism and hypothyroidism. *Endocrinol Jap* 20:433-7, Oct 73
*ALDOSTERONE, blood/ HUMAN/ *HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, enzymology/ *HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, enzymology/ POTASSIUM, blood/ PROPRANOLOL, administration & dosage/ PROPRANOLOL, pharmacodynamics/ RADIOIMMUNOASSAY/ *RENIN, blood
3354. Ogiwara T, Miyai K, Kumahara Y: [Hyperthyroidism]
Clin Endocrinol (Tokyo) 22:27-30, Jan 74 (Jap)
*GOITER, EXOPHTHALMIC, drug therapy/ HUMAN
3355. O'Grady JE, Alam M, Anderson FB, et al: Proceedings: Plasma and pituitary hormone levels during early stages of pregnancy in the rat. *J Endocrinol* 61:xv-xvi, Apr 74
ANIMAL EXPERIMENTS/ *ESTRADIOL, blood/ FEMALE/ *LH, analysis/ LH, blood/ *PITUITARY GLAND, analysis/ PREGNANCY/ *PREGNANCY, ANIMAL/ *PROGESTERONE, blood/ RADIOIMMUNOASSAY/ RATS/ UTERUS, physiology
3356. O'Grady JF, Reichle RM, Gruenstein M, et al: Ovariectomy in rats with portacaval shunts. Reduction of mammary carcinoma. *Arch Surg* 109:87-8, Jul 74
ANIMAL EXPERIMENTS/ BENZANTHRACENES/ *CASTRATION/ COMPARATIVE STUDY/ ESTROGENS, metabolism/ FEMALE/ LIVER, metabolism/ MAMMAE/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ *MAMMARY NEOPLASMS, EXPERIMENTAL, therapy/ *PORTACAVAL ANASTOMOSIS
3357. Oh SH, Patterson R: Surgery in corticosteroid-dependent asthmatics. *J Allergy Clin Immunol* 53:345-51, Jun 74

AUTHOR SECTION

- ABSCISS, etiology/ ADULT/ AGED/ ASTHMA, drug therapy/ *ASTHMA, immunology/ BRONCHODILATOR AGENTS, therapeutic use/ CHILD/ CORTISONE, therapeutic use/ FEMALE/ HUMAN/ HYPOTENSION, etiology/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ PREDNISONE, therapeutic use/ SURGERY, OPERATIVE/ SUTURES
3358. Oishi T, Lauber JK: Pituitary-pineal-endocrine relationships in Japanese quail. *Endocrinology* 94:1735-8, Jun 74
ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ FEMALE/ MALE/ MELATONIN, pharmacodynamics/ METHYLTRANSFERASES, metabolism/ ORGAN WEIGHT/ OVARY, anatomy & histology/ *PINEAL BODY, anatomy & histology/ PINEAL BODY, enzymology/ *PITUITARY GLAND, physiology/ SEROTONIN/ TESTIS, anatomy & histology/ TESTIS, drug effects/ THYROID GLAND, anatomy & histology
3359. Oishi T, Lauber JK: Pineal control of photo-endocrine responses in growing Japanese quail. *Endocrinology* 94:1731-4, Jun 74
ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ EYE, physiology/ FEMALE/ LIGHT/ MALE/ ORGAN WEIGHT/ OVARY, anatomy & histology/ *PINEAL BODY, physiology/ PITUITARY GLAND, anatomy & histology/ *QUAIL, physiology/ TESTIS, anatomy & histology/ THYROID GLAND, anatomy & histology
3360. Olvin IA, Gaponiuk Pia, Uklonskaia LI: Aktual'nye voprosy patogeneza i terapii ostrogo vospalenia. *Patol Fiziol Eksp Ter* 17:3-10, Mar-Apr 73 (53 ref.) (Rus)
ACUTE DISEASE/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTIMETABOLITES, pharmacodynamics/ BLOOD VESSELS, physiology/ BRADYKININ, physiology/ CAPILLARY PERMEABILITY/ CELL MEMBRANE PERMEABILITY/ CYANIDES, pharmacodynamics/ EDEMA, etiology/ ENDOTHELIUM, physiology/ ENERGY TRANSFER/ GLUCOCORTICOIDS, pharmacodynamics/ HISTAMINE LIBERATION/ INFLAMMATION, drug therapy/ *INFLAMMATION, etiology/ LYSOSOMES, enzymology/ MAST CELLS, physiology/ MICROSCOPY, ELECTRON/ REVIEW/ SEROTONIN, physiology
3361. Ojeda SR, Harms PG, McCann SM: Effect of blockade of dopaminergic receptors on prolactin and LH release: median eminence and pituitary sites of action. *Endocrinology* 94:1580-7, Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/ FEMALE/ *HYPOTHALAMUS, drug effects/ INJECTIONS, SUBCUTANEOUS/ *LH, blood/ PIMOZIDE, administration & dosage/ *PITUITARY GLAND, drug effects/ *PROLACTIN, blood/ RADIOIMMUNOASSAY/ RATS/ TIME FACTORS
3362. Ojeda Pérez E, Santacrú Ruíz MI, Gómez de Salazar MD, et al: Lugar que ocupan los corticosteroides en el tratamiento de la púrpura trombopénica idiopática. *Sangre (Barc)* 18:477-88, 1973 (Spa)
BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICOIDS, administration & dosage/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC, drug therapy/ TIME FACTORS
3363. Oka T, Perry JW: Studies on the function of glucocorticoid in mouse mammary epithelial cell differentiation in vitro. Stimulation of glucose 6-phosphate dehydrogenase. *J Biol Chem* 249:3586-91, 10 Jun 74
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ CELL DIFFERENTIATION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ EPITHELIAL CELLS, enzymology/ FEMALE/ GLUCOCORTICOIDS, physiology/ *GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ *HYDROCORTISONE, pharmacodynamics/ *INSULIN, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ MAMMAE, cytology/ *MAMMAE, enzymology/ MICE/ PREGNANCY/ *PROLACTIN, pharmacodynamics/ PUTRESCINE, pharmacodynamics/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SPERMIDINE, pharmacodynamics/ SPERMINE, pharmacodynamics/ TISSUE CULTURE
3364. Okajima J: [Insulin secretion after administration of sulfonylurea in normal and diabetic subjects] *Folia Endocrinol Jap* 50:19-29, 20 Jan 74 (Jap)
*DIABETES MELLITUS, drug therapy/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *GLIBENCLAMIDE, administration & dosage/ GLUCOSE TOLERANCE TEST/ HUMAN/ *INSULIN, secretion/ MALE/ RADIOIMMUNOASSAY/ SOMATOTROPIN, blood/ *TOLBUTAMIDE, administration & dosage
3365. Okamoto T, Morii H: [Aging and diseases: osteoporosis] *Jap J Clin Med* 32:130-3, Jan 74 (16 ref.) (Jap)
ADOLESCENCE/ AGED/ AGING/ BONE AND BONES, anatomy & histology/ FEMALE/ HUMAN/ HYPERTHYROIDISM, complications/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS, etiology/ OSTEOPOROSIS, therapy/ REVIEW
3366. Okamura H, Aso T, Yoshida Y, et al: Effects of prostaglandin F2alpha on human corpora lutea. An enzyme histochemical, ultrastructural, and hormonal study. *Obstet Gynecol* 44:127-34, Jul 74
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ *CORPUS LUTEUM, drug effects/ CORPUS LUTEUM, enzymology/ CORPUS LUTEUM, pathology/ CORPUS LUTEUM, physiology/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ HYDROXYPROGESTERONE, blood/ HYDROXYSTEROID DEHYDROGENASES, analysis/ MICROSCOPY, ELECTRON/ PROGESTERONE, blood/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ VAGINA
3367. O'Keefe E, Cuatrecasas P: Insulin receptors in murine mammary cells: comparison in pregnant and nonpregnant animals. *Biochim Biophys Acta* 343:64-77, 20 Mar 74
ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BINDING SITES/ CARBON RADIOISOTOPES/ COMPARATIVE STUDY/ DNA, metabolism/ FEMALE/ GLUCOSE, metabolism/ *INSULIN, metabolism/ IODINE RADIOISOTOPES/ KINETICS/ MAMMAE, cytology/ *MAMMAE, metabolism/ MICE/ MICE, INBRED BALB C/ MICROSCOPY, PHASE CONTRAST/ PREGNANCY/ PROTEIN BINDING/ *RECEPTORS, HORMONE/ TRITIUM/ TRYPSIN/ URIDINE, metabolism
3368. Oka T, Oozumi K, Hosoya N: Binding proteins for 1,25-dihydroxycholecalciferol and 25-hydroxycholecalciferol. *J Nutr Sci Vitaminol (Tokyo)* 20:9-25, Feb 74
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CELL FRACTIONATION/ CELL NUCLEUS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CHICKENS/ CHROMATOGRAPHY/ CYTOPLASM, metabolism/ CYTOSOL, metabolism/ DEOXYRIBONUCLEASE, pharmacodynamics/ DIHYDROXYCHOLECALCIFEROLS, metabolism/ FEMALE/ HEAT/ *HYDROXYCHOLECALCIFEROL, metabolism/ INTESTINAL MUCOSA, metabolism/ PRONASE, pharmacodynamics/ *PROTEIN BINDING/ RIBONUCLEASE,

AUTHOR SECTION

pharmacodynamics/ TRITIUM/
ULTRACENTRIFUGATION

3369. Okuzumi M, Imai S: [Clinical application of parotin in oral administration: gonarthrititis deformans and spondylosis deformans]
Clin Endocrinol (Tokyo) 22:417-22, Mar 74 (Jap)
ADMINISTRATION, ORAL/ *ARTHROPATHY,
NEUROGENIC, drug therapy/ FEMALE/
*HORMONES, administration & dosage/
HUMAN/ *JOINT DISEASES, drug therapy/
*KNEE JOINT, drug effects/ MALE/
PAROTIN, administration & dosage/
PAROTIN, therapeutic use/ *SPINAL
OSTEOPHYTOSIS, drug therapy
3370. Olbing H, Greifer I, Bennett BP, et al: Idiopathic membranous nephropathy in children.
Kidney Int 3:381-90, Jun 73
ADOLESCENCE/ AGE FACTORS/
AMINOHIPURIC ACID, diagnostic use/
BASEMENT MEMBRANE/ BIOPSY/ CHILD/
CHILD, PRESCHOOL/ CREATININE, urine/
FEMALE/ GLOMERULAR FILTRATION
RATE/ HUMAN/ HYPERTENSION,
MALIGNANT, etiology/ HYPERTENSION,
RENAL, etiology/ INULIN, diagnostic use/
*KIDNEY, pathology/ KIDNEY DISEASES,
complications/ KIDNEY DISEASES, drug
therapy/ *KIDNEY DISEASES, pathology/
KIDNEY FAILURE, CHRONIC, etiology/
KIDNEY GLOMERULUS, pathology/ MALE/
MICROSCOPY, ELECTRON/ NEPHROTIC
SYNDROME, etiology/ PREDNISONE,
therapeutic use/ PROGNOSIS/ RECURRENCE/
REMISSION/ SPIRONOLACTONE, therapeutic
use/ UREA, urine
3371. Oldfather T, Bizot W, Kinnaird D, et al: Grand rounds:
Intraperitoneal infection and emergency operation in
patients on long-term corticosteroid therapy.
J Ky Med Assoc 72:280-2, May 74
ABSCCESS, diagnosis/ ABSCCESS, etiology/
*ABSCCESS, surgery/ *ARTHRITIS,
RHEUMATOID, drug therapy/ EMERGENCIES/
HUMAN/ LAPAROTOMY/ MALE/
METHYLPREDNISOLONE, therapeutic use/
MIDDLE AGE/ PERITONITIS, diagnosis/
*PERITONITIS, surgery/ *PREDNISONE,
therapeutic use
3372. Olding LB, Oldstone MB: Lymphocytes from human
newborns abrogate mitosis of their mother's
lymphocytes. Nature 249:161-2, 10 May 74
ADULT/ FEMALE/ HUMAN/ *INFANT,
NEWBORN/ *LEUKOCYTE CULTURE TEST,
MIXED/ *LYMPHOCYTE TRANSFORMATION/
*LYMPHOCYTES, immunology/ MALE/
*MATERNAL-FETAL EXCHANGE/ MITOSIS/
PREGNANCY/ SEX CHROMOSOMES
3373. O'Leary JL, O'Leary JA: Uterine artery ligation for
control of postcesarean section hemorrhage.
Obstet Gynecol 43:849-53, Jun 74
*ARTERIES, surgery/ *CESAREAN SECTION,
adverse effects/ FEMALE/ *HEMORRHAGE,
POSTPARTUM, prevention & control/
HUMAN/ HYSTERECTOMY/ LABOR
COMPLICATIONS, etiology/ LABOR
COMPLICATIONS, surgery/ LIGATION/
METHODS/ PLACENTA DISORDERS,
complications/ *POSTOPERATIVE
COMPLICATIONS, prevention & control/
PREGNANCY/ SUTURE TECHNIQS/ UTERINE
INERTIA, complications/ *UTERUS, blood
supply
3374. Olesen OV, Thomsen K: Effect of prolonged lithium
ingestion on glucagon and parathyroid hormone
responses in rats.
Acta Pharmacol Toxicol (Kbh) 34:225-31, Apr 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ *ADENYL
CYCLASE, antagonists & inhibitors/ ANIMAL
EXPERIMENTS/ CALCIUM, metabolism/
DEPRESSION, CHEMICAL/ DIABETES
INSIPIDUS, metabolism/ *GLUCAGON,
pharmacodynamics/ *LITHIUM,
pharmacodynamics/ MALE/ *PARATHYROID
3375. Oliver J, Herbuté S, Baylé JD: Répercussions de la
désafférentation hypothalamique combinée à la
section des nerfs optiques sur le réflexe photosexuel
chez la caillie (Coturnix coturnix japonica).
C R Acad Sci [D] (Paris) 277:2021-4, 12 Nov 73 (Fre)
ANIMAL EXPERIMENTS/ *DENERVATION/
*HYPOTHALAMUS, physiology/ MALE/
NEURONS, AFFERENT/ *OPTIC NERVE,
physiology/ ORGAN WEIGHT/ PHOTIC
STIMULATION/ *PHOTORECEPTORS,
physiology/ QUAIL/ *TESTIS, growth &
development/ TESTIS, physiology/ TIME
FACTORS
3376. Oliver JH Jr, Tanaka K, Sawada M: Cytogenetics of
ticks (Acari: Ixodoidea). 14. Chromosomes of nine
species of Asian haemaphysalines.
Chromosoma 45:445-56, 10 May 74
ANIMAL EXPERIMENTS/ CHROMOSOME
ABERRATIONS/ *CHROMOSOMES/ FEMALE/
JAPAN/ KARYOTYPING/ MALAYSIA/ MALE/
SEX CHROMOSOMES/ SEX DETERMINATION/
*TICKS
3377. Oliver MF: Free fatty acids and the ischaemic
myocardium. Adv Cardiol 12:84-93, 1974 (30 ref.)
ACUTE DISEASE/ ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, blood/ ADENOSINE
TRIPHOSPHATE, metabolism/ BLOOD SUGAR,
metabolism/ CATECHOLAMINES, blood/
CORONARY VESSELS/ *FATTY ACIDS,
NONESTERIFIED, blood/ FATTY ACIDS,
NONESTERIFIED, physiology/ HEART,
physiology/ HUMAN/ HYDROCORTISONE,
blood/ INSULIN, blood/ *MYOCARDIAL
INFARCT, blood/ *MYOCARDIUM,
metabolism/ REVIEW/ TIME FACTORS/
TRIGLYCERIDES, blood
3378. Olivereau JM: Actions de l'ionisation atmosphérique
artificielle sur l'excrétion urinaire de sodium et du
potassium.
C R Acad Sci [D] (Paris) 276:777-80, 29 Jan 73 (Fre)
*ADRENAL CORTEX HORMONES, metabolism/
*AIR IONIZATION/ ANIMAL EXPERIMENTS/
KINETICS/ POTASSIUM, metabolism/
SODIUM, metabolism/ *SODIUM, urine/
SPECTROPHOTOMETRY/ *VASOPRESSIN,
metabolism/ WATER-ELECTROLYTE
BALANCE
3379. Olivier GC, Rochefort JG, Labrie F: Evaluation clinique
de l'épreuve de stimulation par la LH-RH synthétique.
Union Med Can 103:685-90, Apr 74 (Fre)
AMENORRHEA, diagnosis/ COMPARATIVE
STUDY/ ENGLISH ABSTRACT/ FEMALE/
FSH, blood/ HUMAN/ HYPOGONADISM,
diagnosis/ HYPOPHYSITARISM, diagnosis/
LACTATION DISORDERS, diagnosis/ LH,
blood/ *LH-FSH RELEASING HORMONE,
diagnostic use/ MALE/ MENSTRUATION/
PITUITARY NEOPLASMS, diagnosis/ TESTIS,
abnormalities/ TIME FACTORS
3380. Olsson K, Kolmodin R: Inhibition of natriuretic
hormone secretion by intracarotid infusions of
slightly hypertonic non-electrolyte solutions.
Acta Endocrinol (Kbh) 76:53-8, May 74
ANIMAL EXPERIMENTS/ DEPRESSION,
CHEMICAL/ *DIURESIS, drug effects/
FEMALE/ FRUCTOSE, administration &
dosage/ FRUCTOSE, pharmacodynamics/
GALACTOSE, administration & dosage/
*GALACTOSE, pharmacodynamics/ GLYCERIN,
administration & dosage/ *GLYCERIN,
pharmacodynamics/ GOATS/ HYPOTONIC
SOLUTIONS/ INFUSIONS, PARENTAL/
OSMOLAR CONCENTRATION/ SODIUM
CHLORIDE, administration & dosage/ SODIUM
CHLORIDE, pharmacodynamics/
STIMULATION, CHEMICAL/ URINE/
VASOPRESSIN, administration & dosage/
*VASOPRESSIN, secretion
3381. O'Malley BW, Means AR, Socher SH, et al: Hormonal
control of oviduct growth and differentiation.
Symp Soc Dev Biol 30:53-77, 1974 (32 ref.)

AUTHOR SECTION

- ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION, drug effects/ CELL DIVISION, drug effects/ CHICKENS/ CHROMATIN, drug effects/ CHROMATIN, metabolism/ CIRCULAR DICHROISM/ COMPLEMENT FIXATION TESTS/ DIETHYLSTILBESTROL, pharmacodynamics/ DNA, biosynthesis/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ FEMALE/ FLUORODEOXYURIDINE, pharmacodynamics/ HYDROXYUREA, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ MITOSIS, drug effects/ ORGAN SPECIFICITY/ OVIDUCTS, cytology/ *OVIDUCTS, growth & development/ OVIDUCTS, metabolism/ PROTEINS, biosynthesis/ REVIEW/ RIBOSOMES, drug effects/ RIBOSOMES, metabolism/ RNA POLYMERASE, metabolism/ TIME FACTORS
3382. Onaya T, Sato A, Hashizume K: [Study of human thyroid stimulator (HTS): comparison with LATS] Clin Endocrinol (Tokyo) 22:394-6, Mar 74 (10 ref.) (Jap)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ COLLOIDS/ HUMAN/ *LONG-ACTING THYROID STIMULATOR, physiology/ REVIEW/ *THYROTROPIN, physiology
3383. O'Neill YV: Michael Scot and Mary of Bologna: an addendum. Clio Med 9:125-9, Jun 74
*ABORTION, MISSED, history/ *FAMOUS PERSONS/ FEMALE/ *GYNECOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HUMAN/ *HYDATIDIFORM MOLE, history/ ITALY/ MANUSCRIPTS/ NOMENCLATURE/ *OBSTETRICS, history
3384. O'Neill YV: Michael Scot and Mary of Bologna. A medieval gynecological puzzle. Clio Med 8:87-111, Jun 73
*ABORTION, MISSED, history/ *FAMOUS PERSONS/ FEMALE/ *GYNECOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HUMAN/ *HYDATIDIFORM MOLE, history/ ITALY/ MANUSCRIPTS/ *OBSTETRICS, history
3385. Ono H, Kimura T, Taira N, et al: Proceedings: Pharmacological analyses of action of DBC-AMP on the central nervous system of conscious dogs. Jap J Pharmacol 24:Suppl:48, 1974
ANIMAL EXPERIMENTS/ *CENTRAL NERVOUS SYSTEM, drug effects/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics
3386. Ono S: Conservation of ancient linkage groups in evolution and some insight into the genetic regulatory mechanism of x-inactivation. Cold Spring Harbor Symp Quant Biol 38:155-64, 1973
ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ CHROMOSOMES/ *EVOLUTION/ FEMALE/ *GENES, REGULATOR/ HAPLOIDY/ HUMAN/ *LINKAGE (GENETICS)/ MALE/ MICE/ MUTATION/ OPERON/ PHENOTYPE/ SELECTION (GENETICS)/ SEX CHROMOSOME ABNORMALITIES, familial & genetic/ *SEX CHROMOSOMES/ STAINS AND STAINING/ TESTICULAR FEMINIZATION, familial & genetic/ TESTOSTERONE
3387. Onofrei T, Minulescu M, Pirvulescu M, et al: Unele observații asupra etiopatogeniei osteopetrozei. Pediatria (Bucur) 22:415-28, Sep-Oct 73 (Rum)
CHILD, PRESCHOOL/ CONNECTIVE TISSUE, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INTESTINE, SMALL, pathology/ KIDNEY, pathology/ MALE/ MUCOPOLYSACCHARIDES, metabolism/ MUSCLES, pathology/ OSTEOPECTROSIS, enzymology/ *OSTEOPECTROSIS, etiology/ OSTEOPECTROSIS, metabolism/ OSTEOPECTROSIS, pathology/ PELVIC BONES, pathology/ RETICULOENDOTHELIAL SYSTEM, pathology/ RIBS, pathology/ SKULL, pathology/ SYNDROME
3388. Opel H: Rate of follicular atresia following hypophysectomy of the trukey. Poult Sci 53:825-7, Mar 74
ANIMAL EXPERIMENTS/ FEMALE/ GRAAFIAN FOLLICLE, cytology/ *GRAAFIAN FOLLICLE, physiology/ HYPOPHYSECTOMY/ OVULATION/ *PITUITARY GLAND, physiology/ TIME FACTORS/ *TURKEYS, physiology
3389. Opitz JM, Kaveggia EG: Studies of malformation syndromes of man 33: the FG syndrome. An X-linked recessive syndrome of multiple congenital anomalies and mental retardation. Z Kinderheilkd 117:1-18, 8 Apr 74
*ABNORMALITIES, MULTIPLE, familial & genetic/ ANUS, IMPERFORATE, familial & genetic/ ELECTROENCEPHALOGRAPHY/ GROWTH DISORDERS, familial & genetic/ HEART DEFECTS, CONGENITAL, familial & genetic/ HEART ENLARGEMENT, familial & genetic/ HUMAN/ KYPHOSIS, familial & genetic/ MALE/ *MENTAL RETARDATION, familial & genetic/ PEDIGREE/ PERSONALITY/ PHENOTYPE/ PYLORIC STENOSIS, familial & genetic/ *SEX CHROMOSOME ABNORMALITIES/ SPEECH DISORDERS, familial & genetic/ SYNDACTYLIA, familial & genetic/ SYNDROME/ URINARY TRACT, abnormalities
3390. Order SE, Kirkman R, Knapp R: Serologic immunotherapy: results and probable mechanism of action. Cancer 34:175-83, Jul 74
ANIMAL EXPERIMENTS/ ANTIGENS, NEOPLASM/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ IMMUNE SERUMS, administration & dosage/ MALE/ MICE, INBRED C3H/ NEOPLASMS, EXPERIMENTAL, therapy/ OVARIAN NEOPLASMS, immunology/ *OVARIAN NEOPLASMS, therapy/ RABBITS, immunology/ *SERTOTHERAPY
3391. Orenstein JM, Castadot MJ, Wilens SL: Fatal herpes hepatitis associated with pemphigus vulgaris and steroids in an adult. Hum Pathol 5:489-93, Jul 74
CASE REPORT/ FEMALE/ HEPATITIS, INFECTIOUS, complications/ *HEPATITIS, INFECTIOUS, etiology/ HEPATITIS, INFECTIOUS, pathology/ *HERPES SIMPLEX, complications/ HERPES SIMPLEX, pathology/ HERPESVIRUS/ HERPESVIRUS HUMANIS/ *HERPESVIRUS INFECTIONS, complications/ HERPESVIRUS INFECTIONS, pathology/ HUMAN/ LIVER, pathology/ MICROSCOPY, ELECTRON/ *PEMPHIGUS, complications/ PEMPHIGUS, drug therapy/ PEMPHIGUS, pathology/ PREDNISONE, administration & dosage/ PREDNISONE, therapeutic use/ RECURRENCE
3392. Oreopoulos DG, Silverberg S: Letter: Calcium oxalate urinary-tract stones in patient's on maintenance dialysis. N Engl J Med 290:1438-9, 20 Jun 74
ADULT/ *CALCIUM, metabolism/ GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, therapy/ *HEMODIALYSIS/ HUMAN/ *KIDNEY CALCULI, etiology/ *KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, metabolism/ MALE/ *OXALATES, metabolism/ PERITONEAL DIALYSIS
3393. Orgebin-Crist MC, Davies J: Functional and morphological effects of hypophysectomy and androgen replacement in the rabbit epididymis. Cell Tissue Res 148:183-201, 11 Apr 74
ANIMAL EXPERIMENTS/ CELLULAR INCLUSIONS/ CILIA/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ *EPIDIDYMIS, cytology/ EPIDIDYMIS, physiology/ EPITHELIAL CELLS, cytology/ FEMALE/ FERTILITY, drug effects/ GOLGI APPARATUS/ *HYPOPHYSECTOMY/ LYSOSOMES/ MALE/ MICROSCOPY, ELECTRON/ PROPIONATES, pharmacodynamics/ SPERMATOGENESIS/ SPERMATOZOA, physiology/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS

AUTHOR SECTION

3394. Orha I, Márcus S, Dumitru C: Tahicardia atrială cronică repetitivă.
Med Interna (Bucur) 28:201-8, Feb 74 (Rum)
ADULT/ CHRONIC DISEASE/
ELECTROCARDIOGRAPHY/ ENGLISH
ABSTRACT/ EXERCISE TEST/ HUMAN/
HYPOVENTILATION/ MALE/ POSTURE/
PREDNISONE, pharmacodynamics/
RECURRENCE/ *TACHYCARDIA, diagnosis/
TACHYCARDIA, therapy
3395. Orimo H, Oyama T, Ito H: Calcitonin inhibition of gastric secretion in rat.
Endocrinol Jap 20:439-45, Oct 73
ANIMAL EXPERIMENTS/ CALCITONIN,
administration & dosage/ *CALCITONIN,
pharmacodynamics/ CALCIUM, blood/
DOSE-RESPONSE RELATIONSHIP, DRUG/
GASTRIC JUICE, secretion/ LIGATION/
MALE/ PARATHYROID GLANDS, physiology/
PEPSIN, secretion/ PEPTIC ULCER,
prevention & control/ PYLORUS/
STIMULATION, CHEMICAL/ *STOMACH,
secretion/ SWINE
3396. Oriol Bosch A, Durán F: Cinética de la respuesta inicial de los corticoides plasmáticos a la administración de corticotrofina.
Rev Iber Endocrinol 21:209-15, May 74 (Spa)
ADMINISTRATION, ORAL/ *ADRENAL
GLANDS, physiology/ CORTICOTROPIN,
administration & dosage/ *CORTICOTROPIN,
pharmacodynamics/ DEXAMETHASONE,
administration & dosage/ DEXAMETHASONE,
pharmacodynamics/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/
*11-HYDROXYCORTICOSTEROIDS, blood/
INJECTIONS, INTRAVENOUS/ MALE/
PITUITARY-ADRENAL FUNCTION TESTS/
*PITUITARY GLAND, physiology/
STIMULATION, CHEMICAL
3397. Orskov H, Seyer-Hansen K: Measurement of and correction for incubation damage in radioimmunoassay. Eur J Clin Invest 4:207-11, Jun 74
HUMAN/ *INSULIN, blood/ METHODS/
RADIOIMMUNOASSAY/ *SOMATOTROPIN,
blood
3398. Ortel RW, Newcombe DS: Acute gouty arthritis and response to colchicine in the virtual absence of synovial-fluid leukocytes.
N Engl J Med 290:1363-4, 13 Jun 74
ACUTE DISEASE/ ADULT/ COLCHICINE,
administration & dosage/ COLCHICINE,
pharmacodynamics/ *COLCHICINE, therapeutic
use/ *GOITER, drug therapy/ GOUT,
diagnosis/ HUMAN/ KNEE JOINT/
*LEUKOCYTES/ LEUKOCYTES, drug effects/
MALE/ RECURRENCE/ *SYNOVIAL FLUID,
cytology/ SYNOVIAL FLUID, drug effects
3399. Ortiz JR, Yamada T, Hsie AW: Induction of the stellate configuration in cultured iris epithelial cells by adenosine and compounds related to adenosine 3':5'-cyclic monophosphate.
Proc Natl Acad Sci USA 70:2286-90, Aug 73
*ADENOSINE, pharmacodynamics/
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ADENOSINE MONOPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BUTYRATES, pharmacodynamics/ CELL
DIFFERENTIATION, drug effects/ CELLS,
CULTURED/ EPITHELIAL CELLS/ IRIS,
cytology/ *IRIS, drug effects/
*MORPHOGENESIS, drug effects/
SALAMANDERS
3400. Orts RJ, Benson B, Cook BF: LH inhibitory properties of aqueous extracts of rat pineal glands.
Life Sci 14:1501-10, 16 Apr 74
ANIMAL EXPERIMENTS/ CASTRATION/
COMPARATIVE STUDY/ GEL FILTRATION/
*LH, blood/ MALE/ MELATONIN, metabolism/
*PINEAL BODY, metabolism/ RATS/
SPECTROMETRY, FLUORESCENCE/ TESTIS,
physiology/ TIME FACTORS/ TISSUE
EXTRACTS
3401. Orts RJ, Benson B, Cook BF: Some antigonadotrophic effects of melatonin-free bovine pineal extracts in rats. Acta Endocrinol (Kbh) 76:438-48, Jul 74
ANIMAL EXPERIMENTS/ CASTRATION/
DEPRESSION, CHEMICAL/ ESTRUS, drug
effects/ FEMALE/ GEL FILTRATION/
HYPERTROPHY/ *LH, antagonists &
inhibitors/ LH, blood/ MALE/ MELATONIN/
ORGAN WEIGHT/ OVARY, anatomy &
histology/ OVARY, drug effects/ *PINEAL
BODY/ RADIOIMMUNOASSAY/ TIME
FACTORS/ *TISSUE EXTRACTS,
pharmacodynamics/ ULTRAFILTRATION/
VAGINA, drug effects/ VAGINAL SMEARS
3402. Orwin A, James SR, Turner RK: Sex chromosome abnormalities, homosexuality and psychological treatment. Br J Psychiatry 124:293-5, Mar 74
*AVERSIVE THERAPY/ HOMOSEXUALITY,
etiology/ *HOMOSEXUALITY, therapy/
HUMAN/ KLINEFELTER'S SYNDROME,
complications/ *KLINEFELTER'S SYNDROME,
therapy/ MALE/ PSYCHOSEXUAL
DEVELOPMENT
3403. Osawa N: [Laboratory animals for gerontological research]
Jap J Clin Med 32:37-46, Jan 74 (34 ref.) (Jap)
ADRENAL CORTEX HORMONES, biosynthesis/
ADULT/ *AGING/ ANIMAL EXPERIMENTS/
*ANIMALS, LABORATORY/ COMPARATIVE
STUDY/ DISEASE MODELS, ANIMAL/
HUMAN/ LONGEVITY/ MACACA/ MALE/
MICE/ MONKEYS/ ORGAN WEIGHT/ RATS/
RESEARCH/ REVIEW/ SPECIES
SPECIFICITY/ SWINE
3404. Osborne NN, Neuhoff V: Formation of serotonin in insect (Periplaneta americana) nervous tissue.
Brain Res 74:366-9, 12 Jul 74
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ BRAIN, drug effects/
*BRAIN, metabolism/ *COCKROACHES,
metabolism/ HYDROXYTRYPTOPHAN,
metabolism/ *SEROTONIN, biosynthesis/
TRITIUM/ TRYPTOPHAN, metabolism/
TRYPTOPHAN HYDROXYLASE, metabolism
3405. Osborne NN, Neuhoff V: In vitro experiments on the metabolism, accumulation and release of 5-HT in the nervous system of the snail Helix pomatia.
J Neurochem 22:363-71, Mar 74
AMINO ACIDS, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BIOLOGICAL TRANSPORT,
ACTIVE/ CALCIUM, pharmacodynamics/
CARBON RADIOISOTOPES/
CHROMATOGRAPHY, THIN LAYER/
DESIPRAMINE, pharmacodynamics/ ELECTRIC
STIMULATION/ *GANGLIA, metabolism/
HYDROXYINDOLEACETIC ACID, biosynthesis/
HYDROXYTRYPTOPHAN, biosynthesis/
HYDROXYTRYPTOPHAN, pharmacodynamics/
IMIPRAMINE, pharmacodynamics/ IN VITRO/
ISOTOPE LABELING/ MAGNESIUM,
pharmacodynamics/ NERVE TISSUE, drug
effects/ OUABAIN, pharmacodynamics/
PHENYLALANINE, pharmacodynamics/
*SEROTONIN, metabolism/ *SNAILS/
SORBITOL, metabolism/
STRUCTURE-ACTIVITY RELATIONSHIP/
TEMPERATURE/ TIME FACTORS/ TRITIUM/
TRYPTOPHAN, metabolism
3406. Oseko F, Yoshimi T, Fukase M, et al: Kinetics of dehydroepiandrosterone sulphate metabolism in normal controls and patients with liver cirrhosis and acute hepatitis.
Acta Endocrinol (Kbh) 76:332-42, Jun 74
ACUTE DISEASE/ ADOLESCENCE/ ADULT/
AGED/ CHROMATOGRAPHY, PAPER/
*DEHYDROEPIANDROSTERONE, blood/
DEHYDROEPIANDROSTERONE, metabolism/
FEMALE/ HALF-LIFE/ *HEPATITIS, blood/
HEPATITIS, enzymology/ HUMAN/ LIVER,
enzymology/ *LIVER CIRRHOSIS, blood/
LIVER CIRRHOSIS, enzymology/ METABOLIC
CLEARANCE RATE/ MIDDLE AGE/
SULFATASES, metabolism/ SULFATES, blood/
SULFUR RADIOISOTOPES/

AUTHOR SECTION

- SULFURTRANSFERASES, metabolism/
TRITIUM
3407. Oshima H, Sarada T, Ochiai K, et al: Effects of a synthetic estrogen upon steroid bioconversion in vitro in testes of patients with prostatic cancer. Invest Urol 12:43-9, Jul 74
ADMINISTRATION, ORAL/
ANDROSTENEDIONE, metabolism/ ENZYME REPRESSION/ HEXESTROL, administration & dosage/ *HEXESTROL, pharmacodynamics/ HEXESTROL, therapeutic use/ HUMAN/ HYDROXYLASES, metabolism/
HYDROXYPREGNENOLONE, metabolism/
HYDROXYPROGESTERONE, metabolism/
HYDROXYSTEROID DEHYDROGENASES, metabolism/ IN VITRO/ ISOMERASES, metabolism/ LYASES, metabolism/ MALE/ NADP, pharmacodynamics/ PROGESTERONE, metabolism/ PROSTATIC NEOPLASMS, drug therapy/ *PROSTATIC NEOPLASMS, metabolism/ SPERMATOGENESIS, drug effects/ *STEROIDS, metabolism/ TESTIS, cytology/ *TESTIS, drug effects/ TESTIS, enzymology/ TESTIS, pathology/ TESTIS, surgery/ TESTOSTERONE, metabolism
3408. Oshovskaia TT, Zhuchenko FG: Vplyv estropheniv na protsesy embriogenezy v eksperymenti. Pediatr Akush Ginekol 3:47-9, 1973 (Ukr)
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ *EMBRYO, drug effects/ EMBRYO, growth & development/ *ESTRONE, pharmacodynamics/ TIME FACTORS
3409. Osman AM, el-Azab EA: Gonadal and epididymal sperm reserves in the camel, Camelus dromedarius. J Reprod Fertil 38:425-30, Jun 74
ANIMAL EXPERIMENTS/ *CAMELS, physiology/ EGYPT/ *EPIDIDYMIIS, physiology/ MALE/ ORGAN WEIGHT/ SEASONS/ *SPERMATOOA/ SUDAN/ *TESTIS, physiology
3410. Ostashevskala MI: O funktsional'nom sostoianii kory golovnogo mozga pri gipotireoze u detei po dannym elektroentsefalografii. Pediatrria 3:71-5, Mar 74 (Rus)
ADOLESCENCE/ *CEREBRAL CORTEX, physiopathology/ CHILD/ CHILD, PRESCHOOL/ ELECTROENCEPHALOGRAPHY/ HUMAN/ *HYPOTHYROIDISM, physiopathology/ INFANT
3411. Ostlund RE, Pastan I, Adelstein RS: Myosin in cultured fibroblasts. J Biol Chem 249:3903-7, 25 Jun 74
ACTIN, analysis/ BUFFERS/ CELL FRACTIONATION/ CELL LINE/ CELL NUCLEUS, analysis/ CELL TRANSFORMATION, NEOPLASTIC/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ ELECTROPHORESIS, DISC/ *FIBROBLASTS, analysis/ FIBROBLASTS, drug effects/ FIBROBLASTS, growth & development/ KIDNEY, analysis/ L CELLS, analysis/ MEMBRANES, analysis/ MICE, INBRED STRAINS, embryology/ MICROTUBULES, analysis/ MOUSE TUMOR VIRUSES/ *MYOSIN, analysis/ MYOSIN, isolation & purification/ PROTEINS, analysis/ SODIUM DODECYL SULFATE/ SUBCELLULAR FRACTIONS, analysis/ THEOPHYLLINE, pharmacodynamics
3412. Ostrzeński A: Wydolność fizyczna kobiet z zespołem Turnera. Pol Tyg Lek 29:891-3, 27 May 74 (Pol)
ENGLISH ABSTRACT/ EXERTION/ FEMALE/ HUMAN/ *PHYSICAL FITNESS/ *TURNER'S SYNDROME
3413. O'Sullivan JP, Wilding RP: Liver hamartomas in patients on oral contraceptives. Br Med J 2:7-10, 6 Jul 74
*CONTRACEPTIVES, ORAL, adverse effects/ ETHYNODIOL DIACETATE, adverse effects/ FEMALE/ *HAMARTOMA, chemically induced/ HAMARTOMA, pathology/ HAMARTOMA, surgery/ HEMOPERITONEUM, etiology/ HUMAN/ *LIVER NEOPLASMS, chemically induced/ LIVER NEOPLASMS, pathology/
- LIVER NEOPLASMS, surgery/
LYNESTRENOL, adverse effects/
MESTRANOL, adverse effects/
NORETHINDRONE, adverse effects
3414. Ota K, Ota T, Yokoyama A: Plasma corticosterone concentrations and pituitary prolactin content in the pregnancy and their within-day fluctuations in the rat. J Endocrinol 61:21-8, Apr 74
ANIMAL EXPERIMENTS/ CIRCADIAN RHYTHM/ *CORTICOSTERONE, blood/ ELECTROPHORESIS, DISC/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ LABOR/ *PITUITARY GLAND, analysis/ PREGNANCY/ *PREGNANCY, ANIMAL/ *PROLACTIN, analysis/ RATS/ SPECTROMETRY, FLUORESCENCE/ VAGINAL SMEARS
3415. Ota M, Shimizu E, Obara K: Effect of gonadotropins on the reduced excretion of a gonadotropin-inhibiting substance in the hypophysectomized rats. Endocrinol Jap 20:497-504, Oct 73
ANIMAL EXPERIMENTS/ BODY WEIGHT/ FEMALE/ GONADOTROPINS, antagonists & inhibitors/ *GONADOTROPINS, pharmacodynamics/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ HYPOPHYSECTOMY/ MALE/ ORGAN WEIGHT/ OVULATION, drug effects/ PINEAL BODY, secretion/ *PITUITARY GLAND, physiology/ PROSTATE, anatomy & histology/ SEMINAL VESICLES, anatomy & histology/ TESTIS, anatomy & histology/ URINE, analysis
3416. Othmer E, Levine WR, Malarkey WB, et al: Body build and sleep-related growth hormone secretion. Horm Res 5:156-66, 1974
AGE FACTORS/ *BODY HEIGHT/ *BODY WEIGHT/ COMPARATIVE STUDY/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ ELECTROOCULOGRAPHY/ HUMAN/ MALE/ RADIOIMMUNOASSAY/ *SLEEP/ *SOMATOTROPIN, blood/ TIME FACTORS
3417. Ottolenghi A, Barnett HD: The effect of drugs on the eosinophilic leukocyte population of rat tissues. I. Dexamethasone. J Pharmacol Exp Ther 189:303-11, May 74
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BONE MARROW CELLS, enzymology/ *DEXAMETHASONE, pharmacodynamics/ DEXTRAN/ EOSINOPHILS, drug effects/ EOSINOPHILS, enzymology/ INTESTINE, SMALL, cytology/ INTESTINE, SMALL, enzymology/ LUNG, cytology/ LUNG, enzymology/ MALE/ PHOSPHOLIPASE, metabolism/ RATS/ SPLEEN, cytology/ SPLEEN, enzymology/ STOMACH, cytology/ STOMACH, enzymology/ TIME FACTORS
3418. Ottolenghi A, Barnett HD: The effect of drugs on the eosinophilic leukocyte population of rat tissues. II. Cyclophosphamide. J Pharmacol Exp Ther 189:312-6, May 74
ANIMAL EXPERIMENTS/ BONE MARROW CELLS, enzymology/ *CYCLOPHOSPHAMIDE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ *EOSINOPHILS, drug effects/ INTESTINE, SMALL, enzymology/ LUNG, enzymology/ MALE/ PHOSPHOLIPASE, metabolism/ RATS/ SPLEEN, enzymology/ STOMACH, enzymology
3419. Ouchi T, Takenoshita M, Tanaka S: Proceedings: Serum dopamine-beta-hydroxylase (regulation of catecholamine-release by various agents). Jap J Pharmacol 24:Suppl:25, 1974
ADRENAL MEDULLA, metabolism/ ANIMAL EXPERIMENTS/ *DOPAMINE BETA HYDROXYLASE, blood/ ENZYME ACTIVATION/ EPINEPHRINE, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ NOREPINEPHRINE, biosynthesis/ PROPRANOLOL,

AUTHOR SECTION

- pharmacodynamics/ SYMPATHETIC NERVOUS SYSTEM, metabolism
3420. Ous S, Fryjordet A, Waaler G: Cancer prostatae. Morbiditet og mortalitet ved østrogen-behandling. Tidsskr Nor Lægeforen 94:748-51, 30 Apr 74 (Nor)
ADULT/ AGED/ ATROPHY/
CARDIOVASCULAR DISEASES, complications/
CARDIOVASCULAR DISEASES, mortality/
*ESTROGENS, adverse effects/ ESTROGENS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PROSTATIC NEOPLASMS, complications/ *PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, mortality/ PROSTATIC NEOPLASMS, surgery/ TESTICULAR DISEASES, chemically induced
3421. Outram GW, Dickinson AG, Fraser H: Reduced susceptibility to scrapie in mice after steroid administration. Nature 249:855-6, 28 Jun 74
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ DOSE-RESPONSE RELATIONSHIP, DRUG/ LYMPHATIC SYSTEM, immunology/ PREDNISONE, administration & dosage/ *PREDNISONE, therapeutic use/ SCRAPIE, immunology/ *SCRAPIE, prevention & control/ SCRAPIE VIRUS, pathogenicity
3422. Owen CA Jr: Similarity of chronic copper toxicity in rats to copper deposition of Wilson's disease. Mayo Clin Proc 49:368-75, Jun 74
ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ BRAIN CHEMISTRY/ CERULOPLASMIN, metabolism/ COMPARATIVE STUDY/ COPPER, analysis/ COPPER, metabolism/ *COPPER, toxicity/ CORNEA, analysis/ ERYTHROCYTES, analysis/ *HEPATOLENTICULAR DEGENERATION, metabolism/ HEPATOLENTICULAR DEGENERATION, pathology/ HUMAN/ INTESTINE, LARGE, analysis/ INTESTINE, SMALL, analysis/ IRON, analysis/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ MALE/ MUSCLES, analysis/ MYOCARDIUM, analysis/ RADIOISOTOPES/ SKIN, analysis/ SPLEEN, analysis/ TESTIS, analysis
3423. Owen K, Peters PJ, Bronson FH: Effects of intracranial implants of testosterone propionate on intermale aggression in the castrated male mouse. Horm Behav 5:83-92, Mar 74
*AGGRESSION, drug effects/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ BODY WEIGHT, drug effects/ BRAIN/ BRAIN, anatomy & histology/ CASTRATION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ INJECTIONS, SUBCUTANEOUS/ MALE/ METHODS/ MICE/ MICE, INBRED C57BL/ MICE, INBRED STRAINS/ ORGAN WEIGHT/ SEMINAL VESICLES, anatomy & histology/ STIMULATION, CHEMICAL/ TESTIS, physiology/ TESTOSTERONE, administration & dosage/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS
3424. Owen K, Wallace F, Thiessen D: Effects of intracerebral implants of steroid hormones on scent marking in the ovariectomized female gerbil (Meriones unguiculatus). Physiol Behav 12:755-60, May 74
AMYGDALOID BODY, drug effects/ ANDROSTANES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ *BRAIN, drug effects/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GERBILS/ HIPPOCAMPUS, drug effects/ HYPOTHALAMUS, drug effects/ 17-KETOSTEROIDS, pharmacodynamics/ *MATERNAL BEHAVIOR, drug effects/ OLFACTORY NERVE, drug effects/ PHEROMONES, secretion/ *PROGESTERONE, pharmacodynamics/ SEBACEOUS GLANDS, secretion/ SEPTUM PELLUCIDUM, drug effects/ STEREOTAXIC TECHNIQS/ *TERRITORIALITY/ *TESTOSTERONE, pharmacodynamics/ THALAMUS, drug effects
3425. Owens RB, Smith HS, Hackett AJ: Epithelial cell cultures from normal glandular tissue of mice. J Natl Cancer Inst 53:261-9, Jul 74
ADENOCARCINOMA, etiology/ C-TYPE VIRUSES, isolation & purification/ *CELL DIFFERENTIATION/ *CELL DIVISION/ CELLS, CULTURED, cytology/ *CELLS, CULTURED, microbiology/ CYSTADENOMA, etiology/ DIPLOIDY/ EAR, EXTERNAL/ *EPITHELIAL CELLS/ *LIVER/ *MAMMAE/ MICROSCOPY, ELECTRON/ NEOPLASMS, EXPERIMENTAL, etiology/ ONCOGENIC VIRUSES, isolation & purification/ *OVARY/ SARCOMA, EXPERIMENTAL, etiology/ *SKIN
3426. Ozawa H, Kogi K: [Effects of hormonal control on the drug sensitivity of the vas deferens and seminal vesicle. 1] Folia Pharmacol Jap 69:557-69, Jul 73 (Jap)
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *AUTONOMIC DRUGS, pharmacodynamics/ CALCIUM, pharmacodynamics/ CASTRATION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ GUANETHIDINE, pharmacodynamics/ IN VITRO/ MALE/ MANGANESE, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ NOREPINEPHRINE, pharmacodynamics/ ORGAN WEIGHT/ PHENTOLAMINE, pharmacodynamics/ POTASSIUM, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ SEMINAL VESICLES, anatomy & histology/ SEMINAL VESICLES, drug effects/ *SEX HORMONES, physiology/ TESTOSTERONE, pharmacodynamics/ TYRAMINE, pharmacodynamics/ *VAS DEFERENS, drug effects
3427. Ozdemir IA, Zaman NU, Rullis I, et al: Benign clear cell tumor of lung. J Thorac Cardiovasc Surg 68:131-3, Jul 74
*ADENOMA, VIRILIZING/ ADENOMA, VIRILIZING, pathology/ ADENOMA, VIRILIZING, radiography/ ADENOMA, VIRILIZING, surgery/ HUMAN/ LUNG, pathology/ *LUNG NEOPLASMS/ LUNG NEOPLASMS, pathology/ LUNG NEOPLASMS, radiography/ LUNG NEOPLASMS, surgery/ MALE
3428. Ozon R, Stocker C: Formation in vitro de 5 alpha-dihydrotestosterone par le testicule de Discoglossus pictus. Gen Comp Endocrinol 23:224-36, Jun 74 (Fre)
*AMPHIBIA, physiology/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CELL FRACTIONATION/ CELL NUCLEUS, enzymology/ ENGLISH ABSTRACT/ ESTROGENS, pharmacodynamics/ GLUCURONATES, metabolism/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HYPOPHYSECTOMY/ IN VITRO/ MALE/ MICROSOMES, enzymology/ NADP, pharmacodynamics/ OXIDOREDUCTASES, metabolism/ REPRODUCTION/ *STANOLONE, metabolism/ SULFATES, metabolism/ TESTIS, cytology/ TESTIS, enzymology/ *TESTIS, metabolism/ TESTOSTERONE, metabolism

P

3429. Pace-Asciak C, Miller D: Prostaglandins during development. II. Identification of prostaglandin 9-hydroxy dehydrogenase activity in adult rat kidney homogenates. Experientia 30:590-2, 15 Jun 74
AGE FACTORS/ *ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ *KIDNEY, enzymology/ MALE/ *PROSTAGLANDINS, metabolism/ TRITIUM
3430. Pachtman H, Hlil SK, Wood EH: The posterior choroidal arteries. Normal measurements and displacement by hydrocephalus or tumors of the pineal region or brainstem. Radiology 112:343-52, Aug 74
ARTERIES/ *BRAIN NEOPLASMS, radiography/ *BRAIN STEM/ CEREBRAL

AUTHOR SECTION

- ANGIOGRAPHY/ *CHOROID, blood supply/
HUMAN/ *HYDROCEPHALUS, radiography/
*PINEALOMA, radiography
3431. Packman PM, Boshans RL, Robins E: Quantitative histochemical studies of the hypothalamus dehydrogenase enzymes.
J Histochem Cytochem 22:240-3, Apr 74
ANIMAL EXPERIMENTS/ CEREBELLUM, enzymology/ CEREBRAL CORTEX, enzymology/ COMPARATIVE STUDY/
*GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ *GLUTAMATE DEHYDROGENASE, metabolism/
HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNIQUES/ *HYPOTHALAMUS, enzymology/
*LACTATE DEHYDROGENASE, metabolism/
*MALATE DEHYDROGENASE, metabolism/
MALE/ MICROSCOPY, FLUORESCENCE/
ORGAN SPECIFICITY/ RATS
3432. Page LA, Smith PC: Placentitis and abortion in cattle inoculated with chlamydiae isolated from aborted human placental tissue.
Proc Soc Exp Biol Med 146:269-75, May 74
*ABORTION, SEPTIC, etiology/ ABORTION, SEPTIC, microbiology/ ABORTION, SEPTIC, pathology/ ANIMAL EXPERIMENTS/
ANTIBODIES, BACTERIAL, analysis/ CATTLE/ CHLAMYDIA, isolation & purification/
*CHLAMYDIA INFECTIONS, complications/
CHLAMYDIA INFECTIONS, pathology/
COMPLEMENT FIXATION TESTS/
EXUDATES AND TRANSUDATES, microbiology/ FEMALE/ FETUS, microbiology/
INJECTIONS, INTRAVENOUS/ PLACENTA, microbiology/ PLACENTA, pathology/
*PLACENTA DISORDERS, etiology/
PLACENTA DISORDERS, pathology/
PREGNANCY/ UTERUS, microbiology
3433. Pager J, Giachetti I, Holley A, et al: A selective control of olfactory bulb electrical activity in relation to food deprivation and satiety in rats.
Physiol Behav 9:573-9, Oct 72
ACETATES/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *EATING/ ELECTRODES, IMPLANTED/
ELECTROENCEPHALOGRAPHY/ FEEDBACK/
*FOOD DEPRIVATION/ HUNGER/
HYPOTHALAMUS, physiology/ INSULIN, pharmacodynamics/ MODELS, NEUROLOGIC/
NEURAL INTERCONNECTIONS/ NEURONS, physiology/ ODORS/ *OLFACTORY BULB, physiology/ *SATIATION/ *SMELL
3434. Pages A, Cadilhac J, Baldet P, et al: Dystrophie-osteo-chondro musculaire ou syndrome de Schwartz-Jampel. Etude optique et ultrastructurale du muscle strié.
Arch Anat Pathol (Paris) 22:65-76, Mar 74 (Fre)
*ABNORMALITIES, MULTIPLE, pathology/
AUTOSOME ABNORMALITIES/ *DWARFISM, pathology/ *EYELID DISEASES, pathology/
FEMALE/ HUMAN/ MICROSCOPY, ELECTRON/ *MUSCLES, pathology/
MUSCULAR DYSTROPHY, pathology/
SYNDROME
3435. Paine TF Jr: Letter: Possible adverse effect of prednisone in SSPE. N Engl J Med 290:1326, 6 Jun 74
HUMAN/ *PREDNISONE, adverse effects/
*SUBACUTE SCLEROSING PANENCEPHALITIS, complications
3436. Palasz M: Wpływ niektórych leków na powstawanie i zaostrzenia wrzodu żołądka i dwunastnicy.
Wiad Lek 27:1079-82, 15 Jun 74 (17 ref.) (Pol)
ANTIDIABETICS, adverse effects/ ASPIRIN, adverse effects/ CAFFEINE, adverse effects/
CATECHOLAMINES, adverse effects/
CINCHOPHEN, adverse effects/
CORTICOTROPIN, adverse effects/
*DUODENAL ULCER, chemically induced/
FLUOROURACIL, adverse effects/
GLUCOCORTICOIDS, adverse effects/
HISTAMINE, adverse effects/ HUMAN/
INDOMETHACIN, adverse effects/
PARASYMPATHOMIMETICS, adverse effects/
PHENYLBUTAZONE, adverse effects/
3437. Palladi GA, Metaksa IaV: Glukokortikoidnala funktsiia kory nadpochechnikov u beremennykh s revmaticheskimi porokami serdtsa.
Akush Ginekol (Mosk) 49:58-60, Nov 73 (Rus)
*ADRENAL GLANDS, physiopathology/
FEMALE/ HUMAN/
*11-HYDROXYCORTICOSTEROIDS, blood/
PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, blood/
*PREGNANCY COMPLICATIONS, CARDIOVASCULAR, physiopathology/
RHEUMATIC HEART DISEASE, blood/
*RHEUMATIC HEART DISEASE, physiopathology
3438. Palma EL, Perlman SM, Huang AS: Ribonucleic acid synthesis of vesicular stomatitis virus. VI. Correlation of defective particle RNA synthesis with standard RNA replication. J Mol Biol 85:127-36, 5 May 74
CARBON RADIOISOTOPES/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/
CYCLOHEXIMIDE, pharmacodynamics/
*DEFECTIVE VIRUS, metabolism/ MUTATION/
OVARY/ RNA, VIRAL, analysis/ *RNA, VIRAL, biosynthesis/ TRANSCRIPTION, GENETIC/ TRITIUIM/ URIDINE, metabolism/
VESICULAR STOMATITIS VIRUS, drug effects/ *VESICULAR STOMATITIS VIRUS, metabolism/ *VIRAL INTERFERENCE/ VIRUS REPLICATION
3439. Palmer FJ: Letter: Chlorthalidone-induced hypercalcemia. JAMA 229:287, 15 Jul 74
*CHLORTHALIDONE, adverse effects/
CHLORTHALIDONE, therapeutic use/
FEMALE/ HUMAN/ *HYPERCALCEMIA, chemically induced/ HYPERTENSION, drug therapy
3440. Palmer GC, Manian AA: Effects of phenothiazines and phenothiazine metabolites on adenyl cyclase and the cyclic AMP response in the rat brain.
Adv Biochem Psychopharmacol 9:749-67, 1974
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/
*ADENYL CYCLASE, antagonists & inhibitors/
ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CEREBRAL CORTEX, cytology/
CEREBRAL CORTEX, metabolism/
CHLORPROMAZINE, pharmacodynamics/
ENZYME ACTIVATION, drug effects/
FLUPHENAZINE, pharmacodynamics/
HALOPERIDOL, pharmacodynamics/
HYDROXYLATION/ HYPOTHALAMUS, metabolism/ IN VITRO/ MALE/ NEUROGLIA, metabolism/ NEURONS, metabolism/
NOREPINEPHRINE, pharmacodynamics/
PERPHENAZINE, pharmacodynamics/
*PHENOTHIAZINES, pharmacodynamics/
PROCHLORPERAZINE, pharmacodynamics/
PROMAZINE, pharmacodynamics/
PROMETHAZINE, pharmacodynamics
3441. Palmer GC, Scott HR: The cyclic AMP response to noradrenalin in young adult rat brain following post-natal injections of 6-hydroxydopamine.
Experientia 30:520-1, 15 May 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ADENYL CYCLASE, metabolism/ AGE FACTORS/
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BRAIN CHEMISTRY, drug effects/
CEREBRAL CORTEX, drug effects/
CEREBRAL CORTEX, enzymology/ CEREBRAL CORTEX, growth & development/
*CEREBRAL CORTEX, metabolism/
*HYDROXYDOPAMINE, pharmacodynamics/
*NOREPINEPHRINE, pharmacodynamics/
RATS/ *RECEPTORS, ADRENERGIC, drug effects/ RECEPTORS, HORMONE, drug effects
3442. Palmieri GM, Dvorak J, Bottomley R: Letter: Calcitonin in steroid-induced osteoporosis. N Engl J Med 290:1490-1, 27 Jun 74
AGED/ CALCITONIN, administration & dosage/ *CALCITONIN, therapeutic use/ CALCIUM, urine/ CASE

AUTHOR SECTION

- REPORT/ DIET THERAPY/ FEMALE/
HUMAN/ HYDROXYPROLINE, urine/
INJECTIONS, SUBCUTANEOUS/ LEUKEMIA,
LYMPHOCYTIC, drug therapy/
OSTEOPOROSIS, chemically induced/
*OSTEOPOROSIS, drug therapy/
OSTEOPOROSIS, therapy/ OSTEOPOROSIS,
urine/ *PREDNISONE, adverse effects/
PREDNISONE, therapeutic use/ REMISSION
3443. Palmieri GM, Nordquist RE, Omenn GS:
Immunochemical localization of parathyroid hormone
in cancer tissue from patients with ectopic
hyperparathyroidism. *J Clin Invest* 53:1726-35, Jun 74
ADENOMA, immunology/ ANTIGENS/
AUTORADIOGRAPHY/ CARCINOMA,
EPIDERMAL, pathology/ CATTLE/ CROSS
REACTIONS/ CYTOPLASM, analysis/
FLUORESCENT ANTIBODY TECHNIC/
GUINEA PIGS/ HORMONES, ECTOPIC/
HUMAN/ HYPERCALCEMIA, complications/
HYPERPARATHYROIDISM, immunology/
*HYPERPARATHYROIDISM, pathology/
IMMUNOLOGIC TECHNIQUES/ ISLET CELL
TUMOR, pathology/ LUNG NEOPLASMS,
pathology/ NEOPLASTIC ENDOCRINE-LIKE
SYNDROMES, complications/ NEOPLASTIC
ENDOCRINE-LIKE SYNDROMES, enzymology/
*NEOPLASTIC ENDOCRINE-LIKE
SYNDROMES, immunology/ PARATHYROID
GLANDS, immunology/ *PARATHYROID
HORMONE, analysis/ PARATHYROID
HORMONE, secretion/ PARATHYROID
NEOPLASMS, complications/ PARATHYROID
NEOPLASMS, enzymology/ PARATHYROID
NEOPLASMS, immunology/ PEPTIDE
HYDROLASES, metabolism/ PHOSPHATES,
blood/ RADIOIMMUNOASSAY
3444. Palmiter RD, Catlin GH, Cox RF: Chromatin-associated
receptors for estrogen, progesterone, and
dihydrotestosterone and the induction of egg white
protein synthesis in chick magnum.
Cell Differ 2:163-70, Jul 73
ANIMAL EXPERIMENTS/ *CHICKENS,
metabolism/ *CHROMATIN/ *EGG PROTEINS,
biosynthesis/ *ESTROGENS, metabolism/
FEMALE/ GENES/ *OVIDUCTS, drug effects/
*PROGESTERONE, metabolism/ PROTEIN
BINDING/ *RECEPTORS, HORMONE/ RNA,
MESSENGER, biosynthesis/ *STANOLONE,
metabolism/ TRITIUM
3445. Palva T, Palva A, Dammert K, et al: Malignant
lymphoma invading the facial nerve.
Arch Otolaryngol 99:433-6, Jun 74
CHILD/ COCHLEAR NERVE, pathology/
COLON, surgery/ ELECTRIC STIMULATION/
*FACIAL NERVE, pathology/ FACIAL NERVE,
physiopathology/ FACIAL PARALYSIS,
etiology/ FEMALE/ HUMAN/ *ILEUM,
pathology/ ILEUM, surgery/ *INTESTINAL
NEOPLASMS, pathology/ INTESTINAL
NEOPLASMS, surgery/ LYMPHATIC
METASTASIS/ LYMPHOSARCOMA,
complications/ LYMPHOSARCOMA, drug
therapy/ *LYMPHOSARCOMA, pathology/
LYMPHOSARCOMA, physiopathology/
LYMPHOSARCOMA, surgery/ NEOPLASM
METASTASIS/ NICOTINIC ACID, therapeutic
use/ PERIPHERAL NERVE NEOPLASMS,
complications/ PERIPHERAL NERVE
NEOPLASMS, drug therapy/ *PERIPHERAL
NERVE NEOPLASMS, pathology/
PERIPHERAL NERVE NEOPLASMS,
physiopathology/ PREDNISONE, therapeutic
use
3446. Pan P, Bonner JT, Wedner HY, et al:
Immunofluorescence evidence for the distribution of
cyclic AMP in cells and cell masses of the cellular
 slime molds. *Proc Natl Acad Sci USA* 71:1623-5, May 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ CELL
NUCLEUS, analysis/ CYTOPLASM, analysis/
FLUORESCENT ANTIBODY TECHNIC/
HISTOCYTOCHEMISTRY/ METHODS/
*MYXOMYCETES, metabolism/ RABBITS,
immunology
3447. Pang PK, Pang RK: Environmental calcium and
hypocalcin activity in the Stannius corpuscles of the
channel catfish, *Ictalurus punctatus* (Rafinesque).
Gen Comp Endocrinol 23:239-41, Jun 74
ADAPTATION, PHYSIOLOGICAL/ ANIMAL
EXPERIMENTS/ *CALCIUM/ CALCIUM,
blood/ *ENDOCRINE GLANDS, metabolism/
ENVIRONMENTAL EXPOSURE/ FEMALE/
*FISHES, metabolism/ FRESH WATER/
*KIDNEY, metabolism/ MALE
3448. Pang SF, Ralph CL, Relly DP: Melatonin in the chicken
brain: its origin, diurnal variation, and regional
distribution. *Gen Comp Endocrinol* 22:499-506, Apr 74
ANIMAL EXPERIMENTS/ *BRAIN,
metabolism/ CEREBELLUM, metabolism/
*CHICKENS, physiology/ CIRCADIAN
RHYTHM/ HYPOTHALAMUS, metabolism/
MEDULLA OBLONGATA, metabolism/
MELATONIN, blood/ *MELATONIN,
metabolism/ MESENCEPHALON, metabolism/
*PINEAL BODY, physiology/ PONS,
metabolism/ TELENCEPHALON, metabolism
3449. Pankov IuA: Struktura i svoistva gipofizarnykh
gormonov. 1. Peptidnye gormony gipofiza.
Probl Endokrinol (Mosk) 20:106-14, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ CATTLE/
COMPARATIVE STUDY/ CORTICOTROPIN,
analysis/ CORTICOTROPIN, physiology/
HUMAN/ LIPOTROPIN, analysis/
LIPOTROPIN, physiology/ MOLECULAR
CONFORMATION/ OXYTOCIN, analysis/
OXYTOCIN, physiology/ *PEPTIDES, analysis/
*PITUITARY HORMONES, ANTERIOR,
analysis/ *PITUITARY HORMONES,
POSTERIOR, analysis/ RECEPTORS, DRUG/
SHEEP/ SWINE/ VASOPRESSIN, analysis/
VASOPRESSIN, physiology
3450. Pankovich AM, Simmons DJ, Kulkarni VV: Zonal
osteons in cortical bone.
Clin Orthop 100:356-63, May 74
*AGING/ AUTOPSY/ *BONE AND BONES,
anatomy & histology/ BONE AND BONES,
radiography/ BONE RESORPTION/
CALCIFICATION, PHYSIOLOGIC/ FEMALE/
HAVERSIAN SYSTEM, anatomy & histology/
HUMAN/ MALE/ MICORADIOGRAPHY/
RIBS, anatomy & histology
3451. Panksepp J: Hypothalamic regulation of energy balance
and feeding behavior.
Fed Proc 33:1150-65, May 74 (164 ref.)
AMINO ACIDS, metabolism/ APPETITE
DISORDERS, physiopathology/ *APPETITE
REGULATION, drug effects/ CARBON
RADIOISOTOPES/ EATING/ *ENERGY
METABOLISM/ FATTY ACIDS,
NONESTERIFIED, metabolism/ FEEDBACK/
*FEEDING BEHAVIOR, drug effects/ FOOD
DEPRIVATION/ GLUCOSE, metabolism/
HYPOTHALAMUS/ *HYPOTHALAMUS,
physiology/ HYPOTHALAMUS,
physiopathology/ INSULIN, pharmacodynamics/
LIPIDS, metabolism/ MODELS, NEUROLOGIC/
REVIEW/ TIME FACTORS
3452. Panksepp J, Dickinson A: On the motivational deficits
after medial hypothalamic lesions.
Physiol Behav 9:609-14, Oct 72
ANIMAL EXPERIMENTS/ APPETITE
REGULATION/ BODY WEIGHT/
CONDITIONING, OPERANT/ DRINKING/
*EATING/ EXTINCTION (PSYCHOLOGY)/
*FEEDING BEHAVIOR/ FOOD DEPRIVATION/
*HYPOTHALAMUS, physiology/ MALE/
MODELS, BIOLOGICAL/ *MOTIVATION/
REINFORCEMENT SCHEDULE/
STEREOTAXIC TECHNIQUES/ WATER
DEPRIVATION
3453. Pannbacker RG: Cyclic nucleotide metabolism in
human photoreceptors.
Invest Ophthalmol 13:535-8, Jul 74
ADAPTATION, OCULAR/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE, metabolism/
ADENYL CYCLASE, metabolism/ CALCIUM,
pharmacodynamics/ CENTRIFUGATION,
DENSITY GRADIENT/ COMPARATIVE

AUTHOR SECTION

- STUDY/ GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, biosynthesis/ GUANOSINE
CYCLIC 3',5' MONOPHOSPHATE, metabolism/
GUANYL CYCLASE, metabolism/ HUMAN/ IN
VITRO/ LIGHT/ MICROSCOPY, ELECTRON/
*NUCLEOTIDES, CYCLIC, metabolism/
PHOSPHODIESTERASES, metabolism/ PHOTIC
STIMULATION/ PHOTORECEPTORS,
metabolism/ PROTEIN KINASE, metabolism/
RODS AND CONES, cytology/ *RODS AND
CONES, enzymology/ TISSUE EXTRACTS
3454. Pant HC, Ward WR: Proceedings: Effect of intravenous
infusion of oestradiol-17 beta, with and without prior
progesterone treatment, on the plasma luteinizing
hormone and follicle-stimulating hormone
concentrations in anoestrous ewes.
J Endocrinol 61:vi, Apr 74
ANIMAL EXPERIMENTS/ ESTRADIOL,
administration & dosage/ *ESTRADIOL,
pharmacodynamics/ ESTRUS/ FEEDBACK/
FEMALE/ *FSH, blood/ INFUSIONS,
PARENTERAL/ *LH, blood/ PROGESTERONE,
administration & dosage/ *PROGESTERONE,
pharmacodynamics/ RADIOIMMUNOASSAY/
SHEEP
3455. Paolaggi JB: Traitement médical de la polyarthrite
rhumatoïde de l'adulte.
Rev Prat 23:5133-4 passim, 11 Dec 73 (Fre)
ADRENAL CORTEX HORMONES, therapeutic
use/ ARTHRITIS, RHEUMATOID, drug
therapy/ ENGLISH ABSTRACT/ GOLD,
therapeutic use/ HUMAN/
IMMUNOSUPPRESSIVE AGENTS, therapeutic
use/ SALICYLATES, therapeutic use/
SPECIAL LIST FOREIGN
3456. Papanicolaou N, Makrakis S, Bariety J, et al:
Prostaglandins in rat tissues.
J Pharm Pharmacol 26:270-2, Apr 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
ASSAY/ BLOOD PRESSURE/ BRAIN
CHEMISTRY/ CHROMATOGRAPHY, THIN
LAYER/ COLON, drug effects/ KIDNEY
CORTEX, analysis/ KIDNEY MEDULLA,
analysis/ LIVER, analysis/ LUNG, analysis/
METHODS/ NEPHRECTOMY/
PROSTAGLANDINS, blood/
*PROSTAGLANDINS, isolation & purification/
PROSTAGLANDINS, pharmacodynamics/ RATS/
SPLEEN, analysis/ STOMACH, drug effects
3457. Papkoff H: Chemical and biological properties of the
subunits of pregnant mare serum gonadotropin.
Biochem Biophys Res Commun 58:397-404, 20 May 74
AMINO ACIDS, analysis/ ASCORBIC ACID,
metabolism/ BIOLOGICAL ASSAY/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ FEMALE/ FSH/
GONADOTROPINS, CHORIONIC/
*GONADOTROPINS, EQUINE/ HUMAN/ LH/
OVARY, metabolism/ PROTEIN BINDING/
PROTEIN DENATURATION/ SHEEP/ SPECIES
SPECIFICITY/ SPECTROPHOTOMETRY,
ULTRAVIOLET
3458. Papp Z, Gardó S, Walawska J: Probably monozygotic
twins with discordance for Goldenhar syndrome.
Clin Genet 5:86-90, 1974
ABNORMALITIES, MULTIPLE/ DERMOID
CYST, surgery/ *DISEASES IN TWINS/
ESTROGENS, therapeutic use/ *EYE
NEOPLASMS, surgery/ FEMALE/ HUMAN/
INFANT/ INFANT, NEWBORN/
*MANDIBULOFACIAL DYSOSTOSIS, surgery/
PREGNANCY/ PROGESTERONE, therapeutic
use/ SYNDROME
3459. Pappas BA, Peters DA, Saari M, et al: Neonatal
6-hydroxydopamine sympathectomy in normotensive
and spontaneously hypertensive rat.
Pharmacol Biochem Behav 2:381-6, May 74
ADRENAL GLANDS, enzymology/ ANALYSIS
OF VARIANCE/ ANIMAL EXPERIMENTS/
ANIMALS, NEWBORN/ BEHAVIOR, drug
effects/ BEHAVIOR, ANIMAL/ BLOOD
PRESSURE/ BRAIN, metabolism/ BRAIN
STEM, metabolism/ CARBON
RADIOISOTOPES/ CHROMATOGRAPHY, ION
EXCHANGE/ DOPA, metabolism/ FEMALE/
GANGLIA, AUTONOMIC, drug effects/
*GANGLIA, AUTONOMIC, physiology/
GANGLIA, AUTONOMIC, physiopathology/
HYDROXYDOPAMINE, pharmacodynamics/
*HYPERTENSION, physiopathology/ MALE/
NOREPINEPHRINE, metabolism/ SEROTONIN,
biosynthesis/ SYMPATHECTOMY/ TIME
FACTORS/ TYROSINE HYDROXYLASE,
metabolism
3460. Paron M, Gallo RC, Richardson LS, et al: Adrenal
corticosteroids enhance production of type-C virus
induced by 5-iodo-2'-deoxyuridine from cultured
mouse fibroblasts.
Proc Natl Acad Sci USA 70:2391-5, Aug 73
C-TYPE VIRUSES, drug effects/ C-TYPE
VIRUSES, enzymology/ CLONE CELLS/
DEOXYADENOSINE, pharmacodynamics/
DEXAMETHASONE, pharmacodynamics/ DRUG
SYNERGISM/ FIBROBLASTS/
GLUCOCORTICOIDS, antagonists & inhibitors/
*GLUCOCORTICOIDS, pharmacodynamics/
*IDOXURIDINE, pharmacodynamics/ INSULIN,
pharmacodynamics/ KINETICS/ *MOUSE
TUMOR VIRUSES, drug effects/ PLAQUE
ASSAY/ PREDNISOLONE, pharmacodynamics/
REVERSE TRANSCRIPTASE, metabolism/ SEX
HORMONES, pharmacodynamics/ THYMIDINE,
biosynthesis/ *VIRUS REPLICATION, drug
effects
3461. Parboosingh J, Doig A, Michie EA: Changes in renal
water and electrolyte excretion occurring before and
after induced ovulation and their relation to total
oestrogen and pregnanediol excretion.
J Obstet Gynaecol Br Commonw 81:417-22, Jun 74
AMENORRHEA, drug therapy/ *ESTROGENS,
urine/ FEMALE/ FLOWMETERS/
GONADOTROPINS, therapeutic use/ HUMAN/
*KIDNEY, metabolism/ *OVULATION/
PERIODICITY/ POTASSIUM, urine/
*PREGNANEDIOL, urine/ SODIUM, urine/
TIME FACTORS/ UREA, urine/ URINE/
*WATER, metabolism
3462. Pardo-Mindan FJ: Letter: Cryptorchidism.
Lancet 1:1345, 29 Jun 74
AGE FACTORS/ BIOPSY/ CRYPTORCHISM,
familial & genetic/ *CRYPTORCHISM,
pathology/ HUMAN/ MALE/
SPERMATOGENESIS/ *TESTIS, pathology
3463. Parisi AF, Hamilton BP, Thomas CN, et al: The short
cardiac pre-ejection period: an index to
thyrotoxicosis. Circulation 49:900-4, May 74
CAROTID ARTERIES/
ELECTROCARDIOGRAPHY/ *HEART,
physiopathology/ HUMAN/
HYPERTHYROIDISM, drug therapy/
*HYPERTHYROIDISM, physiopathology/
HYPERTHYROIDISM, radiotherapy/ IODINE
ISOTOPES, DIAGNOSTIC/ IODINE
RADIOISOTOPES, therapeutic use/
PHONOCARDIOGRAPHY/
PROPYLTHIOURACIL, therapeutic use/
PULSE/ RADIOIMMUNOASSAY/
TRIIODOTHYRONINE, therapeutic use
3464. Park LJ, Heller RH, Jones HW Jr, et al: Apparent
pseudopuberty in a phenotypic female with a gonadal
tumor and an autosome-Y chromosome translocation.
Am J Obstet Gynecol 119:661-8, 1 Jul 74
BODY CONSTITUTION/ *CHROMOSOME
ABERRATIONS/ *DISGERMINOMA, familial &
genetic/ DISGERMINOMA, pathology/
FEMALE/ HUMAN/ KARYOTYPING/
MENARCHE/ *OVARIAN NEOPLASMS,
familial & genetic/ OVARIAN NEOPLASMS,
pathology/ PHENOTYPE/ *PUBERTY/
*SERTOLI CELL TUMOR, familial & genetic/
SERTOLI CELL TUMOR, pathology/ *SEX
CHROMOSOMES
3465. Parker BR, Castellino RA, Fuks ZY, et al: The role of
lymphography in patients with ovarian cancer.
Cancer 34:100-5, Jul 74
FEMALE/ FOLLOW-UP STUDIES/ HUMAN/
LYMPHATIC METASTASIS, pathology/
*LYMPHATIC METASTASIS, radiography/

AUTHOR SECTION

- *LYMPHOGRAPHY/ NEOPLASM
RECURRENCE, LOCAL/ OVARIAN
NEOPLASMS, pathology/ *OVARIAN
NEOPLASMS, radiography/ RETROSPECTIVE
STUDIES
3466. Parker CW: Radioimmunoassays.
Prog Clin Pathol 4:103-41, 1972 (164 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
analysis/ ANIMAL EXPERIMENTS/
ANTIBODIES/ ANTIBODY FORMATION/
AUSTRALIA ANTIGEN, analysis/
BRADYKININ, analysis/ CALCITONIN,
analysis/ CARCINOEMBRYONIC ANTIGEN,
analysis/ COMPLEMENT, analysis/
CORTICOTROPIN/ CROSS REACTIONS/
DIGITALIS GLYCOSIDES, analysis/ GASTRIN,
analysis/ GLUCAGON, analysis/ HAPTENS,
analysis/ HUMAN/ IMMUNIZATION/ INSULIN,
analysis/ IODINE RADIOISOTOPES/
METHODS/ MORPHINE, analysis/ PITUITARY
HORMONES, POSTERIOR, analysis/
*RADIOIMMUNOASSAY/ REVIEW/
SOMATOTROPIN, analysis/ THYROID
HORMONES, analysis
3467. Parker G: Incest. Med J Aust 1:488-90, 30 Mar 74
ADOLESCENCE/ ATTITUDE/ CULTURE/
FAMILY/ FEMALE/ HUMAN/ *INCEST/
INTERPERSONAL RELATIONS/
PARENT-CHILD RELATIONS/
PSYCHOSEXUAL DEVELOPMENT/ PUBERTY/
SOCIAL CLASS/ SOCIAL DOMINANCE/
TABOO
3468. Parker JL, Lawson DH: Proceedings: Haematins and
potassium metabolism. Scott Med J 19:150-1, May 74
ANEMIA, HYPOCHROMIC, metabolism/
*ANEMIA, MACROCYTIC, metabolism/
ANEMIA, MACROCYTIC, mortality/ ANEMIA,
PERNICIOUS, complications/ COMPARATIVE
STUDY/ HUMAN/ HYPOKALEMIA, etiology/
*HYPOKALEMIA, metabolism/ MIDDLE AGE/
MYXEDEMA, metabolism/ *POTASSIUM,
metabolism/ RETROSPECTIVE STUDIES/
SCOTLAND
3469. Parkes AS: Sexuality and reproduction.
Perspect Biol Med 17:399-410, Spring 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
COITUS/ FEMALE/ FERTILIZATION/
HUMAN/ INSEMINATION, ARTIFICIAL/
MALE/ MATERNAL AGE/ MENSTRUATION/
MONKEYS/ ORGASM/ OVULATION/
*REPRODUCTION/ SEASONS/ *SEX
BEHAVIOR/ SEX CHROMOSOMES/ SEX
RATIO
3470. Parkes DG, Elling TE: Characterization of prostaglandin
synthetase in guinea pig lung. Isolation of a new
prostaglandin derivative from arachidonic acid.
Biochemistry 13:2598-604, 4 Jun 74
ANIMAL EXPERIMENTS/ *ARACHIDONIC
ACID, metabolism/ BOROHYDRIDES/ CARBON
RADIOISOTOPES/ FATTY ACIDS,
UNSATURATED/ GUINEA PIGS/ HEAT/
HYDROXYLASES, antagonists/ inhibitors/
*HYDROXYLASES, metabolism/ LUNG,
cytology/ LUNG, enzymology/ *LUNG,
metabolism/ MALE/ MICROSOMES,
enzymology/ MITOCHONDRIA, enzymology/
OXIDATION-REDUCTION/
PROSTAGLANDINS, biosynthesis/
PROSTAGLANDINS, isolation & purification/
PROTEIN DENATURATION/ SODIUM/
*SUBCELLULAR FRACTIONS, enzymology/
TRITIUM
3471. Parkin JM: Letter: Down's syndrome, hypothyroidism,
and diabetes mellitus. Br Med J 2:384, 18 May 74
AGE DETERMINATION BY SKELETON/
CHROMOSOMES, HUMAN, 21-22/ *DIABETES
MELLITUS, complications/ FEMALE/ HUMAN/
*HYPOTHYROIDISM, complications/
*MONGOLISM, complications/ MONGOLISM,
familial & genetic/ THYROTROPIN, blood/
TRISOMY
3472. Parks LW, Anding C, Ourisson G: Sterol
transmethylation during aerobic adaptation of yeast.
Eur J Biochem 43:451-8, 16 Apr 74
AEROBIOSIS/ CARBON RADIOISOTOPES/
CELL-FREE SYSTEM/ CYCLIZATION/
DESMOSTEROL, metabolism/ ERGOSTEROL,
biosynthesis/ ESTERS/ LANOSTEROL,
metabolism/ METHIONINE, metabolism/
METHYLATION/ *PHYTOSTEROLS,
metabolism/ *SACCHAROMYCES CEREVISIAE,
metabolism/ SPECTRUM ANALYSIS, MASS/
SQUALENE, metabolism
3473. Parlow AF, Shome B: Specific, homologous
radioimmunoassay (RIA) of highly purified subunits
of human pituitary follicle stimulating hormone
(hFSH). J Clin Endocrinol Metab 39:195-8, Jul 74
AMINO ACID SEQUENCE/
CHROMATOGRAPHY, DEAE-CELLULOSE/
*FSH, isolation & purification/ GEL
FILTRATION/ HUMAN/ LH, isolation &
purification/ *RADIOIMMUNOASSAY
3474. Parrak V, Tuckerman MM: Oscillopolarography of
mercaptapurine and its synthesis intermediates using
a commercial oscilloscope and an adapter circuit.
J Pharm Sci 63:622-4, Apr 74
CADMIUM/ COPPER/ DIAMINES, analysis/
ELECTRODES/ HYPOXANTHINES, analysis/
LEAD/ *MERCAPTOPURINE, analysis/
MERCURY/ METHODS/ OSCILLOMETRY,
instrumentation/ PHOTOGRAPHY/
POLAROGRAPHY, instrumentation/
THIOURACIL, analysis/ ZINC
3475. Parrott RF: Proceedings: Studies on the maintenance
of sexual behaviour in castrated rats treated with
various androgens. J Endocrinol 61:xlxxx, Apr 74
*ANDROGENS, pharmacodynamics/
ANDROSTENEDIONE, pharmacodynamics/
ANDROSTENOLS, pharmacodynamics/
ANDROSTERONE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ *CASTRATION/ MALE/
RATS/ *SEX BEHAVIOR, ANIMAL, drug
effects/ STANOLONE, pharmacodynamics/
TESTOSTERONE, pharmacodynamics
3476. Parrott RF: Effects of 17
beta-hydroxy-4-androsten-19-ol-3-one
(19-hydroxytestosterone) and 5
alpha-androstan-17-beta-ol-3-one
(dihydrotestosterone) on aspects of sexual behaviour
in castrated male rats. J Endocrinol 61:105-15, Apr 74
ANIMAL EXPERIMENTS/ *CASTRATION/
EJACULATION, drug effects/
HYDROXYSTEROIDS, pharmacodynamics/
MALE/ ORGAN WEIGHT/ PENIS, drug
effects/ PROPIONATES, pharmacodynamics/
PROSTATE, drug effects/ RATS/ SEMINAL
VESICLES, drug effects/ *SEX BEHAVIOR,
ANIMAL, drug effects/ *STANOLONE,
pharmacodynamics/ *TESTOSTERONE,
pharmacodynamics
3477. Parsons JA, Erlandsen SL: Ultrastructural
immunocytochemical localization of prolactin in rat
anterior pituitary by use of the unlabeled antibody
enzyme method.
J Histochem Cytochem 22:340-51, May 74
ANIMAL EXPERIMENTS/ ANTIBODIES/
ANTIGEN-ANTIBODY REACTIONS/
ESTRADIOL/ EVALUATION STUDIES/
FEMALE/ GOATS, immunology/ IMMUNE
SERUMS/ IODINE ISOTOPES, DIAGNOSTIC/
LH/ METHODS/ MICROSCOPY, ELECTRON/
PEROXIDASES/ *PITUITARY GLAND,
analysis/ PITUITARY GLAND, cytology/
*PROLACTIN, analysis/ RABBITS,
immunology/ RADIOIMMUNOASSAY/ RATS/
SHEEP, immunology/ STAINS AND STAINING
3478. Parsons V, Dalley V, Brinkley D, et al: The effects of
calcitonin on the metabolic disturbances surrounding
widespread bony metastases.
Acta Endocrinol (Kbh) 76:286-301, Jun 74
ADULT/ AGED/ ALKALINE PHOSPHATASE,
blood/ *BONE NEOPLASMS, drug therapy/
BREAST NEOPLASMS, therapy/ BRONCHIAL
NEOPLASMS, drug therapy/ *CALCITONIN,
therapeutic use/ CALCIUM, blood/
*CARCINOMA, drug therapy/ CARCINOMA,
therapy/ ESTROGENS, therapeutic use/

AUTHOR SECTION

- FEMALE/ FEMORAL NEOPLASMS, drug therapy/ HUMAN/ HYDROXYPROLINE, urine/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PANCREATIC NEOPLASMS, drug therapy/ PELVIC NEOPLASMS, drug therapy/ PHOSPHATES, blood/ PHOSPHATES, therapeutic use/ RIBS/ SCAPULA/ *SPINAL NEOPLASMS, drug therapy
3479. Parthemore JG, Bronzert D, Roberts G, et al: A short calcium infusion in the diagnosis of medullary thyroid carcinoma. *J Clin Endocrinol Metab* 39:108-11, Jul 74
CALCITONIN, secretion/ CALCIUM, blood/ *CALCIUM, diagnostic use/ *CARCINOMA, diagnosis/ HUMAN/ RADIOIMMUNOASSAY/ *THYROID NEOPLASMS, diagnosis/ TIME FACTORS
3480. Partridge JJ, Faber S, Uskoković MR: Vitamin D3 metabolites. I. Synthesis of 25-hydroxycholesterol. *Helv Chim Acta* 57:764-71, 27 Apr 74
*CHOLECALCIFEROL/ *CHOLESTEROL, chem synthesis/ HYDROXYSTEROIDS, chem synthesis/ NUCLEAR MAGNETIC RESONANCE/ OPTICAL ROTATION/ SPECTROPHOTOMETRY, INFRARED/ SPECTRUM ANALYSIS, MASS
3481. Partridge LD, Thomas RC: Effect of intracellular lithium on snail neurones. *Nature* 249:578-80, 7 Jun 74
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CALCIUM, metabolism/ CELL MEMBRANE, metabolism/ CELL MEMBRANE PERMEABILITY, drug effects/ *LITHIUM, pharmacodynamics/ LITHIUM, therapeutic use/ *MEMBRANE POTENTIALS, drug effects/ *NEURONS, drug effects/ NEURONS, metabolism/ POTASSIUM, metabolism/ POTASSIUM, pharmacodynamics/ PSYCHOSES, MANIC-DEPRESSIVE, drug therapy/ SNAILS/ SODIUM, metabolism
3482. Pasanen S, Koskela P: Seasonal changes in calcium, magnesium, copper and zinc content in the liver of the common frog, *Rana temporaria* L. *Comp Biochem Physiol* [A] 48:27-36, 1 May 74
ANIMAL EXPERIMENTS/ BODY WATER, metabolism/ *CALCIUM, metabolism/ COMPARATIVE STUDY/ *COPPER, metabolism/ FEMALE/ FROGS/ *LIVER, metabolism/ *MAGNESIUM, metabolism/ MALE/ METAMORPHOSIS, BIOLOGICAL/ ORGAN WEIGHT/ OVARY, physiology/ OVULATION/ RANA TEMPORARIA/ *SEASONS/ SEX FACTORS/ TIME FACTORS/ *ZINC, metabolism
3483. Pasantes-Morales H, Salceda R, Gómez-Puyou A: Effect of X537A on the release of amino acids in retina. *Biochem Biophys Res Commun* 58:847-53, 4 Jun 74
*AMINO ACIDS, metabolism/ AMINO BUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ *BENZOATES, pharmacodynamics/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ CARBON RADIOISOTOPES/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ CHICKENS/ COMPARATIVE STUDY/ GLYCINE, metabolism/ LEUCINE, metabolism/ MALE/ NEURAL TRANSMISSION/ RETINA, cytology/ RETINA, drug effects/ *RETINA, metabolism/ SODIUM, pharmacodynamics/ SULFUR RADIOISOTOPES/ TAURINE, metabolism
3484. Pasargiklian E, Velardo A, Barbarino A, et al: Comportamento della somatotropinemia dopo somministrazione intramuscolare di glucagone in bambini normali ed ipopituitari in età prepuberale. *Folia Endocrinol (Roma)* 27:189-95, Apr 74 (Ita)
ADOLESCENCE/ AGE FACTORS/ CHILD/ *DWARFISM, PITUITARY, blood/ FEMALE/ GLUCAGON, administration & dosage/ *GLUCAGON, pharmacodynamics/ HUMAN/ *HYPOPITUITARISM, blood/ INJECTIONS, INTRAMUSCULAR/ MALE/ *SOMATOTROPIN, blood
3485. Pascaud XB, Devys MM, Errard DJ: The antiulcer and autonomic pharmacology of pyridyl-2-thioacetamide (CMN 131). *Am J Dig Dis* 19:516-24, Jun 74
*ACETAMIDES, administration & dosage/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS/ ASPIRIN/ *AUTONOMIC NERVOUS SYSTEM, drug effects/ BRONCHIAL SPASM, chemically induced/ BRONCHIAL SPASM, drug therapy/ CATS/ DOGS/ GANGLIA, AUTONOMIC, drug effects/ GASTRIC JUICE, drug effects/ GASTRIC JUICE, secretion/ GUINEA PIGS/ HISTAMINE/ NICTITATING MEMBRANE, drug effects/ PARASYMPATHETIC NERVOUS SYSTEM, drug effects/ PEPTIC ULCER, chemically induced/ *PEPTIC ULCER, drug therapy/ PHENYL BUTAZONE/ PYRIDINES, administration & dosage/ RABBITS/ RATS/ RESERPINE/ SEROTONIN/ SEROTONIN, antagonists & inhibitors/ STRESS/ THIOACETAMIDE, administration & dosage
3486. Pašić I, Popović V, Sušić H: Zglobne promjene u toku hemo i peritonealne dijalize. *Med Arh* 28:Suppl:41-3, Jan 74 (Ser)
CALCIUM, metabolism/ *HEMODIALYSIS, adverse effects/ HUMAN/ *JOINT DISEASES, etiology/ KIDNEY FAILURE, CHRONIC, metabolism/ KIDNEY FAILURE, CHRONIC, therapy/ *PERITONEAL DIALYSIS, adverse effects/ PHOSPHORUS, metabolism
3487. Paśnikowski T, Koselnik-Glugla B: W sprawie włośniaków młodzieńczych. *Otolaryngol Pol* 28:245-9, 1974 (Pol)
ADOLESCENCE/ AGE FACTORS/ CHILD/ CORTICOTROPIN, therapeutic use/ FEMALE/ FIBROMA, drug therapy/ *FIBROMA, occurrence/ FIBROMA, radiotherapy/ FIBROMA, surgery/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ MALE/ NASOPHARYNGEAL NEOPLASMS, drug therapy/ *NASOPHARYNGEAL NEOPLASMS, occurrence/ NASOPHARYNGEAL NEOPLASMS, radiotherapy/ PUBERTY/ SEX FACTORS/ SEX HORMONES, secretion/ TESTOSTERONE, therapeutic use
3488. Paster SB, Rosen RT: Calcification in benign adrenal adenoma. *Urology* 3:646-8, May 74
ADENOMA, complications/ ADENOMA, pathology/ *ADENOMA, radiography/ ADENOMA, surgery/ ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, pathology/ *ADRENAL GLAND NEOPLASMS, radiography/ ADRENAL GLAND NEOPLASMS, surgery/ ADRENAL GLANDS, blood supply/ *CALCINOSIS, radiography/ CELIAC ARTERY, radiography/ EPINEPHRINE, diagnostic use/ HEMORRHAGE, pathology/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS, pathology/ PHLEBOGRAPHY/ RENAL ARTERY, radiography/ URINATION DISORDERS, etiology/ UROGRAPHY
3489. Patel AJ, Michaelson IA, Cremer JE, et al: Changes with metabolic compartments in the brains of young rats ingesting lead. *J Neurochem* 22:591-8, Apr 74
*ACETATES, metabolism/ AMINO BUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, metabolism/ BLOOD SUGAR, metabolism/ *BRAIN, metabolism/ CARBON RADIOISOTOPES/ COMPARATIVE STUDY/ FEMALE/ *GLUCOSE, metabolism/ GLUTAMATES, metabolism/ GLUTAMINE, metabolism/ HYDROXY BUTYRATES, blood/ LACTATION/ *LEAD POISONING, metabolism/ RATS/ STATISTICS/ TIME FACTORS/ TRITIUM
3490. Patel AJ, Michaelson IA, Cremer JE, et al: The metabolism of (14C) glucose by the brains of suckling rats intoxicated with inorganic lead. *J Neurochem* 22:581-90, Apr 74
AGING/ AMINO ACIDS, blood/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, metabolism/ BLOOD SUGAR, metabolism/ BODY WEIGHT/ BRAIN, metabolism/ CARBON RADIOISOTOPES/ CEREBELLUM, metabolism/

AUTHOR SECTION

- CEREBRAL CORTEX, metabolism/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ FEMALE/ GLUCOSE,
administration & dosage/ *GLUCOSE,
metabolism/ GLUTAMATES, metabolism/
GLUTAMINE, metabolism/ LACTATION/
*LEAD POISONING, metabolism/ RATS/
STATISTICS
3491. Patschke D, Brückner JB, Gethmann JW, et al:
Influence of althesin on coronary blood flow and
myocardial oxygen consumption in dogs.
Acta Anaesthesiol Scand 18:583-90, 1974
ANESTHESIA, INTRAVENOUS/
ANESTHETICS, administration & dosage/
*ANESTHETICS, pharmacodynamics/ ANIMAL
EXPERIMENTS/ ANTIHISTAMINICS,
administration & dosage/ ANTIHISTAMINICS,
pharmacodynamics/ BLOOD PRESSURE, drug
effects/ CARDIAC OUTPUT, drug effects/
CASTOR OIL/ *CORONARY CIRCULATION,
drug effects/ DEPRESSION, CHEMICAL/
DRUG COMBINATIONS/ ETHYLENE OXIDE/
HEART RATE, drug effects/
HYDROXYSTERIODS,
administration & dosage/
HYDROXYSTERIODS, pharmacodynamics/
INJECTIONS, INTRAVENOUS/ KIDNEY, blood
supply/ *MYOCARDIUM, metabolism/
NITROUS OXIDE/ OXYGEN/ *OXYGEN
CONSUMPTION, drug effects/ PIPERIDINES,
administration & dosage/ PREGNANEDIONES,
administration & dosage/ *PREGNANEDIONES,
pharmacodynamics/ REGIONAL BLOOD FLOW,
drug effects/ STIMULATION, CHEMICAL/
SURFACE-ACTIVE AGENTS/ TIME FACTORS/
VEHICLES
3492. Patten BM, Oliver KL, Engel WK: Adverse interaction
between steroid hormones and anticholinesterase
drugs. Neurology (Minneapolis) 24:442-9, May 74
ACTION POTENTIALS, drug effects/ ANIMAL
EXPERIMENTS/ *CHOLINESTERASE
INHIBITORS, antagonists & inhibitors/
CHOLINESTERASE INHIBITORS, therapeutic
use/ DEXAMETHASONE, pharmacodynamics/
DRUG INTERACTIONS/ EDROPHONIUM
CHLORIDE, pharmacodynamics/ ESTROGENIC
SUBSTANCES, CONJUGATED,
pharmacodynamics/ FROGS/
*GLUCOCORTICOIDS, pharmacodynamics/
HYDROCORTISONE, pharmacodynamics/
HYDROCORTISONE, therapeutic use/
MAGNESIUM, pharmacodynamics/ MALE/
METHYLPREDNISOLONE, pharmacodynamics/
MUSCLE CONTRACTION, drug effects/
*MUSCLES, drug effects/ MYASTHENIA
GRAVIS, drug therapy/ NEOSTIGMINE,
antagonists & inhibitors/ PREDNISOLONE,
pharmacodynamics/ PREDNISONE,
pharmacodynamics/ PYRIDOSTIGMINE
BROMIDE, antagonists & inhibitors/ RATS/
*SCIATIC NERVE, drug effects/
TUBOCURARINE, pharmacodynamics
3493. Patterson D, Kao FT, Puck TT: Genetics of somatic
mammalian cells: biochemical genetics of Chinese
hamster cell mutants with deviant purine metabolism.
Proc Natl Acad Sci USA 71:2057-61, May 74
*ADENINE, metabolism/ CHINA/ CLONE
CELLS/ FORMATES, metabolism/ *GENES/
GLYCINE, metabolism/ HUMAN/ HYBRID
CELLS/ *MUTATION/ OVARY
3494. Patterson R, Irons JS, Kelly JF, et al: Pulmonary
infiltrates with eosinophilia.
J Allergy Clin Immunol 53:245-55, Apr 74
ASPERGILLOSIS, complications/ ASTHMA,
etiology/ AZATHIOPRINE, therapeutic use/
*EOSINOPHILIA, complications/
EOSINOPHILS/ HUMAN/ LEUKEMIA,
MYELOCYTIC, complications/ *LUNG
DISEASES, complications/ MALE/
PERIARTERITIS NODOSA, complications/
PERIARTERITIS NODOSA, drug therapy/
PREDNISONE, therapeutic use/ SYNDROME
3495. Patterson WD, Hardman JG, Sutherland EW: A
comparison of cyclic nucleotide levels in plasma and
cells of rat and human blood.
- Endocrinology 95:325-7, Jul 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, blood/ ANIMAL
EXPERIMENTS/ COMPARATIVE STUDY/
ERYTHROCYTES, analysis/ FEMALE/
*GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, blood/ HUMAN/ PLASMA,
analysis
3496. Paul R, Williams RP, Cohen E: Analogs of the
abortifacient aminoglutethimide.
J Med Chem 17:539-41, May 74
*AMINOGLUTETHIMIDE, chem synthesis/
AMINOGLUTETHIMIDE, pharmacodynamics/
ANIMAL EXPERIMENTS/ *CONTRACEPTIVE
AGENTS, chem synthesis/ CONTRACEPTIVE
AGENTS, pharmacodynamics/ FEMALE/
FERTILITY, drug effects/ RATS/
STRUCTURE-ACTIVITY RELATIONSHIP
3497. Paulson GW: Cutis verticis gyrata and the Lennox
syndrome. Dev Med Child Neurol 16:196-200, Apr 74
CEREBRAL PALSY, diagnosis/ DIAGNOSIS,
DIFFERENTIAL/
ELECTROENCEPHALOGRAPHY/ *EPILEPSY,
PETIT MAL, complications/ EPILEPSY, PETIT
MAL, diagnosis/ FSH, blood/ *HEMIPLEGIA,
complications/ HUMAN/ LH, blood/ MALE/
MENTAL RETARDATION, complications/
*SCALP DERMATOSES, complications/
SYNDROME/ TESTOSTERONE, blood
3498. Păușescu E: Posibilități și tendințe actuale privind
imunosupresia biologică în transplantarea organelor
și țesuturilor. I.
Microbiol Parazitol Epidemiol (Bucur) 18:519-26,
Nov-Dec 73 (81 ref.) (Rum)
ADRENAL CORTEX HORMONES, therapeutic
use/ ANIMAL EXPERIMENTS/ ANTIBODIES/
ANTI-INFLAMMATORY AGENTS, therapeutic
use/ ANTILYMPHOCYTE SERUM, therapeutic
use/ BACTERIAL INFECTIONS, prevention &
control/ BLOOD COAGULATION DISORDERS,
prevention & control/ GRAFT REJECTION,
drug therapy/ GRAFT REJECTION, prevention
& control/ HEPARIN, therapeutic use/
HUMAN/ IMMUNOSUPPRESSIVE AGENTS,
adverse effects/ *IMMUNOSUPPRESSIVE
AGENTS, therapeutic use/ REVIEW/
*TRANSPLANTATION IMMUNOLOGY
3499. Pavlovic-Hournac M, Delbaffe D: In vivo
incorporation of labelled amino acid into different
protein fractions of the rat thyroid gland.
Horm Metab Res 6:196-201, May 74
*AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ CHROMATOGRAPHY,
PAPER/ INJECTIONS, INTRAVENOUS/
PRECIPITIN TESTS/ PROTEINS, analysis/
*PROTEINS, biosynthesis/ THYROGLOBULIN,
analysis/ *THYROGLOBULIN, biosynthesis/
THYROID GLAND, analysis/ *THYROID
GLAND, metabolism/ TRITIUM/ TYROSINE,
administration & dosage/ TYROSINE,
metabolism/ ULTRACENTRIFUGATION
3500. Pawlikowski T, Stąpor K, Zieleniewski J, et al: Guzy
feminizujące jąder.
Endokrynol Pol 25:147-52, Mar-Apr 74 (Pol)
ADOLESCENCE/ ADULT/
ARTERIOSCLEROSIS, complications/ ENGLISH
ABSTRACT/ *ESTROGENS, urine/ HUMAN/
HYPERTENSION, RENAL, etiology/ MALE/
*RENAL ARTERY OBSTRUCTION, occurrence/
*SERTOLI CELL TUMOR, diagnosis/
*TERATOID TUMOR, diagnosis/ TESTICULAR
NEOPLASMS, urine
3501. Pawlson LG, Lovell-Smith CJ, Manganiello VC, et al:
Effects of epinephrine, adrenocorticotrophic
hormone, and theophylline on adenosine 3',
5'-monophosphate phosphodiesterase activity in fat
cells. Proc Natl Acad Sci USA 71:1639-42, May 74
*ADENYL CYCLASE, metabolism/ *ADIPOSE
TISSUE, enzymology/ ANIMAL
EXPERIMENTS/ *CORTICOTROPIN,
pharmacodynamics/ DRUG SYNERGISM/
*EPINEPHRINE, pharmacodynamics/ IN
VITRO/ *INSULIN, pharmacodynamics/

AUTHOR SECTION

- PROPRANOLOL, pharmacodynamics/
*THEOPHYLLINE, pharmacodynamics
3502. Paxman PJ, Hill R: Thiocyanate content of kale. *J Sci Food Agric* 25:323-8, Mar 74
GOITER, etiology/ PLANTS, EDIBLE, metabolism/ SEASONS/ SPECIES SPECIFICITY/ *THIOCYANATES, analysis/ THIOCYANATES, metabolism/ VEGETABLES, adverse effects/ *VEGETABLES, analysis
3503. Paxman PJ, Hill R: The goitrogenicity of kale and its relation to thiocyanate content. *J Sci Food Agric* 25:329-37, Mar 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ DIODOTYROSINE, metabolism/ *GOITER, etiology/ IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ IODOTYROSINE, metabolism/ PLANTS, EDIBLE, metabolism/ RATS/ SPECIES SPECIFICITY/ *THIOCYANATES, analysis/ THIOCYANATES, metabolism/ THIOCYANATES, pharmacodynamics/ THYROID ANTAGONISTS, pharmacodynamics/ THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ THYROXINE, metabolism/ *VEGETABLES, adverse effects/ VEGETABLES, analysis
3504. Payne AP: Proceedings: Effect of early androgen administration on aggression in the female golden hamster. *J Endocrinol* 61:xxx1, Apr 74
*AGGRESSION, drug effects/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CASTRATION/ FEMALE/ HAMSTERS/ MALE/ *TESTOSTERONE, pharmacodynamics
3505. Payne AP, Brayshaw JS, Swanson HH: Proceedings: Effects of treatment with small doses of androgens during the neonatal period on the aggressiveness of male and female golden hamsters. *N Engl J Med* 291:48, 11 Jun 74
*AGGRESSION, drug effects/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ CASTRATION/ FEMALE/ MALE/ TESTOSTERONE, administration & dosage/ *TESTOSTERONE, pharmacodynamics
3506. Pazzagli M, Borrelli D, Forti G, et al: Dihydrotestosterone in human spermatic venous plasma. *Acta Endocrinol (Kbh)* 76:388-91, Jun 74
ADOLESCENCE/ ADULT/ BINDING, COMPETITIVE/ HUMAN/ MALE/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ *STANOLONE, blood/ TESTIS, blood supply/ TESTIS, metabolism/ *TESTOSTERONE, blood/ VEINS
3507. Peaker M, Linzell JL: The effects of oestrus and exogenous oestrogens on milk secretion in the goat. *N Engl J Med* 291:231-40, 11 Jun 74
ANIMAL EXPERIMENTS/ CHLORIDES, analysis/ DEPRESSION, CHEMICAL/ *ESTRADIOL, pharmacodynamics/ *ESTRONE, pharmacodynamics/ *ESTRUS/ FEMALE/ *GOATS, physiology/ IGG, analysis/ LACTATION/ LACTOSE, analysis/ LIPIDS, analysis/ MILK, analysis/ *MILK, secretion/ MILK PROTEINS, analysis/ POTASSIUM, analysis/ SECRETORY RATE, drug effects/ SODIUM, analysis/ TRANSPLANTATION, AUTOLOGOUS/ UDDER, transplantation
3508. Pearlmutter AF, Franco-Saenz R, Rapino E, et al: Human adrenal tissue in vitro: steroidogenic properties. *J Clin Endocrinol Metab* 39:150-3, Jul 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADRENAL GLANDS, metabolism/ COMPARATIVE STUDY/ CORTICOTROPIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ *HYDROCORTISONE, biosynthesis/ IN VITRO/ PERFUSION/ SWINE/ TIME FACTORS
3509. Pearse AG: Cell migration and the alimentary system: endocrine contributions of the neural crest to the gut and its derivatives. *Dev Psychobiol* 8:372-85, 1973 (46 ref.)
AMINES/ ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION/ *CELL MOVEMENT/ CENTRAL NERVOUS SYSTEM, embryology/ CYTOLOGICAL TECHNIQUES/ GASTROINTESTINAL SYSTEM, cytology/ *GASTROINTESTINAL SYSTEM, embryology/ HUMAN/ MELANOCYTES, cytology/ PANCREAS, cytology/ PANCREAS, embryology/ PITUITARY GLAND, embryology/ RADIOISOTOPES/ REVIEW/ SILVER NITRATE/ THYROID GLAND, cytology/ THYROID GLAND, embryology/ TRITIUM/ ULTIMOBRANCHIAL BODY
3510. Pearse AG, Polak JM, Adams C, et al: Diethylpyrocarbonate, a vapour-phase fixative for immunofluorescence studies on polypeptide hormones. *Histochem J* 6:347-52, May 74
ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ CAERULEIN, analysis/ CALCITONIN, analysis/ CHICKENS/ CORTICOTROPIN, analysis/ ESTERS/ *FLUORESCENT ANTIBODY TECHNIC/ *FORMIC ACIDS/ FREEZE DRYING/ GASTRIN, analysis/ GLUCAGON, analysis/ GOATS, immunology/ *HISTOLOGICAL TECHNIQUES/ *HORMONES, analysis/ HUMAN/ INSULIN, analysis/ PEPTIDES, analysis/ QUAIL/ RABBITS, immunology/ SECRETIN, analysis/ SHEEP/ SOMATOTROPIN, analysis
3511. Pearson PL, Linden AG van der, Hagemeljer A: Proceedings: Localization of gene markers to regions of the human X chromosome by segregation of X-autosome translocations in somatic cell hybrids. *Cytogenet Cell Genet* 13:136-42, 1974
ANIMAL EXPERIMENTS/ *CHROMOSOME ABERRATIONS/ *CHROMOSOME MAPPING/ CHROMOSOMES/ CLONE CELLS, enzymology/ FEMALE/ GALACTOSIDASE/ GLUCOSEPHOSPHATE DEHYDROGENASE/ HAMSTERS/ HUMAN/ HYBRID CELLS, enzymology/ MALE/ PENTOSYLTRANSFERASES/ PHOSPHOGLYCERATE KINASE/ *SEX CHROMOSOMES
3512. Pechet MM, Hesse RH: Metabolic and clinical effects of pure crystalline 1 alpha-hydroxyvitamin D3 and 1 alpha,25-dihydroxyvitamin D3. Studies of intestinal calcium transport, renal tubular function and bone metabolism. *Am J Med* 57:13-20, Jul 74 (31 ref.)
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *BONE AND BONES, metabolism/ BONE DEVELOPMENT, drug effects/ BONE RESORPTION, drug effects/ CALCIUM, analysis/ *CALCIUM, metabolism/ COMPARATIVE STUDY/ DIHYDROXYCHOLECALCIFEROLS, metabolism/ DIHYDROXYCHOLECALCIFEROLS, toxicity/ DRUG ANTAGONISM/ HUMAN/ *HYDROXYCHOLECALCIFEROL, metabolism/ HYDROXYCHOLECALCIFEROL, therapeutic use/ HYDROXYCHOLECALCIFEROL, toxicity/ HYDROXYPROLINE, urine/ *INTESTINES, metabolism/ KIDNEY TUBULES, analysis/ KIDNEY TUBULES, metabolism/ *KIDNEY TUBULES, physiology/ OSTEOMALACIA, drug therapy/ PARATHYROID GLANDS, physiology/ PARATHYROID HORMONE, physiology/ PHOSPHORUS, metabolism/ REVIEW/ THYROID GLAND, physiology
3513. Peck WA, Messinger K, Kimmich G, et al: Stimulation of uridine incorporation in isolated bone cells by parathyroid hormone and cyclic AMP. *Endocrinology* 95:289-98, Jul 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BONE AND BONES, drug effects/ *BONE AND BONES, metabolism/ CARBON RADIOISOTOPES/ DACTINOMYCIN, pharmacodynamics/ *PARATHYROID HORMONE, pharmacodynamics/ RNA, metabolism/ TIME FACTORS/ *URIDINE, metabolism
3514. Pedersen OL: Primaert hepatocellulaert karcinom med forhøjelse af tyroksinbindende globulin (TBG) og frit

AUTHOR SECTION

- tyroksin.
Ugeskr Laeger 136:1154-5, 20 May 74 (Dan)
ENGLISH ABSTRACT/ FEMALE/
*HEPATOMA, blood/ HUMAN/
IMMUNOELECTROPHORESIS/ *LIVER
NEOPLASMS, blood/ RADIOIMMUNOASSAY/
*THYROGLOBULIN, blood/ *THYROXINE,
blood
3515. Peeters G, Houvenaghel A: Effets variables de l'ocytocine et des kinines sur la pression intramammaire d'une brebis en lactation. Ann Biol Anim Biochim Biophys 13:177-85, 1973 (Fre)
ANIMAL EXPERIMENTS/ BRADYKININ, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ EPITHELIUM, drug effects/ FEMALE/ GOATS/ INJECTIONS, INTRA-ARTERIAL/ KALLIKREIN, pharmacodynamics/ *KININS, pharmacodynamics/ *LACTATION/ *MAMMAE, drug effects/ *OXYTOCIN, pharmacodynamics/ PRESSURE/ SHEEP/ THORACIC ARTERIES
3516. Pehlemann FW: Neue Befunde zur Ultrastruktur der Amitose von Interrenalzellen von Rana temporaria. Verh Anat Ges 67:619-24, 1972 (Ger)
ANIMAL EXPERIMENTS/ CORTICOTROPIN/ FROGS/ *KIDNEY, cytology/ *MITOSIS/ RANA TEMPORARIA
3517. Peinhardt G, Reppel L: Beiträge zur Kenntnis der Cumarine. 9. N-4-Hydroxycumarinyl-(3)-thioharnstoffe und N'-substituierte 3-Amino-4-hydroxy-1-thiocumarine. Pharmazie 28:729-33, Nov-Dec 73 (Ger)
CHEMISTRY/ COUMARINS, analysis/ *COUMARINS, chem synthesis/ SPECTROPHOTOMETRY, INFRARED/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFIDES, analysis/ SULFIDES, chem synthesis/ THIOUREA, analysis/ *THIOUREA, chem synthesis
3518. Pelet B, Donath A: Effet de l'upérisation d'un lait de vache humanisé sur le bilan azoté, phosphocalcique et potassique du nouveau-né. Helv Paediatr Acta 29:35-41, Apr 74 (Fre)
*CALCIUM, metabolism/ ENGLISH ABSTRACT/ *FOOD PRESERVATION/ HUMAN/ *INFANT, NEWBORN/ INFANT NUTRITION/ *MILK/ MILK, HUMAN/ *NITROGEN, metabolism/ *PHOSPHORUS, metabolism/ *POTASSIUM, metabolism
3519. Pelletier G: Autoradiographic studies of synthesis and intracellular migration of glycoproteins in the rat anterior pituitary gland. J Cell Biol 62:185-97, Jul 74
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CASTRATION/ COMPARATIVE STUDY/ ENDOPLASMIC RETICULUM, metabolism/ FUCOSE, metabolism/ GLYCOPROTEINS, biosynthesis/ *GLYCOPROTEINS, metabolism/ GOLGI APPARATUS, metabolism/ HISTOLOGICAL TECHNIQUES/ ISOTOPE LABELING/ KINETICS/ MALE/ MICROSCOPY, ELECTRON/ PITUITARY GLAND, cytology/ *PITUITARY GLAND, metabolism/ STAINS AND STAINING/ TESTIS, physiology/ TIME FACTORS/ TRITIUM
3520. Pelletier G, Labrie F, Puviani R, et al: Immunohistochemical localization of luteinizing hormone-releasing hormone in the rat median eminence. Endocrinology 95:314-7, Jul 74
ANIMAL EXPERIMENTS/ HISTOCYTOCHEMISTRY/ *HYPOTHALAMUS, analysis/ IMMUNOCHEMISTRY/ *LH-FSH RELEASING HORMONE, analysis/ MALE/ MICROSCOPY, ELECTRON
3521. Peltier LF, Collins JA, Everts CM, et al: A panel by correspondence. Fat embolism. Arch Surg 109:12-6, Jul 74
ANIMAL EXPERIMENTS/ DISEASE MODELS, ANIMAL/ *EMBOLISM, FAT, complications/ EMBOLISM, FAT, diagnosis/ EMBOLISM, FAT, etiology/ EMBOLISM, FAT, prevention & control/ FRACTURES, complications/ HUMAN/ INTUBATION, INTRATRACHEAL/ METHYLPREDNISOLONE, therapeutic use/ OXYGEN INHALATION THERAPY/ PROGNOSIS/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, mortality/ PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, therapy/ SHOCK, TRAUMATIC, complications/ SKIN MANIFESTATIONS/ TRANSPORT OF WOUNDED AND SICK
3522. Pencea V, Zbranca TE, Scripcaru G, et al: Familial Reiffenstein syndrome. J Genet Hum 21:279-86, Dec 73
FSH, urine/ GENES, DOMINANT/ GYNECOMASTIA, familial & genetic/ HUMAN/ KARYOTYPING/ LIBIDO/ MALE/ PEDIGREE/ PENIS, abnormalities/ *PSEUDOHERMAPHRODITISM, familial & genetic/ SEX CHROMATIN/ SYNDROME
3523. Penny RH: Het "agalactie-complex" bij de zeug. Tijdschr Diergeneesk 97:157-64, 1 Feb 72 (Dut)
ACIDOSIS, etiology/ ACTINOMYCOSIS, microbiology/ ANIMAL EXPERIMENTS/ CHRONIC DISEASE/ ENDOMETRITIS, complications/ ENGLISH ABSTRACT/ ERGOT ALKALOIDS, poisoning/ HYPOCALCEMIA, etiology/ LABOR COMPLICATIONS/ LACTATION DISORDERS, complications/ LACTATION DISORDERS, drug therapy/ *LACTATION DISORDERS, etiology/ *LACTATION DISORDERS, veterinary/ MAMMAE, injuries/ MASTITIS, complications/ NECROSIS/ OXYTOCIN, therapeutic use/ SWINE/ *SWINE DISEASES, pathology
3524. Penpargkul S, Scheuer J: Regulation of glycogen metabolism in acute uremic hearts. Metabolism 23:631-44, Jul 74
ADENYL CYCLASE, analysis/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ CARBON RADIOISOTOPES/ DIET/ DISEASE MODELS, ANIMAL/ EPINEPHRINE, pharmacodynamics/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ *GLYCOGEN, metabolism/ GLYCOGEN PHOSPHORYLASE, metabolism/ GLYCOGEN SYNTHETASE, metabolism/ GLYCOLYSIS, drug effects/ HEART RATE, drug effects/ INSULIN, pharmacodynamics/ LACTATES, pharmacodynamics/ MALE/ MYOCARDIUM, enzymology/ *MYOCARDIUM, metabolism/ NEPHRECTOMY/ PERFUSION/ PHOSPHODIESTERASES, metabolism/ TRANSFERASES, metabolism/ UREMIA, etiology/ *UREMIA, metabolism
3525. Pentikäinen P, Kekki M: Letter: Serotonin metabolism in hepatic encephalopathy. Br Med J 2:444, 25 May 74
*BRAIN DISEASES, metabolism/ *HEPATIC COMA, metabolism/ HUMAN/ INTESTINAL MUCOSA, metabolism/ LIVER, metabolism/ *LIVER CIRRHOSIS, metabolism/ *SEROTONIN, metabolism
3526. Pento JT, Kagan A, Glick SM: Influence of altered states of calcium homeostasis on insulin secretion in rats and rabbits. Horm Metab Res 6:177-80, May 74
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ CALCIUM, administration & dosage/ CALCIUM, blood/ *CALCIUM, metabolism/ FEMALE/ GLUCOSE, administration & dosage/ *HOMEOSTASIS/ HYPERCALCEMIA, metabolism/ HYPOCALCEMIA, metabolism/ INFUSIONS, PARENTERAL/ INSULIN, blood/ *INSULIN, secretion/ MALE/ PANCREAS, metabolism/ SODIUM CHLORIDE, administration & dosage
3527. Pepe GJ, Rothchild I: A comparative study of serum progesterone levels in pregnancy and in various types of pseudopregnancy in the rat. Endocrinology 95:275-9, Jul 74
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ FEMALE/ HYSTERECTOMY/ LACTATION/ *PREGNANCY, ANIMAL/ *PROGESTERONE, blood/ *PSEUDOPREGNANCY/ TIME FACTORS

AUTHOR SECTION

3528. **Pepeu G:** The release of acetylcholine from the brain: an approach to the study of the central cholinergic mechanisms. *Prog Neurobiol* 2:259-88, 1973 (144 ref.)
ACETYLCHOLINE, analysis/
*ACETYLCHOLINE, secretion/ AMINES, pharmacodynamics/ ANALEPTICS, pharmacodynamics/ ANESTHETICS, pharmacodynamics/ ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ BARBITURATES, pharmacodynamics/ BRAIN, secretion/ BRAIN CHEMISTRY/ CAUDATE NUCLEUS, secretion/ CEREBELLAR CORTEX, secretion/ CEREBRAL CORTEX, secretion/ CEREBROVASCULAR CIRCULATION/ COMPARATIVE STUDY/ ELECTRIC STIMULATION/ HYPOTHALAMUS, secretion/ IN VITRO/ MEDULLA OBLONGATA, secretion/ MORPHINE, pharmacodynamics/ NEURAL INTERCONNECTIONS/ NEURAL TRANSMISSION/ PARASYMPATHOLYTICS, pharmacodynamics/ PEPTIDES, pharmacodynamics/ REVIEW/ SHEEP/ SPINAL CORD, secretion/ THALAMIC NUCLEI, secretion/ TRANQUILIZING AGENTS, pharmacodynamics
3529. **Pera F, Scholz P:** Polyploidization in vitro: formation of a predominantly triploid cell population in an originally diploid tissue culture of *Microtus agrestis*. *Humangenetik* 21:17-26, 22 Jan 74
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CELLS, CULTURED/ CYTOLOGICAL TECHNIQUES/ *DIPLOIDY/ DNA REPLICATION/ FIBROBLASTS, cytology/ IN VITRO/ MALE/ MITOSIS/ *POLYPLOIDY/ *RODENTS, anatomy & histology/ SEX CHROMOSOMES/ THYMIDINE/ TIME FACTORS/ TISSUE CULTURE/ TRITIUM
3530. **Peracchi M, Cavagnini F, Pontiroli AE, et al:** Effect of aminophylline on growth hormone secretion in man. *Acta Endocrinol (Kbh)* 76:488-94, Jul 74
ACROMEGALY, blood/ AMINOPHYLLINE, administration & dosage/ *AMINOPHYLLINE, pharmacodynamics/ BLOOD SUGAR, metabolism/ DEPRESSION, CHEMICAL/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ INSULIN, metabolism/ MALE/ RADIOIMMUNOASSAY/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion/ STIMULATION, CHEMICAL/ TIME FACTORS
3531. **Perceval R:** President's address. Cancer and the ovary. *Proc R Soc Med* 67:381-7, May 74
ANOXIA/ ANTIGENS, NEOPLASM/ ANTIMETABOLITES, therapeutic use/ ASCITES, etiology/ CASTRATION/ FEMALE/ HISTORICAL ARTICLE/ HUMAN/ HYPERBARIC OXYGENATION/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ IMMUNOTHERAPY/ NEOPLASM METASTASIS/ NEUTRONS/ ONCOGENIC VIRUSES/ OVARIAN CYSTS, complications/ OVARIAN CYSTS, history/ *OVARIAN CYSTS, surgery/ OVARIAN NEOPLASMS, diagnosis/ *OVARIAN NEOPLASMS, history/ OVARIAN NEOPLASMS, immunology/ OVARIAN NEOPLASMS, mortality/ OVARIAN NEOPLASMS, pathology/ OVARIAN NEOPLASMS, therapy/ PIPERAZINES, therapeutic use/ PROPANE, therapeutic use/ RADIATION-SENSITIZING AGENTS, therapeutic use/ RUPTURE
3532. **Perdrup A:** "OGI"-Organization Green's International og behandling af hudsygdomme. En advarsel. *Ugeskr Laeger* 136:831-2, 8 Apr 74 (Dan)
ADRENAL CORTEX HORMONES, therapeutic use/ COOPERATIVE BEHAVIOR/ DENMARK/ HUMAN/ INTERPROFESSIONAL RELATIONS/ JURISPRUDENCE/ *PSORIASIS, drug therapy/ *QUACKERY
3533. **Peretz B, Estes J:** Histology and histochemistry of the peripheral neural plexus in the *Aplysia* gill. *J Neurobiol* 5:3-19, 1974
ACETYLCHOLINESTERASE, metabolism/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, metabolism/ DOPAMINE, metabolism/ *GILLS, innervation/ HISTOCYTOCHEMISTRY/ MICROSCOPY, FLUORESCENCE/ *MOLLUSCA, anatomy & histology/ MOLLUSCA, enzymology/ MOLLUSCA, metabolism/ MUSCLES, innervation/ *NERVOUS SYSTEM, anatomy & histology/ NERVOUS SYSTEM, cytology/ NERVOUS SYSTEM, enzymology/ NERVOUS SYSTEM, metabolism/ *NEURAL TRANSMISSION/ *NEUROHUMORS, metabolism/ NEUROMUSCULAR JUNCTION, metabolism/ SEROTONIN, metabolism/ SPINAL NERVES, anatomy & histology
3534. **Pérez Corral F, Díaz Recasens J, Ruiz Palomo F, et al:** Síndrome carcinoide. I. Histogénesis, patología general, clasificación y fisiología. *Rev Clin Esp* 132:1-10, 15 Jan 74 (Spa)
HUMAN/ INTESTINAL NEOPLASMS, classification/ INTESTINAL NEOPLASMS, metabolism/ *INTESTINAL NEOPLASMS, pathology/ INTESTINAL NEOPLASMS, physiopathology/ MALIGNANT CARCINOID SYNDROME, classification/ MALIGNANT CARCINOID SYNDROME, metabolism/ *MALIGNANT CARCINOID SYNDROME, pathology/ MALIGNANT CARCINOID SYNDROME, physiopathology/ REVIEW/ SEROTONIN, biosynthesis/ SEROTONIN, metabolism/ STOMACH NEOPLASMS, classification/ STOMACH NEOPLASMS, metabolism/ *STOMACH NEOPLASMS, pathology/ STOMACH NEOPLASMS, physiopathology/ TRYPTOPHAN, metabolism
3535. **Perli PD, Zingerman Lia, Vozniuk AG:** Ekskretsiia vanilli-mindal'noi kisloty pri postkommotsionnoi glipotonii. *Vrach Delo* 4:112-3, 1974 (Rus)
ADOLESCENCE/ ADRENAL GLANDS, physiopathology/ ADULT/ *BRAIN CONCUSSION, complications/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPOTENSION, etiology/ *HYPOTENSION, urine/ MALE/ MIDDLE AGE/ SYMPATHETIC NERVOUS SYSTEM, physiopathology/ *VANILMANDELIC ACID, urine
3536. **Perloff LJ, Light JA, Spees EK Jr:** Transplantation in the military. I. Guidelines for cadaver organ donation. *Am J Surg* 128:79-84, Jul 74
ADRENERGIC ALPHA RECEPTOR BLOCKADERS, therapeutic use/ BLOOD PRESSURE/ *CADAVER/ DEATH/ ETHICS, MEDICAL/ HUMAN/ ISCHEMIA/ KIDNEY, blood supply/ KIDNEY, physiology/ *KIDNEY, transplantation/ LEGISLATION, MEDICAL/ METHYLPREDNISOLONE/ *MILITARY MEDICINE/ RENAL ARTERY, physiopathology/ SOLUTIONS/ SPASM, prevention & control/ *TISSUE DONORS/ TISSUE PRESERVATION/ *TRANSPLANTATION, HOMOLOGOUS/ UNITED STATES/ URINE/ VASOMOTOR SYSTEM, drug effects
3537. **Perman V, Osborne CA, Stevens JB:** Laboratory evaluation of abnormal body fluids. *Vet Clin North Am* 4:255-68, May 74
ACUTE DISEASE/ ADENOCARCINOMA, veterinary/ ANIMAL EXPERIMENTS/ ASCITES, veterinary/ ASCITIC FLUID, cytology/ BACTERIAL INFECTIONS, veterinary/ *BODY FLUIDS, cytology/ *DOG DISEASES, pathology/ DOGS/ EPITHELIAL CELLS, cytology/ EXUDATES AND TRANSUDATES, cytology/ FEMALE/ GRANULOMA, veterinary/ HEART FAILURE, CONGESTIVE, veterinary/ INFLAMMATION/ LEUKOCYTES, cytology/ LYMPHOCYTES, cytology/ LYMPHOMA, veterinary/ MACROPHAGES, cytology/ MONOCYTES, cytology/ NEUTROPHILS, cytology/ OVARIAN NEOPLASMS, veterinary/ PHAGOCYTES, cytology/ RUPTURE/ THORACIC DUCT, injuries
3538. **Perpétuo FO:** Oftalmoplegia dolorosa. Relato de três casos.

AUTHOR SECTION

- Arq Neuropsiquiatr 32:56-60, Mar 74 (For)
ADOLESCENCE/ ADULT/ CAROTID
ARTERIES, pathology/ CAROTID ARTERIES,
radiography/ CEREBRAL ANGIOGRAPHY/
DEXAMETHASONE, therapeutic use/
DIAGNOSIS, DIFFERENTIAL/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ MALE/
OCULOMOTOR PARALYSIS, drug therapy/
*OCULOMOTOR PARALYSIS, pathology/
OCULOMOTOR PARALYSIS, radiography/
*PAIN/ PREDNISONE, therapeutic use
3539. Perrault M, Dry J: La thérapeutique en 1973.
Rev Prat 23:5221-2 passimas, 21 Dec 73 (Fre)
AGING/ ANGIONEUROTIC EDEMA, drug
therapy/ ASCORBIC ACID, therapeutic use/
CARCINOMA, BRONCHIOLAR, drug therapy/
COMMON COLD, drug therapy/ FOOD/
HEADACHE, drug therapy/ HORMONES,
therapeutic use/ HUMAN/ RESPIRATORY
INSUFFICIENCY, drug therapy/ SPECIAL
LIST FOREIGN/ THERAPEUTICS, history
3540. Perrottet C, Mach RS, Fabre J: Surdit , urticaire,
arthrites, hypogonadisme et insuffisance r nale. Le
syndrome de Muckle et Wells.
Praxis 63:651-9, 28 May 74 (Fre)
ADULT/ AMYLOIDOSIS, complications/
*ARTHRITIS, familial & genetic/ CASE
REPORT/ *DEAFNESS, familial & genetic/
ENGLISH ABSTRACT/ HUMAN/
*HYPOGONADISM, familial & genetic/
*KIDNEY FAILURE, ACUTE, etiology/ MALE/
SYNDROME/ *URTICARIA, familial & genetic
3541. Perryman EK: Fine structure of the secretory activity
of the pars intermedia of Rana pipiens.
Gen Comp Endocrinol 23:94-110, May 74
ADAPTATION, PHYSIOLOGICAL/ ANIMAL
EXPERIMENTS/ ANTERIOR CHAMBER,
surgery/ CYTOPLASMIC GRANULES/
ENDOPLASMIC RETICULUM/ FEMALE/
FROGS/ HYPOTHALAMUS, physiology/
MALE/ MICROSCOPY, ELECTRON/ MSH,
pharmacodynamics/ *MSH, secretion/
*NEUROSECRETORY SYSTEMS, cytology/
*PITUITARY GLAND, cytology/ PITUITARY
GLAND, secretion/ PITUITARY GLAND,
POSTERIOR, transplantation/ *RANA PIPIENS,
anatomy & histology
3542. Persellin RH, Vance SE, Peery A: Effect of pregnancy
serum on experimental inflammation.
Br J Exp Pathol 55:26-32, Feb 74
ADRENAL CORTEX HORMONES, blood/
ADRENAL CORTEX HORMONES,
pharmacodynamics/ ANIMAL EXPERIMENTS/
*ANTI-INFLAMMATORY AGENTS,
pharmacodynamics/ *BLOOD/ CARRAGEENAN/
DOSE-RESPONSE RELATIONSHIP, DRUG/
FEMALE/ HUMAN/ HYDROCORTISONE,
blood/ HYDROCORTISONE, pharmacodynamics/
INFLAMMATION, chemically induced/
*INFLAMMATION, prevention & control/
MALE/ METHYLPREDNISOLONE, blood/
METHYLPREDNISOLONE, pharmacodynamics/
*PREGNANCY/ TIME FACTORS/ UMBILICAL
CORD
3543. Perslaninov LS, Bogoyavlenskaja NV: Znachenie
biokhimicheskikh izmeneniy v platsente v patologii
sokratitel'noy delatel'nosti matki.
Aktuel Probl Klin Biochem 49:6-12, Jul 73 (Rus)
BIOGENIC AMINES, metabolism/ DNA,
metabolism/ ENGLISH ABSTRACT/ FEMALE/
HUMAN/ LABOR/ LABOR COMPLICATIONS,
metabolism/ *PLACENTA, metabolism/
POLYAMINES, metabolism/ PREGNANCY/
RNA, metabolism/ SPECTROPHOTOMETRY/
*UTERINE DISEASES, metabolism
3544. Pescetto G: La contracc zione ormonale con
estrogeni associati.
Minerva Ginecol 26:176-9, Mar 74 (Ita)
CARBOHYDRATES, metabolism/
*CONTRACEPTIVES, ORAL, adverse effects/
*ESTROGENS, adverse effects/ FEMALE/
HUMAN/ LIBIDO, drug effects/ LIPIDS,
metabolism/ *PROGESTATIONAL HORMONES,
adverse effects/ SLEEP DISORDERS,
chemically induced/ VERTIGO, chemically
induced
3545. Pessina AC, Corgnati A, Dai Pat  C: Rapporto
sodio-potassio fecali e potenziale elettrico del colon
nello screening dell'iperaldosteronismo.
G Ital Cardiol 4:167-72, 1974 (Ita)
*COLON, physiopathology/ ENGLISH
ABSTRACT/ *FECEs, analysis/ HUMAN/
HYPERALDOSTERONISM, complications/
*HYPERALDOSTERONISM, diagnosis/
HYPERTENSION, complications/
HYPERTENSION, drug therapy/ *MEMBRANE
POTENTIALS, drug effects/ *POTASSIUM,
analysis/ *SODIUM, analysis/
SPIRONOLACTONE, pharmacodynamics/
SPIRONOLACTONE, therapeutic use
3546. Peter S, Lazar J, Gross F: Untersuchungen der
juxtaglomerul ren Zellen bei adrenaletomierten
Ratten.
Verh Anat Ges 67:161-7, 1972 (Ger)
*ADRENALECTOMY/ ANIMAL
EXPERIMENTS/ ENDOPLASMIC RETICULUM/
ENGLISH ABSTRACT/ GOLGI APPARATUS/
*JUXTAGLOMERULAR APPARATUS,
pathology/ RATS
3547. Peters H, Clarke JR: The development of the ovary
from birth to maturity in the bank vole
(Clethrionomys glareolus) and the vole (Microtus
agrestis). Anat Rec 179:241-52, Jun 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
ANIMALS, NEWBORN/ AUTORADIOGRAPHY/
CORPUS LUTEUM, cytology/ FEMALE/ GERM
CELLS/ GRAAFIAN FOLLICLE, growth &
development/ OVARY, cytology/ *OVARY,
growth & development/ *RODENTS, anatomy
& histology/ SPECIES SPECIFICITY/
THYMIDINE/ TRITIUM
3548. Peters HD, Karzel K, Padberg D, et al: Influence of
prostaglandin E1 on cyclic 3',5'-AMP levels and
glycosaminoglycan secretion of fibroblasts cultured
in vitro. Pol J Pharmacol Pharm 26:41-9, Jan-Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
analysis/ *ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ANIMAL
EXPERIMENTS/ CELLS, CULTURED/
DIBUTYRYL CYCLIC AMP/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ *FIBROBLASTS, drug
effects/ FIBROBLASTS, secretion/ IN VITRO/
*MUCOPOLYSACCHARIDES, secretion/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics/
PROTEIN BINDING/ TRITIUM/ TRYPSIN,
pharmacodynamics
3549. Peters RH: Effects of ventromedial hypothalamic
lesions on restricted feeding behavior in rats.
Physiol Behav 12:761-6, May 74
ANIMAL EXPERIMENTS/ APPETITE
REGULATION/ BODY WEIGHT/ *EATING/
*FEEDING BEHAVIOR/ FEMALE/ *FOOD/
HUNGER/ *HYPOTHALAMUS, physiology/
MODELS, NEUROLOGIC/ NEURONS,
physiology/ SATIATION/ SEX FACTORS
3550. Peters WJ, Jackson RW: Reaction of bone to implanted
materials. Oral Sci Rev 5:56-67, 1974 (73 ref.)
ACRYLIC RESINS, therapeutic use/ *BONE
AND BONES, anatomy & histology/ BONE
AND BONES, injuries/ CARBON, therapeutic
use/ CERAMICS/ *DENTAL IMPLANTATION/
METALS, therapeutic use/
METHYLMETHACRYLATE, therapeutic use/
*ORTHOPEDIC FIXATION DEVICES/
POLYCARBOXYLATE CEMENT, therapeutic
use/ POLYTETRAFLUOROETHYLENE,
therapeutic use/ REVIEW/ SILICONES,
therapeutic use
3551. Peterson HD, Burt GB Jr: The role of steroids in
prevention of circumferential capsular scarring in
augmentation mammoplasty.
Plast Reconstr Surg 54:28-30, Jul 74
ADOLESCENCE/ ADULT/ *BREAST, surgery/
*CICATRIX, prevention & control/
EVALUATION STUDIES/ FEMALE/ HUMAN/

AUTHOR SECTION

- PROSTHESIS/ SURGERY, PLASTIC/
*TRIAMCINOLONE, therapeutic use
3552. Peterson L, Goldie I, Lindell D: The arterial supply of the talus. *Acta Orthop Scand* 45:260-70, 1974
ANGIOGRAPHY/ *ARTERIES, anatomy & histology/ BONE AND BONES, blood supply/ BONE MARROW, blood supply/ CONTRAST MEDIA/ FEMALE/ FOOT, blood supply/ HUMAN/ MALE/ REGIONAL BLOOD FLOW/ *TALUS, blood supply
3553. Petrack B, Ma D, Sheppy F: Formation of a novel nucleotide by fat cell preparations containing adenylate cyclase. *J Biol Chem* 249:3661-3, 10 Jun 74
*ADENINE NUCLEOTIDES, biosynthesis/ ADENOSINE MONOPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ *ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, metabolism/ ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ EPIDIDYMIS/ GLYCERIN, administration & dosage/ GLYCERIN, metabolism/ GLYCERIN, pharmacodynamics/ MALE/ PHOSPHODIESTERASES, pharmacodynamics/ PHOSPHORUS RADIOISOTOPES/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP
3554. Petrea I, Gardner WU: Fine structure of pituitary tumors and transplants in mice: effects on the prostate. *Int J Cancer* 11:40-57, 15 Jan 73
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ C-TYPE VIRUSES/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ FEMALE/ INCLUSION BODIES, VIRAL/ MALE/ MAMMAE, pathology/ MICE/ MICROSCOPY, ELECTRON/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL/ ONCOGENIC VIRUSES/ PITUITARY GLAND, pathology/ PITUITARY GLAND, secretion/ *PITUITARY GLAND, transplantation/ *PITUITARY NEOPLASMS, pathology/ PROLINE, diagnostic use/ *PROSTATE, pathology/ PROSTATIC HYPERTROPHY, pathology/ RNA VIRUSES/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ TRITIUM
3555. Petrov MN, Oksenkru G: Soderzhanie serotoninina v trombocitakh u bol'nykh lefkozami. *Probl Gematol Pereliv Krovi* 19:36-8, 1974 (Rus)
ACUTE DISEASE/ *BLOOD PLATELETS, analysis/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ *LEUKEMIA, blood/ LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, MYELOCYTIC, blood/ MYELOFIBROSIS, blood/ POLYCYTHEMIA, blood/ *SEROTONIN, blood
3556. Petrović VM, Janić V, Gripts D, et al: Seasonal changes in phenylethanolamine-N-methyl transferase and monoamine oxidase activity in the ground squirrel (*Citellus citellus*). *Comp Biochem Physiol [A]* 48:127-31, 1 May 74
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE/ CARBON RADIOISOTOPES/ COMPARATIVE STUDY/ HYPOTHALAMUS, enzymology/ KIDNEY, enzymology/ LIVER, enzymology/ MALE/ *MONOAMINE OXIDASE, metabolism/ MYOCARDIUM, enzymology/ ORGAN SPECIFICITY/ ORGAN WEIGHT/ *PHENETHANOLAMINE N-METHYLTRANSFERASE, metabolism/ *SEASONS/ *SQUIRRELS, metabolism/ TEMPERATURE/ TIME FACTORS/ TRYPTAMINES
3557. Petrovich IuA, Podorozhnaia RP: Obmen mechenogo selena v pecheni, pochkakh, kostiakh i drugikh organakh belykh kryss raznogo vozrasta. *Zh Evol Biokhim Fiziol* 10:309-11, May 74 (Rus)
AGE FACTORS/ ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ ENGLISH ABSTRACT/ INCISOR, metabolism/ JAW, metabolism/ *KIDNEY, metabolism/ *LIVER, metabolism/ MOLAR, metabolism/
- RADIOISOTOPES/ *SELENIUM, metabolism/ TOOTH ROOT, metabolism
3558. Peyron C, Simon C: Gel chromatography of thyroidal iodo-compounds on sephadex G-10. Separation of iodopeptides, iodine, 3-moniodotyrosine, 3,5-diiodotyrosine and iodothyronines. *J Chromatogr* 92:309-21, 22 May 74
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ *IODIDES, analysis/ IODINE, analysis/ IODINE RADIOISOTOPES/ *IODOTYROSINE, analysis/ ISOTOPE LABELING/ MALE/ PEPTIDES, analysis/ PROTEIN-BOUND IODINE TEST/ PROTEIN HYDROLYSATES, analysis/ *THYROID HORMONES, analysis/ *THYRONINE, analysis/ TRIIODOTHYRONINE, analysis
3559. Pfeifle J, Koch H, Grabensee B, et al: Monströse tumorartige Veränderungen des Gesichtsschädels bei sekundärem Hyperparathyroidismus. *Dtsch Med Wochenschr* 99:389-91, 1 Mar 74 (Ger)
ADENOMA, etiology/ ADULT/ BONE NEOPLASMS, pathology/ CALCIUM, blood/ CASE REPORT/ ENGLISH ABSTRACT/ FIBROBLASTS/ FIBROUS DYSPLASIA OF BONE, diagnosis/ HUMAN/ *HYPERPARATHYROIDISM, SECONDARY, etiology/ HYPERPARATHYROIDISM, SECONDARY, pathology/ KIDNEY, abnormalities/ *KIDNEY FAILURE, CHRONIC, complications/ MALE/ *MAXILLARY NEOPLASMS, diagnosis/ MAXILLARY NEOPLASMS, pathology/ OSTEOMALACIA, etiology/ PARATHYROID HORMONE, blood/ PARATHYROID NEOPLASMS, etiology/ PYELONEPHRITIS, complications/ *RENAL OSTEODYSTROPHY, etiology/ UREMIA, complications
3560. Pharmakiotis AD, Alexander WD: Repeated administration of 35S-methimazole: pattern of accumulation and oxidation by the rat thyroid. *Endocrinology* 94:1508-13, Jun 74
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ DIET/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ IODINE, pharmacodynamics/ METHIMAZOLE, administration & dosage/ METHIMAZOLE, blood/ *METHIMAZOLE, metabolism/ RATS/ SULFATES, metabolism/ SULFUR RADIOISOTOPES/ *THYROID GLAND, metabolism
3561. Phelps D, Sonstegard DA, Matthews LS: Corticosteroid injection effects on the biomechanical properties of rabbit patellar tendons. *Clin Orthop* 100:345-8, May 74
ANIMAL EXPERIMENTS/ BIOMECHANICS/ ELASTICITY/ METHYLPREDNISOLONE, administration & dosage/ *METHYLPREDNISOLONE, toxicity/ MODELS, BIOLOGICAL/ *PATELLA, drug effects/ RUPTURE, chemically induced/ *TENDONS, PARA-ARTICULAR, drug effects/ TENDONS, PARA-ARTICULAR, injuries
3562. Philipp T, Just HJ, Philippi A, et al: Kreislaufreflexe bei primärem Aldosteronismus. *Verh Dtsch Ges Inn Med* 79:784-6, 1973 (Ger)
AUTONOMIC NERVOUS SYSTEM, physiopathology/ *CARDIOVASCULAR SYSTEM, physiopathology/ HUMAN/ *HYPERALDOSTERONISM, physiopathology/ NOREPINEPHRINE, pharmacodynamics/ *REFLEX/ TYRAMINE, pharmacodynamics
3563. Philipp T, Nast HP: Hypertensive Notfälle. *Internist (Berlin)* 15:165-9, Mar 74 (Ger)
BRAIN EDEMA, drug therapy/ CLONIDINE, therapeutic use/ DIAZOXIDE, therapeutic use/ DIGITALIS GLYCOSIDES, therapeutic use/ DIURETICS, therapeutic use/ DRUG COMBINATIONS/ *EMERGENCIES/ FERRICYANIDES, therapeutic use/ GANGLIONIC BLOCKADERS, therapeutic use/ GUANETHIDINE, therapeutic use/ HUMAN/ HYDRALAZINE, therapeutic use/ *HYPERTENSION, drug therapy/

AUTHOR SECTION

- HYPERTENSION, MALIGNANT, drug therapy/
HYPNOTICS AND SEDATIVES, therapeutic
use/ INTENSIVE CARE UNITS/
IPROVERATRIL, therapeutic use/
METHYLDOPA, therapeutic use/ MINOXIDIL,
therapeutic use/ NITRIC OXIDE, therapeutic
use/ PHEOCHROMOCYTOMA, drug therapy/
RESERPINE, therapeutic use
3564. Philippu A, Glowinski J, Besson MJ: In vivo release of
newly synthesized catecholamines from the
hypothalamus by amphetamine.
Naunyn-Schmiedeberg's Arch Pharmacol 282:1-8, 1974
ACETYLATION/ ANIMAL EXPERIMENTS/
CATECHOLAMINES, biosynthesis/
*CATECHOLAMINES, metabolism/
CHROMATOGRAPHY, ION EXCHANGE/
CHROMATOGRAPHY, PAPER/ DEXTRO
AMPHETAMINE, administration & dosage/
*DEXTRO AMPHETAMINE, pharmacodynamics/
DOPAMINE, metabolism/ HYPOTHALAMUS,
drug effects/ *HYPOTHALAMUS, metabolism/
NOREPINEPHRINE, metabolism/ PERFUSION/
STIMULATION, CHEMICAL/ TIME FACTORS/
TRITIUM/ TYROSINE, metabolism
3565. Phillips SR, Durden DA, Boulton AA: Identification and
distribution of p-tyramine in the rat.
Can J Biochem 52:366-73, May 74
ANIMAL EXPERIMENTS/ *BRAIN
CHEMISTRY/ BRAIN STEM, analysis/
CAUDATE NUCLEUS, analysis/ CEREBELLUM,
analysis/ CHROMATOGRAPHY, ION
EXCHANGE/ CHROMATOGRAPHY, THIN
LAYER/ DANSYL COMPOUNDS/
DEUTERIUM/ EVALUATION STUDIES/
HYPOTHALAMUS, analysis/ *KIDNEY,
analysis/ *LIVER, analysis/ *LUNG, analysis/
MALE/ METHODS/ *MYOCARDIUM, analysis/
ORGAN SPECIFICITY/
SPECTROPHOTOMETRY/ SPECTRUM
ANALYSIS, MASS/ *SPLEEN, analysis/
*TYRAMINE, analysis
3566. Phillips GT, Ross FP: Stereochemistry of
C-1,2-dehydrogenation during cholesterol
degradation by Mycobacterium phlei.
Eur J Biochem 44:603-10, 15 May 74
ANDROSTENES, metabolism/ ANIMAL
EXPERIMENTS/ CHOLESTEROL, biosynthesis/
*CHOLESTEROL, metabolism/ ISOTOPE
LABELING/ 17-KETOSTEROIDS, metabolism/
KETOSTEROIDS, metabolism/ LIVER,
enzymology/ MEVALONIC ACID, metabolism/
*MYCOBACTERIUM, metabolism/
OXIDATION-REDUCTION/ SQUALENE,
biosynthesis/ STEREOISOMERS/ TRITIUM
3567. Phillips JC, Easterly JF, Langston JW: Contrast
enhancement of pelvic-abdominal masses: the rim
sign. Radiology 112:17-21, Jul 74
*ABDOMINAL NEOPLASMS, radiography/
ABSCESS, radiography/ ADENOFIBROMA,
radiography/ ADULT/ DIATRIZOATE,
diagnostic use/ EVALUATION STUDIES/
FEMALE/ HUMAN/
HYSTEROSALPINGOGRAPHY/ LEIOMYOMA,
radiography/ OVARIAN CYSTS, radiography/
OVARIAN DISEASES, radiography/ OVARIAN
NEOPLASMS, radiography/ *PELVIC
NEOPLASMS, radiography/ *RADIOGRAPHIC
IMAGE ENHANCEMENT/ TERATOID TUMOR,
radiography/ *UROGRAPHY/ UTERINE
DISEASES, radiography/ UTERINE
NEOPLASMS, radiography
3568. Phillips LL, Mohajer-Shojai E, Dillon TF: Coagulation
studies during second-trimester abortions induced by
PGF₂alpha. Am J Obstet Gynecol 119:577-82, 1 Jul 74
*ABORTION, INDUCED/ AMNION/ BLOOD
CELL COUNT/ *BLOOD COAGULATION, drug
effects/ BLOOD COAGULATION FACTORS,
isolation & purification/ BLOOD
COAGULATION TESTS/ BLOOD PLATELETS/
COMPARATIVE STUDY/ FEMALE/
FIBRINOGEN, analysis/ FIBRINOLYSIS/
GESTATIONAL AGE/ HUMAN/ HYPERTONIC
SOLUTIONS/ PROSTAGLANDINS,
administration & dosage/ *PROSTAGLANDINS,
pharmacodynamics/ TIME FACTORS
3569. Phoenix CH: Effects of dihydrotestosterone on sexual
behavior of castrated male rhesus monkeys.
Physiol Behav 12:1045-55, Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/
EJACULATION, drug effects/ *MACACA,
physiology/ MALE/ MONKEYS/ *SEX
BEHAVIOR, ANIMAL, drug effects/ SEX
FACTORS/ *STANOLONE, pharmacodynamics/
*TESTIS, physiology
3570. Pichimaier H: Chirurgie beim Hochdruck.
Munch Med Wochenschr 118:629-32, 22 Mar 74 (Ger)
ADRENAL GLAND NEOPLASMS, surgery/
ENGLISH ABSTRACT/ GUANETHIDINE,
therapeutic use/ HUMAN/ HYDRALAZINE,
therapeutic use/ *HYPERTENSION,
complications/ HYPERTENSION, drug therapy/
METHYLDOPA, therapeutic use/
PHEOCHROMOCYTOMA, surgery/
*PREOPERATIVE CARE/ RENAL ARTERY
OBSTRUCTION, surgery/ RESERPINE,
therapeutic use/ *SURGERY, OPERATIVE/
WATER-ELECTROLYTE BALANCE
3571. Pickel VM, Segal M, Bloom FE: A radioautographic
study of the efferent pathways of the nucleus locus
coeruleus. J Comp Neurol 155:15-42, 1 May 74
AMYGDALOID BODY, anatomy & histology/
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ CEREBELLAR
CORTEX, anatomy & histology/ *CEREBRAL
VENTRICLES, anatomy & histology/ GYRUS
CINGULI, anatomy & histology/
HIPPOCAMPUS, anatomy & histology/
HYPOTHALAMUS, anatomy & histology/
LIMBIC SYSTEM, anatomy & histology/
NEURAL INTERCONNECTIONS/ NEURONS,
Efferent/ PROLINE/ RATS, anatomy &
histology/ TRITIUM
3572. Pidemski EL, Afonina TD: O villanii nekotorykh
protivovospalitel'nykh preparatov na sodержanie
poli mukosakharidov v krovi i gomogenatakh pecheni.
Patol Fiziol Eksp Ter 14:74-6, Sep-Oct 74 (Rus)
ADRENAL GLANDS, physiology/
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
*ANTI-INFLAMMATORY AGENTS,
pharmacodynamics/ *LIVER, drug effects/
LIVER, metabolism/
*MUCOPOLYSACCHARIDES, blood/
PREGNANCY
3573. Pidevich IN, Kucherova NF: O zavisimosti mezhdu
stroeniem i T-antiserotoninnoy aktivnost'iu
nekotorykh proizvodnykh indola.
Farmakol Toksikol 36:214-7, Mar-Apr 73 (Rus)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE,
drug effects/ CATS/ CHEMISTRY/
DEPRESSION, CHEMICAL/ ENGLISH
ABSTRACT/ *GLYCERYL TRINITRATE,
pharmacodynamics/ *HEART RATE, drug
effects/ INDOLES/ SEROTONIN/
SEROTONIN, antagonists & inhibitors
3574. Pidot AL, Maurer LH, McIntyre OR: Leukocyte
interferon production, RNA synthesis, and PHA
response in patients with infectious mononucleosis.
Blood 42:175-85, Aug 73
CELLS, CULTURED/ FEMALE/ HUMAN/
*INFECTIOUS MONONUCLEOSIS, blood/
INFECTIOUS MONONUCLEOSIS,
drug therapy/ *INTERFERON, biosynthesis/
INTERFERON, blood/ LEUKOCYTES, drug
effects/ *LEUKOCYTES, metabolism/
LYMPHOCYTE TRANSFORMATION/ MALE/
METHYLPREDNISOLONE, therapeutic use/
NEWCASTLE DISEASE VIRUS/ *PLANT
AGGLUTININS/ *RNA, biosynthesis/ TIME
FACTORS/ TRITIUM/ URIDINE, metabolism
3575. Pieczko-Kuduk I, Kowal E, Hryszko S: Odczyn
komorkowy u chorych z nadczynnoscia tarczycy w
ognisku zapalnym badanym testem okienka skornego.
Pol Tyg Lek 29:885-6, 27 May 74 (Pol)
CHEMOTAXIS/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ *HYPERTHYROIDISM,
pathology/ INFLAMMATION/ MALE/ SKIN,
cytology/ *SKIN, pathology/ SKIN WINDOW
TECHNIC

AUTHOR SECTION

3576. Pietrek J: Metabolizm i mechanizm działania witaminy. Pol Arch Med Wewn 51:425-32, Apr 74 (20 ref.) (Pol)
CHOLECALCIFEROL, biosynthesis/
CHOLECALCIFEROL, metabolism/
CHOLECALCIFEROL, radiation effects/
CHOLECALCIFEROL, therapeutic use/ DRUG
HYPERSENSITIVITY/ DRUG RESISTANCE/
FEEDBACK/ HUMAN/ KIDNEY, metabolism/
RADIATION EFFECTS/ REVIEW/
ULTRAVIOLET RAYS/ *VITAMIN D/
VITAMIN D, metabolism/ VITAMIN D,
physiology
3577. Pildes RS, Cornblath M, Warren I, et al: A prospective controlled study of neonatal hypoglycemia. Pediatrics 54:5-14, Jul 74
BIRTH WEIGHT/ BODY HEIGHT/ BODY
WEIGHT/ CONVULSIONS, etiology/
CORTICOTROPIN, therapeutic use/
ELECTROENCEPHALOGRAPHY/ FEMALE/
FOLLOW-UP STUDIES/ GLUCOSE, therapeutic
use/ HEAD, pathology/ HUMAN/
HYDROCORTISONE, therapeutic use/
*HYPOGLYCEMIA, complications/
HYPOGLYCEMIA, drug therapy/ *INFANT,
NEWBORN, DISEASES, complications/
INFANT, NEWBORN, DISEASES,
drug therapy/ INFANT, PREMATURE/
INTELLIGENCE/ INTELLIGENCE TESTS/
MALE/ NEUROLOGIC EXAMINATION/
PROSPECTIVE STUDIES/ RECURRENCE/
SOCIOECONOMIC FACTORS/ STEROIDS,
therapeutic use
3578. Pilikis SJ, Exton JH, Johnson RA, et al: Effects of glucagon on cyclic AMP and carbohydrate metabolism in livers from diabetic rats. Biochim Biophys Acta 343:250-67, 20 Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ADENYL
CYCLASE, metabolism/ *ALLOXAN
DIABETES, metabolism/ ANIMAL
EXPERIMENTS/ CALCIUM, pharmacodynamics/
*CARBOHYDRATES, metabolism/ CELL
MEMBRANE, enzymology/ DIABETES
MELLITUS, chem synthesis/ *DIABETES
MELLITUS, metabolism/ *GLUCAGON,
pharmacodynamics/ GUANOSINE
TRIPHOSPHATE, pharmacodynamics/
KINETICS/ LIVER, cytology/ LIVER, drug
effects/ LIVER, enzymology/ *LIVER,
metabolism/ LIVER, pathology/ MAGNESIUM,
pharmacodynamics/ MALE/ OUABAIN,
pharmacodynamics/ PHOSPHODIESTERASES,
metabolism/ RATS/ STREPTOZOTOCIN/
THEOPHYLLINE, pharmacodynamics
3579. Pilikis SJ, Johnson RA: Detergent dispersion of adenylate cyclase from partially purified rat liver plasma membranes. Biochim Biophys Acta 341:388-95, 25 Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
*ADENYL CYCLASE, isolation & purification/
ADENYL CYCLASE, metabolism/ CELL
MEMBRANE, drug effects/ CELL MEMBRANE,
enzymology/ CENTRIFUGATION, DENSITY
GRADIENT/ CHROMATOGRAPHY, ION
EXCHANGE/ COMPARATIVE STUDY/
DEOXYCHOLIC ACID, pharmacodynamics/
*DETERGENTS, pharmacodynamics/ DRUG
STABILITY/ FLUORIDES, pharmacodynamics/
HEAT/ HUMAN/ KINETICS/ LIVER, cytology/
*LIVER, enzymology/ MAGNESIUM,
pharmacodynamics/ MANGANESE,
pharmacodynamics/ RADIOLIGAND ASSAY/
SODIUM DODECYL SULFATE,
pharmacodynamics/ SURFACE-ACTIVE
AGENTS, pharmacodynamics/ TIME FACTORS/
TRITIUM
3580. Pilitz J, Pietkiewicz D: Mięsak siałeczkowy kości z przerzutami do narządu rodowego. Ginekol Pol 45:475-9, Apr 74 (Pol)
ADULT/ *DNA, NEOPLASM/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ NEOPLASM
METASTASIS/ *OVARIAN NEOPLASMS/
OVARIAN NEOPLASMS, pathology/ PELVIC
BONES/ *SARCOMA, RETICULUM CELL/
*VAGINAL NEOPLASMS
3581. Pinel JP, Phillips AG, Deol G: Effects of current intensity on kindled motor seizure activity in rats. Behav Biol 11:59-68, May 74
*AMYGDALOID BODY, physiology/ ANIMAL
EXPERIMENTS/ *CONVULSIONS/ *ELECTRIC
STIMULATION/ ELECTRODES, IMPLANTED/
ELECTROENCEPHALOGRAPHY/ EVOKED
POTENTIALS/ MALE/ MODELS,
BIOLOGICAL/ RATS/ STEREOTAXIC
TECHNIQS
3582. Pinelli A, Capuano A: ALA synthetase induction. Inhibitory effect exerted by administration of dibutyryl adenosine-3',5'-cyclic monophosphate, theophylline and caffeine. Enzyme 16:203-10, 1973
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ADENOSINE MONOPHOSPHATE,
pharmacodynamics/ *AMINOLEVULINIC ACID
SYNTHETASE, biosynthesis/
AMINOLEVULINIC ACID SYNTHETASE,
metabolism/ ANIMAL EXPERIMENTS/
*CAFFEINE, pharmacodynamics/
COMPARATIVE STUDY/ DEPRESSION,
CHEMICAL/ *DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ ENZYME INDUCTION/
FEMALE/ LEVULINIC ACID,
pharmacodynamics/ LIVER, drug effects/
*LIVER, enzymology/ RATS/
*THEOPHYLLINE, pharmacodynamics/ TIME
FACTORS
3583. Pinggera WF: Die Funktion renaler Homotransplantate unter intravenösen Steroidgaben. Wien Z Inn Med 54:234-47, 1973 (Ger)
ADOLESCENCE/ ADULT/ AMINOHIPPURIC
ACID, metabolism/ CREATININE, metabolism/
ENGLISH ABSTRACT/ FEMALE/ GRAFT
REJECTION, drug effects/ GRAFT VS HOST
REACTION, drug effects/ HUMAN/
INJECTIONS, INTRAVENOUS/ INULIN,
metabolism/ *KIDNEY, transplantation/
KIDNEY FUNCTION TESTS/ MALE/
*PREDNISOLONE, administration & dosage/
PREDNISOLONE, pharmacodynamics/ TIME
FACTORS/ TRANSPLANTATION,
HOMOLOGOUS
3584. Pinkey B: Psychiatric complications of everyday drugs. Nurs Times 70:756-7, 16 May 74
ANTI-DEPRESSIVE AGENTS, adverse effects/
ANTI-INFECTION AGENTS, adverse effects/
AUTONOMIC DRUGS, adverse effects/
DIGITALIS, adverse effects/ *DRUG
THERAPY, adverse effects/ HUMAN/
HYPNOTICS AND SEDATIVES, adverse
effects/ *MENTAL DISORDERS, chemically
induced/ MYOCARDIAL DEPRESSANTS,
adverse effects/ STEROIDS, adverse effects
3585. Piper PJ: Release and metabolism of prostaglandins in lung tissue. Pol J Pharmacol Pharm 26:61-72, Jan-Apr 74
ANAPHYLAXIS, metabolism/ ANIMAL
EXPERIMENTS/ ANTIGENS, FUNGAL/
ARACHIDONIC ACID, pharmacodynamics/
BRADYKININ, pharmacodynamics/
CHROMATOGRAPHY, THIN LAYER/
HISTAMINE, pharmacodynamics/ HUMAN/
IMMUNIZATION/ LINOLENIC ACID,
pharmacodynamics/ LUNG, enzymology/ LUNG,
immunology/ *LUNG, metabolism/ LUNG,
secretion/ NAD/ OVALBUMIN/ PERFUSION/
PROSTAGLANDINS, antagonists & inhibitors/
*PROSTAGLANDINS, metabolism/
PROSTAGLANDINS, secretion/ SRS-A,
pharmacodynamics/ TOXINS,
pharmacodynamics/ TRITIUM
3586. Pipkin FB, Lumbers ER, Mott JC: Proceedings: Effects of hypoxia on maternal and foetal renin and angiotensin II in sheep. J Physiol (Lond) 238:67P-68P, Apr 74
*ANGIOTENSIN II, blood/ ANIMAL
EXPERIMENTS/ *ANOXIA, blood/ FETUS,
metabolism/ *PREGNANCY, ANIMAL/
RENIN, blood/ SHEEP
3587. Pittman FE, Westphal MC: Optic atrophy following treatment with diiodohydroxyquin. Pediatrics 54:81-3, Jul 74

AUTHOR SECTION

- BETAMETHASONE, therapeutic use/ COLITIS, complications/ DIARRHEA, drug therapy/ DIARRHEA, etiology/ *DIODOHYDROXYQUIN, adverse effects/ DIODOHYDROXYQUIN, therapeutic use/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ HYDROCORTISONE, therapeutic use/ HYPOPROTEINEMIA, drug therapy/ HYPOPROTEINEMIA, etiology/ MALE/ *OPTIC ATROPHY, chemically induced/ OPTIC ATROPHY, drug therapy/ PYRIDOXINE, therapeutic use/ RECTAL DISEASES, drug therapy/ RECTAL DISEASES, etiology/ THIAMINE, therapeutic use
3588. Pivnitskiĭ KK, Kolesnikova GS: Identifikatsia gidroksilirovannykh proizvodnykh pregnenolona, sintezirovannykh v mitokhondriakh nadpochechnikov svineĭ.
Vopr Med Khim 20:314-8, May 74 (Rus)
ACETYLATION/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CHROMATES, metabolism/ CHROMATOGRAPHY, PAPER/ COLORIMETRY/ ENGLISH ABSTRACT/ HYDROLYSIS/ HYDROXYPREGNENOLONE, biosynthesis/ HYDROXYPREGNENOLONE, metabolism/ IN VITRO/ METHODS/ *MITOCHONDRIA, metabolism/ OKIDATION-REDUCTION/ *PREGNENOLONE, analysis/ PREGNENOLONE, biosynthesis/ STEROIDS, analysis/ SWINE
3589. Plaetsen L van der, Thiery M, Amy JJ, et al: Letter: Effect of prostaglandin E2 therapy on the cerebral cortex. Lancet 1:1226, 15 Jun 74
ABORTION, INDUCED/ AMNIOTIC FLUID/ *CEREBRAL CORTEX, drug effects/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ MALE/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, therapeutic use/ TIME FACTORS
3590. Planas J: The serum ferroxidase activity and the iron mobilization by estrogens.
Rev Esp Fisiol 29:293-9, Dec 73
AGE FACTORS/ ANIMAL EXPERIMENTS/ BENZOATES/ *CERULOPLASMIN, analysis/ CHICKENS/ COMPARATIVE STUDY/ COPPER, blood/ *DIETHYLSTILBESTROL, pharmacodynamics/ ENZYME INDUCTION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GONADOTROPINS, pharmacodynamics/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ *IRON, blood/ MALE
3591. Plancher AS, Merlo F, Modena G, et al: "Il cuore da mixedema": studio poligrafico di base e dopo trattamento per 2-5 mesi con D-tiroxina.
Cardiol Prat 24:407-17, Oct-Dec 73 (Ita)
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HEART, drug effects/ *HEART, physiopathology/ HUMAN/ MALE/ MIDDLE AGE/ *MYXEDEMA, drug therapy/ MYXEDEMA, physiopathology/ THYROXINE, pharmacodynamics/ *THYROXINE, therapeutic use/ TIME FACTORS
3592. Plas C, Chapeville F, Jacquot R: Development of glycogen storage ability under cortisol control in primary cultures of rat fetal hepatocytes.
Dev Biol 32:82-91, May 73
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CELL DIVISION/ CELLS, CULTURED/ CULTURE MEDIA/ GLUCOSE, metabolism/ *GLYCOGEN, metabolism/ GLYCOGEN SYNTHETASE, metabolism/ *HYDROCORTISONE, pharmacodynamics/ HYDROCORTISONE, physiology/ IN VITRO/ *LIVER, embryology/ LIVER, enzymology/ LIVER, metabolism/ RATS
3593. Platt H: Etiological aspects of perinatal mortality in the Thoroughbred. Equine Vet J 5:116-20, Jul 73
ABNORMALITIES, MULTIPLE, veterinary/ ACTINOBACILLUS INFECTIONS, veterinary/ ANIMAL EXPERIMENTS/ BIRTH INJURIES, veterinary/ DIARRHEA, veterinary/ ESCHERICHIA COLI INFECTIONS, veterinary/ FEMALE/ FETAL DEATH, veterinary/ *HORSE DISEASES, mortality/ HORSES/ INTUSSUSCEPTION, veterinary/ MALE/ MESENTERIC ARTERIES/ MESENTERIC VASCULAR OCCLUSION, veterinary/ PLACENTA DISORDERS, veterinary/ PREGNANCY/ PREGNANCY, MULTIPLE/ SALMONELLA INFECTIONS, ANIMAL, mortality/ STREPTOCOCCAL INFECTIONS, veterinary/ THROMBOSIS, veterinary
3594. Platt JE, Norris DO: The effect of ergocornine on melanophores of Ambystoma tigrinum: evidence for suppression of pituitary MSH release.
J Exp Zool 189:7-12, Jul 74
*AMBYSTOMA, physiology/ ANIMAL EXPERIMENTS/ *CHROMATOPHORES, drug effects/ CORTICOTROPIN, pharmacodynamics/ DARK ADAPTATION/ *ERGOLINES, pharmacodynamics/ ERGOT ALKALOIDS, administration & dosage/ INJECTIONS, INTRAPERITONEAL/ LARVA, physiology/ MELANIN/ *MSH, secretion/ *PITUITARY GLAND, drug effects/ PROLACTIN, pharmacodynamics
3595. Pletka P, Bernstein DS, Hampers CL, et al: Relationship between magnesium and secondary hyperparathyroidism during long-term hemodialysis.
Metabolism 23:619-30, Jul 74
CALCIUM, blood/ CLINICAL RESEARCH/ FEMALE/ *HEMODIALYSIS/ HUMAN/ HYPERPARATHYROIDISM, SECONDARY, etiology/ *HYPERPARATHYROIDISM, SECONDARY, metabolism/ KIDNEY FAILURE, CHRONIC, therapy/ MAGNESIUM, blood/ *MAGNESIUM, pharmacodynamics/ MALE/ PARATHYROID GLANDS, physiopathology/ PARATHYROID HORMONE, blood/ *PARATHYROID HORMONE, metabolism/ PRURITUS, etiology/ RENAL OSTEODYSTROPHY, etiology/ RENAL OSTEODYSTROPHY, metabolism
3596. Podoba J: K nedožitým 65. narozeninám Doc. MUDr. K. Šilinka, DrSc. Bratisl Lek Listy 60:650-1, 1973 (Cze)
CZECHOSLOVAKIA/ ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT.
3597. Podolsky S, Leopold NA: Biogenic amines in the hypothalamus: effect of L-DOPA on human growth hormone levels in patients with Huntington's chorea.
Prog Brain Res 39:225-35, 1973
*CHOREA, HEREDITARY, blood/ *DOPA, pharmacodynamics/ HUMAN/ MALE/ *SOMATOTROPIN, blood/ TIME FACTORS
3598. Podolsky S, Leopold NA: Growth hormone abnormalities in Huntington's chorea: effect of L-dopa administration.
J Clin Endocrinol Metab 39:36-9, Jul 74
*CHOREA, HEREDITARY, physiopathology/ DEPRESSION, CHEMICAL/ *DOPA, pharmacodynamics/ GLUCOSE TOLERANCE TEST/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ MALE/ *SOMATOTROPIN, blood
3599. Pohorecky LA: Effects of ethanol on central and peripheral noradrenergic neurons.
J Pharmacol Exp Ther 189:380-91, May 74
ADRENAL GLANDS, metabolism/ ALCOHOL, ETHYL, blood/ *ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY, drug effects/ BRAIN STEM, metabolism/ CATECHOLAMINES, metabolism/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ HYPOTHALAMUS, metabolism/ MALE/ *MYOCARDIUM, metabolism/ *NOREPINEPHRINE, metabolism/ RATS/ *SPLEEN, metabolism/ TIME FACTORS/ TRITIUM/ TYROSINE, metabolism
3600. Pokroy N, Epstein S, Hendricks S, et al: Thyrotrophin

AUTHOR SECTION

- response to intravenous thyrotrophin-releasing hormone in patients with hepatic and renal disease. *Horm Metab Res* 6:132-6, Mar 74
- ADULT/ AGED/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ COMPARATIVE STUDY/ CREATININE, blood/ CREATININE, urine/ FEMALE/ HUMAN/ KIDNEY, transplantation/ *KIDNEY FAILURE, CHRONIC, blood/ LACTATE DEHYDROGENASE, blood/ *LIVER DISEASES, blood/ MALE/ MIDDLE AGE/ SERUM ALBUMIN/ SERUM GLOBULINS, analysis/ *THYROTROPIN, blood/ *THYROTROPIN RELEASING HORMONE, pharmacodynamics/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ UREA, blood
3601. Polansky JR, Bennett TP: Alterations in physical parameters and proteins of lens from *Rana catesbeiana* during development. *Dev Biol* 33:380-402, Aug 73
- ANIMAL EXPERIMENTS/ CELLULOSE/ CRYSTALLINS, analysis/ *CRYSTALLINS, biosynthesis/ ELECTROPHORESIS/ FROGS/ LARVA, growth & development/ LENS, CRYSTALLINE, anatomy & histology/ *LENS, CRYSTALLINE, embryology/ LENS, CRYSTALLINE, metabolism/ *METAMORPHOSIS, BIOLOGICAL/ METAMORPHOSIS, BIOLOGICAL, drug effects/ ORGAN WEIGHT/ *RANA CATESBEIANA, embryology/ THYROXINE, pharmacodynamics
3602. Polenov AL, Gariolov PE: The hypothalamo-hypophyseal system in *Acipenseridae*. IV. The functional morphology of the neurohypophysis of *Acipenser guldenstädti* Brandt and *Acipenser stellatus* Pallas after exposure to different salinities. *Cell Tissue Res* 148:259-75, 11 Apr 74
- ANIMAL EXPERIMENTS/ CYTOPLASMIC GRANULES/ EPENDYMA, cytology/ FEMALE/ *FISHES, anatomy & histology/ FRESH WATER/ HYPERTONIC SOLUTIONS/ *HYPOTHALAMO-HYPOPHYSAL SYSTEM, cytology/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ MITOCHONDRIAL SWELLING/ MODELS, BIOLOGICAL/ NEUROSECRETION/ *PITUITARY GLAND, POSTERIOR, cytology/ SEX FACTORS/ *SODIUM CHLORIDE, pharmacodynamics/ SYNAPTIC VESICLES
3603. Foley JR: Chronic diarrhea in infants and children. II. *South Med J* 66:1133-41, Oct 73 (312 ref.)
- ACRODERMATITIS, complications/ ALKALOSIS, complications/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ COLITIS, ULCERATIVE, microbiology/ *DIARRHEA/ DIARRHEA, etiology/ *DIARRHEA, INFANTILE/ DIARRHEA, INFANTILE, etiology/ DIARRHEA, INFANTILE, microbiology/ DYSENTERY, BACILLARY, microbiology/ ENTERITIS, REGIONAL/ ESCHERICHIA COLI INFECTIONS/ FEMALE/ HODGKIN'S DISEASE, complications/ HUMAN/ HYPERPLASIA/ HYPERTHYROIDISM, complications/ IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ INFANT/ INTESTINAL NEOPLASMS, complications/ MALE/ MEGACOLON, complications/ NEOPLASMS, complications/ NERVOUS SYSTEM DISEASES, complications/ POTASSIUM, blood/ RECTAL DISEASES, complications/ REVIEW/ SALMONELLA INFECTIONS/ SEROTYPING/ THYROID NEOPLASMS, complications/ ZOLLINGER-ELLISON SYNDROME, complications
3604. Foley JR, Smith DJ, Thompson JB, et al: Alterations in the concentration of cholesterol in bile after administration of human growth hormone. *Pediatr Res* 8:710-4, Jul 74
- *BILE, metabolism/ BILE ACIDS AND SALTS, analysis/ CHOLESTEROL, analysis/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ FEMALE/ GROWTH DISORDERS, drug therapy/ HUMAN/ INTUBATION, GASTROINTESTINAL/ MALE/ PHOSPHOLIPIDS, analysis/ SOMATOTROPIN, administration & dosage/ *SOMATOTROPIN, pharmacodynamics/ SOMATOTROPIN, therapeutic use
3605. Poli E, Pulici S, Staudacher V, et al: Osservazioni su un caso di iperparatiroidismo primario, sottoposto a paratiroidectomia. *Minerva Med* 65:1665-70, 21 Apr 74 (Ita)
- ADENOMA, complications/ CASE REPORT/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ HUMAN/ HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, diagnosis/ HYPERTHYROIDISM, etiology/ HYPERTHYROIDISM, pathology/ *HYPERTHYROIDISM, surgery/ KIDNEY FUNCTION TESTS/ MALE/ *PARATHYROID GLANDS, surgery/ PARATHYROID HORMONE, blood/ PARATHYROID NEOPLASMS, complications/ RADIOISOTOPE SCANNING
3606. Pollitt AL, Rose S, Pappas GD: The calcium binding sites of synaptic vesicles of the frog sartorius neuromuscular junction. *J Cell Biol* 61:818-23, Jun 74
- ANIMAL EXPERIMENTS/ *BINDING SITES/ *CALCIUM, metabolism/ CALCIUM CHLORIDE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, MUSCLE, metabolism/ MUSCLES, cytology/ MYOFIBRILS, metabolism/ *NEUROMUSCULAR JUNCTION, metabolism/ RANA PIPIENS, anatomy & histology/ SARCOPLASMIC RETICULUM, metabolism/ *SYNAPTIC VESICLES, metabolism
3607. Polivy J: Psychological reactions to hysterectomy: a critical review. *Am J Obstet Gynecol* 118:417-26, 1 Feb 74 (23 ref.)
- ADAPTATION, PSYCHOLOGICAL/ ANIMAL EXPERIMENTS/ ANXIETY/ ATTITUDE TO HEALTH/ CASTRATION/ DEPRESSION, etiology/ EMOTIONS/ ESTROGENS, pharmacodynamics/ FEAR/ FEMALE/ HUMAN/ *HYSTERECTOMY/ MENSTRUATION/ MENTAL DISORDERS, etiology/ POSTOPERATIVE COMPLICATIONS/ PROGESTERONE, pharmacodynamics/ PROGNOSIS/ PSYCHOLOGY/ PSYCHOSES, etiology/ REVIEW/ SELF CONCEPT/ SEX BEHAVIOR/ SEX BEHAVIOR, ANIMAL, drug effects/ SEX CHARACTERISTICS
3608. Pollard SM, Millward-Sadler GH: Malignant haemangioendothelioma involving the liver. *J Clin Pathol* 27:214-21, Mar 74
- ADRENAL GLANDS, pathology/ AGED/ ANEMIA, HEMOLYTIC, complications/ BILIRUBIN, blood/ BLOOD PLATELETS/ ERYTHROCYTES/ FEMALE/ HEMANGIOENDOTHELIOMA, complications/ *HEMANGIOENDOTHELIOMA, pathology/ HEMOGLOBIN, analysis/ HEPATOMEGALY/ HUMAN/ KUPFFER CELLS/ LEUKOCYTE COUNT/ *LIVER NEOPLASMS, pathology/ MALE/ MELENA/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ PERITONEUM, pathology/ PROTHROMBIN TIME/ RETICULOCYTES/ SERUM ALBUMIN, analysis/ SPLENOMEGALY
3609. Poli EE, Praga C, Cortellaro M, et al: Potentiation of the inhibitory effect of some antiaggregating drugs in "vitro". *Acta Univ Carol [Med Monogr]* (Praha) 53:199-210, 1972
- ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, metabolism/ CARBON RADIOISOTOPES/ COLLAGEN, antagonists & inhibitors/ COLLAGEN, pharmacodynamics/ DENSITOMETRY/ *DIPYRIDAMOLE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ EPINEPHRINE, antagonists & inhibitors/ EPINEPHRINE, pharmacodynamics/ *ERGOLINES, pharmacodynamics/ HUMAN/ IN VITRO/ METHODS/ NICOTINIC ACID,

AUTHOR SECTION

- pharmacodynamics/ *PLATELET
ADHESIVENESS, drug effects/ SEROTONIN,
metabolism
3610. Follow K, Sinnecker R, Follow B:
Dünnschichtchromatographie von
Picogramm-Mengen von Oestradiol.
J Chromatogr 90:402-4, 10 Apr 74 (Ger)
*CHROMATOGRAPHY, THIN LAYER/
*ESTRADIOL, analysis/ METHODS/
MICROCHEMISTRY
3611. Polya GM: Regulation of a plant 5'(3')-ribonucleotide
phosphohydrolase by cyclic nucleotides and
pyrimidine, purine, and cytokinin ribosides.
Proc Natl Acad Sci USA 71:1299-303, Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ADENOSINE
MONOPHOSPHATE, pharmacodynamics/
ALLOSTERIC REGULATION/ GUANOSINE
CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ NUCLEOSIDES,
pharmacodynamics/ *NUCLEOTIDASES,
antagonists & inhibitors/ *NUCLEOTIDES,
pharmacodynamics/ RIBONUCLEOTIDES,
pharmacodynamics/ *WHEAT, enzymology
3612. Pommier J, Tourniaire J, Dème D, et al: A defective
thyroid peroxidase solubilized from a familial goiter
with iodine organification defect.
J Clin Endocrinol Metab 39:69-80, Jul 74
CASE REPORT/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ DIGITONIN/ FEMALE/
GOITER, enzymology/ *GOITER, familial &
genetic/ GUAIACOL, metabolism/ HUMAN/
IODINE, blood/ IODINE, metabolism/
MOLECULAR WEIGHT/
OXIDATION-REDUCTION/ PEROXIDASES,
analysis/ *PEROXIDASES, metabolism/
THYROGLOBULIN, analysis/
THYROGLOBULIN, metabolism/ *THYROID
GLAND, enzymology/ THYROXINE, blood/
TYROSINE, metabolism/
ULTRACENTRIFUGATION
3613. Pongs O, Bald R, Erdmann VA: Identification of
chloramphenicol-binding protein in Escherichia coli
ribosomes by affinity labeling.
Proc Natl Acad Sci USA 70:2229-33, Aug 73
ACETAMIDES, metabolism/
AUTORADIOGRAPHY/ BACILLUS,
metabolism/ *BACTERIAL PROTEINS,
isolation & purification/ BACTERIAL
PROTEINS, metabolism/ BINDING,
COMPETITIVE/ BINDING SITES/ BROMINE,
metabolism/ CARBON ISOTOPES/
*CHLORAMPHENICOL, metabolism/
CHLORAMPHENICOL, pharmacodynamics/
*ESCHERICHIA COLI, analysis/ ESCHERICHIA
COLI, metabolism/ IODINE, metabolism/
KINETICS/ PHENYLALANINE, biosynthesis/
POLYNUCLEOTIDES, metabolism/ PROTEIN
BINDING/ RIBOSOMES, analysis/
RIBOSOMES, metabolism
3614. Poody CA, Hall L, Suzuki DT: Developmental
properties of Shibire: a pleiotropic mutation affecting
larval and adult locomotion and development.
Dev Biol 32:373-86, Jun 73
ALLELES/ ANIMAL EXPERIMENTS/
CHROMOSOME MAPPING/ *DROSOPHILA
MELANOGASTER/ DROSOPHILA
MELANOGASTER, embryology/ DROSOPHILA
MELANOGASTER, physiology/ EXTREMITIES,
abnormalities/ EYE, abnormalities/ FEMALE/
GENES, LETHAL/ *GENES, RECESSIVE/
LARVA, growth & development/ MALE/
MICROSCOPY, ELECTRON, SCANNING/
*MOVEMENT/ *MUTATION/ PARALYSIS/
PHENOTYPE/ SEX CHROMOSOMES/
TEMPERATURE/ WING, abnormalities
3615. Popa M, Florea I, Simionescu L: Normal responsivity of
serum IRI following subcutaneous administration of
glucagon in 25 cases of pituitary dwarfism in children
and adolescents. A negative report.
Folia Endocrinol (Roma) 27:265-71, Jun 74
ADOLESCENCE/ AGE FACTORS/ ANTIGENS,
blood/ BLOOD SUGAR, biosynthesis/ CHILD/
*DWARFISM, PITUITARY, physiopathology/
GLUCAGON, administration & dosage/
*GLUCAGON, pharmacodynamics/ HUMAN/
INJECTIONS, SUBCUTANEOUS/ *INSULIN,
blood/ INSULIN, secretion/ ISLANDS OF
LANGERHANS, physiopathology/ PITUITARY
GLAND, physiopathology/ SOMATOTROPIN,
blood
3616. Popkin MK, Stillner V, Osborn LW, et al: Novel
behaviors in an extreme environment.
Am J Psychiatry 131:651-4, Jun 74
*ADAPTATION, PSYCHOLOGICAL/ ALCOHOL
DRINKING/ ANTARCTIC REGIONS/
*BEHAVIOR/ CONSCIOUSNESS/ DEPRESSION/
DIET/ EDUCATIONAL STATUS/ FANTASY/
HABITS/ HUMAN/ MALE/ PROTEIN-BOUND
IODINE TEST/ QUESTIONNAIRES/ *SOCIAL
ENVIRONMENT/ *SOCIAL ISOLATION/
THIAMINE PYROPHOSPHATE, analysis/
THYROTROPIN, blood/ THYROXINE, blood/
THYROXINE-BINDING PROTEIN, analysis
3617. Popov VG, Bellakova TI: Vegetativno-éndokrinnala
distrofia miokarda.
Klin Med (Mosk) 51:84-9, Sep 73 (Rus)
ADULT/ *AUTONOMIC NERVOUS SYSTEM,
physiopathology/ CLIMATIC/
ELECTROCARDIOGRAPHY/ *ENDOCRINE
DISEASES, physiopathology/ FEMALE/
HUMAN/ MIDDLE AGE/ *MYOCARDIAL
DISEASES, SECONDARY, physiopathology/
NEUROLOGIC MANIFESTATIONS
3618. Popov VG, Khitrov NK, Lazutin VK, et al: Deistvie
strofantina i prednizolona na sodержanie
ketekholaminov v raznykh zonakh serdtsa pri
eksperimental'nom infarkte u sobak.
Kardiologiya 15:29-35, 1974 (Rus)
ANIMAL EXPERIMENTS/
CATECHOLAMINES, metabolism/ ENGLISH
ABSTRACT/ FEMALE/ *HEART, drug effects/
INJECTIONS, INTRAVENOUS/ MALE/
*MYOCARDIAL INFARCT, metabolism/
PREDNISOLONE, administration & dosage/
*PREDNISOLONE, pharmacodynamics/
STROPHANTHIN, administration & dosage/
*STROPHANTHIN, pharmacodynamics
3619. Popova TA, Chermenski DN, Bezborodov AM: Sostav,
dinamika i énzimatischeskie prevrashcheniya
kislotorastvorimyykh nukleotidov, nukleozidov i
osnovaniy mitsel'nykh gribov.
Mikrobiologiya 43:220-6, Mar 74 (Rus)
ADENINE NUCLEOTIDES, metabolism/
CYTIDINE, metabolism/ CYTOSINE,
metabolism/ CYTOSINE NUCLEOTIDES,
metabolism/ ENGLISH ABSTRACT/ GUANINE
NUCLEOTIDES, metabolism/ GUANOSINE
CYCLIC 3',5' MONOPHOSPHATE, metabolism/
*NUCLEOSIDES, metabolism/ *NUCLEOTIDES,
metabolism/ *PENICILLIUM, metabolism/
TIME FACTORS/ URACIL, metabolism/
URACIL NUCLEOTIDES, metabolism/
URIDINE, metabolism/ URIDINE
DIPHOSPHATE SUGARS, metabolism
3620. Popper H: Implications of portal hepatotropic factors
in hepatology. Gastroenterology 66:1227-33, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ANIMAL EXPERIMENTS/
BLOOD/ CELL MEMBRANE, drug effects/
DNA, biosynthesis/ GLUCAGON, physiology/
GLYCOGENOSIS, metabolism/ GUANOSINE
CYCLIC 3',5' MONOPHOSPHATE, metabolism/
HELA CELLS/ HORMONES, physiology/
HUMAN/ INSULIN, physiology/ LIVER,
enzymology/ *LIVER, physiology/ LIVER
CIRCULATION/ MAMMALS/
PHOSPHODIESTERASES, metabolism/
*PORTAL SYSTEM, physiology/ PORTAL
VEIN/ RNA, biosynthesis
3621. Porra RJ, Barnes R, Jones OT: The over-production of
porphyrins by semi-anaerobic yeast.
Enzyme 16:1-8, 1973
AMINOLEVULINIC ACID SYNTHETASE,
metabolism/ AMMONIUM SULFATE,
metabolism/ ANAEROBIOSIS/ CELL-FREE
SYSTEM/ COMPARATIVE STUDY/
DETERGENTS, pharmacodynamics/

AUTHOR SECTION

- ERGOSTEROL, pharmacodynamics/ GLUCOSE, metabolism/ HEME, pharmacodynamics/ IRON, pharmacodynamics/ OLEIC ACID/ *PORPHYRINS, metabolism/ SACCHAROMYCES CEREVISIAE, drug effects/ SACCHAROMYCES CEREVISIAE, enzymology/ *SACCHAROMYCES CEREVISIAE, metabolism/ SUCROSE, metabolism/ UREA, metabolism
3622. Porter DG, Yoshinaga K, Ford J: Progesterone concentration, intraluminal pressure and electrical activity of the guinea-pig uterus. N Engl J Med 291:255-63, 11 Jun 74
*ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ CASTRATION/ ESTRADIOL, pharmacodynamics/ FEMALE/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ MANOMETRY/ OXYTOCIN, pharmacodynamics/ *PRESSURE/ PROGESTERONE, analysis/ PROGESTERONE, blood/ *PROGESTERONE, pharmacodynamics/ UTERUS, analysis/ UTERUS, drug effects/ *UTERUS, physiology
3623. Porter JC: Proceedings: Hormonal regulation of breast development and activity. J Invest Dermatol 63:85-92, Jul 74 (77 ref.)
ALDOSTERONE, physiology/ ANIMAL EXPERIMENTS/ BREAST, embryology/ *BREAST, growth & development/ BREAST, metabolism/ BREAST, physiology/ CELL DIFFERENTIATION/ DNA REPLICATION/ ESTROGENS, physiology/ FEMALE/ *HORMONES, physiology/ HUMAN/ LACTATION/ MAMMAE, embryology/ *MAMMAE, growth & development/ MAMMAE, metabolism/ MAMMAE, physiology/ PITUITARY HORMONES, physiology/ PROGESTERONE, physiology/ PROTEINS, biosynthesis/ PUBERTY/ REVIEW/ RNA, biosynthesis/ STEROIDS, physiology
3624. Porteus SE, Malven PV: Stimulation of prolactin release in vivo by thyrotropin-releasing hormone (TRH) through direct action on the ectopic rat pituitary. Endocrinology 94:1699-703, Jun 74
ANIMAL EXPERIMENTS/ FEMALE/ HYPOPHYSECTOMY/ HYPOTHALAMUS, physiology/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, metabolism/ PROLACTIN, blood/ *PROLACTIN, metabolism/ RADIOIMMUNOASSAY/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ *THYROTROPIN RELEASING HORMONE, pharmacodynamics/ TIME FACTORS
3625. Portnay GI, O'Brian JT, Bush J, et al: The effect of starvation on the concentration and binding of thyroxine and triiodothyronine in serum and on the response to TRH. J Clin Endocrinol Metab 39:191-4, Jul 74
FEMALE/ HUMAN/ MALE/ OBESITY, blood/ PROSPECTIVE STUDIES/ *STARVATION/ THYROTROPIN, blood/ *THYROXINE, blood/ *TRIIODOTHYRONINE, blood
3626. Portnay GI, Vagenakis AG, Braverman LE, et al: Letter: Anticoagulant therapy and acute adrenal insufficiency. Ann Intern Med 81:115, Jul 74
ADRENAL CORTEX HORMONES, therapeutic use/ *ADRENAL GLAND DISEASES, chemically induced/ ADRENAL GLAND HYPOFUNCTION, blood/ ADRENAL GLAND HYPOFUNCTION, drug therapy/ *ADRENAL GLAND HYPOFUNCTION, etiology/ CORTICOTROPIN, diagnostic use/ *HEMORRHAGE, chemically induced/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, blood/ MALE/ PULMONARY EMBOLISM, drug therapy/ *WARFARIN, adverse effects/ WARFARIN, therapeutic use
3627. Portugal-Alvarez J, Enríquez L, Zamarrón A, et al: Hormona de crecimiento, insulínemia, glucemia y ácidos grasos libres plasmáticos tras la administración de arginina. Rev Esp Fisiol 29:289-91, Dec 73 (Spa)
ADULT/ *ARGININE, pharmacodynamics/
- *BLOOD SUGAR, analysis/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ INJECTIONS/ *INSULIN, blood/ MALE/ *PITUITARY GLAND, physiology/ RADIOIMMUNOASSAY/ SEX FACTORS/ *SOMATOTROPIN, blood/ STIMULATION, CHEMICAL/ TIME FACTORS
3628. Posinovec J: Prilog poznavanju morfologije nekih elemenata vezivnog tkiva zdravog i sterilnog testisa čovjeka. Rad Med Fak Zagrebu 20:205-13, 1972 (Cro)
CONNECTIVE TISSUE, pathology/ *CONNECTIVE TISSUE CELLS/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *STERILITY, MALE, pathology/ TESTIS, anatomy & histology/ TESTIS, embryology/ *TESTIS, pathology
3629. Postnov IuV: O znachenii solevogo rezhima v razvitiu arterial'noi gipertonii. Kardiologiya 12:5-12, Jul 72 (Rus)
ANIMAL EXPERIMENTS/ CELL MEMBRANE PERMEABILITY, drug effects/ DIET, adverse effects/ DOGS/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTENSION, etiology/ KIDNEY, cytology/ KIDNEY, metabolism/ NATRIURESIS, drug effects/ PROSTAGLANDINS, pharmacodynamics/ RATS/ *SODIUM, metabolism/ *SODIUM CHLORIDE, adverse effects/ SODIUM CHLORIDE, metabolism/ WATER-ELECTROLYTE BALANCE
3630. Postnov IuV, Glukhovets BI, Strakhov EV: Krupnokletochnye neirosekretnyye ladra gipotalamusa pri gipertenzivnom sindrome u bol'nykh s pozdnim toksikoziem beremennosti. Kardiologiya 14:55-61, Apr 74 (Rus)
AUTOPSY/ CELL NUCLEUS, physiology/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HISTOLOGICAL TECHNIQS/ HUMAN/ *HYPERTENSION, physiopathology/ HYPOTHALAMUS, pathology/ KARYOMETRY/ KIDNEY DISEASES, physiopathology/ NEUROHUMORS, secretion/ NEURONS, physiology/ *PREGNANCY TOXEMIAS, physiopathology/ SYNDROME/ *THALAMIC NUCLEI, physiopathology
3631. Poston JW, Synder WS: A model for exposure to a semi-infinite cloud of a photon emitter. Health Phys 26:287-93, Apr 74
*AIR POLLUTION, RADIOACTIVE/ BLADDER/ BONE AND BONES/ BONE MARROW/ ELEMENTARY PARTICLES/ FEMALE/ HUMAN/ INTESTINE, SMALL/ KIDNEY/ LIVER/ LUNG/ MALE/ MODELS, STRUCTURAL/ MUSCLES/ OVARY/ PANCREAS/ *RADIATION DOSAGE/ *RADIOISOTOPES/ SKIN/ SPLEEN/ STOMACH/ TESTIS/ THYMUS GLAND/ THYROID GLAND/ UTERUS
3632. Poswillo DE: Orofacial malformations. Proc R Soc Med 67:343-9, May 74
ANIMAL EXPERIMENTS/ ANTIMETABOLITES, adverse effects/ CELL DIFFERENTIATION/ *CLEFT LIP, embryology/ CLEFT LIP, familial & genetic/ CLEFT PALATE, complications/ *CLEFT PALATE, embryology/ DERMOID CYST/ EYE NEOPLASMS/ *FACE, abnormalities/ FEMALE/ GLUCOCORTICOIDS, adverse effects/ HUMAN/ MALE/ MANDIBULOFACIAL DYSOSTOSIS/ MICE, INBRED A/ MICROGNATHISM, complications/ MORPHOGENESIS/ PHENOBARBITAL, adverse effects/ SALICYLATES, adverse effects/ SEX FACTORS/ STRESS, MECHANICAL, adverse effects/ THALIDOMIDE, adverse effects/ UVULA, abnormalities
3633. Potter DE: Letter: Growth after renal transplantation. Br Med J 2:223, 27 Apr 74
CHILD/ DIET/ FEMALE/ GROWTH DISORDERS, drug therapy/ *GROWTH DISORDERS, etiology/ HEMODIALYSIS, adverse effects/ HUMAN/ *KIDNEY,

AUTHOR SECTION

- transplantation/ MALE/ POSTOPERATIVE COMPLICATIONS/ PREDNISOLONE, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS
3634. Potter K, Chaloner-Larsson G, Yamazaki H: Abnormally high rate of cyclic AMP excretion from an *Escherichia coli* mutant deficient in cyclic AMP receptor protein. *Biochem Biophys Res Commun* 57:379-85, 25 Mar 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ *BACTERIAL PROTEINS, metabolism/ BINDING SITES/ *CARRIER PROTEINS, metabolism/ CELL DIVISION/ CHROMATOGRAPHY, THIN LAYER/ *ESCHERICHIA COLI, metabolism/ GLUCOSE, metabolism/ GLYCERIN, metabolism/ MUTATION/ PHOSPHORUS RADIOISOTOPES/ PROTEIN BINDING/ PYRUVATES, metabolism/ *RECEPTORS, DRUG/ SPECTROPHOTOMETRY/ TIME FACTORS
3635. Pounder RE: Pancreatic exocrine deficiency, chronic active hepatitis and familial autoallergic haemolytic anaemia. *Proc R Soc Med* 67:323-4, May 74
ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, familial & genetic/ AZATHIOPRINE, therapeutic use/ CASE REPORT/ CHRONIC DISEASE/ DIARRHEA, etiology/ FEMALE/ *HEPATITIS, complications/ HEPATITIS, drug therapy/ HUMAN/ MALE/ *PANCREATIC DISEASES, complications/ PANCREATIC DISEASES, drug therapy/ PANCREATIC EXTRACTS, therapeutic use/ PANCREATIC JUICE/ PREDNISOLONE, therapeutic use/ VOMITING, etiology
3636. Povorekko IA: Gliukokortikoidnaia funktsiia kory nadpochechnikov u bol'nykh briushnym tifom. *Sov Med* 4:151, 1974 (Rus)
*ADRENAL GLANDS, physiopathology/ *GLUCOCORTICOIDS, biosynthesis/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *TYPHOID, physiopathology
3637. Powell JR: Heterosis at an enzyme locus of *Drosophila*: evidence from experimental populations. *Heredity (Lond)* 32:105-8, Feb 74
ALLELES/ ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ *DROSOPHILA, enzymology/ FEMALE/ *HETEROZYGOTE/ HYBRID VIGOR/ *HYBRIDIZATION/ MALE/ *OXIDOREDUCTASES, analysis/ PHENOTYPE/ POLYMORPHISM (GENETICS)/ SELECTION (GENETICS)/ SEX CHROMOSOMES/ TETRAZOLIUM SALTS
3638. Powell JR, Richmond RC: Flounder effects and linkage disequilibria in experimental populations of *Drosophila*. *Proc Natl Acad Sci USA* 71:1663-5, May 74
ALLELES/ ANIMAL EXPERIMENTS/ *CHROMOSOMES/ DROSOPHILA/ FEMALE/ GENE FREQUENCY/ *GENETICS, POPULATION/ *LINKAGE (GENETICS)/ MALE/ *SELECTION (GENETICS)/ SEX CHROMOSOMES
3639. Powers WH: Peripheral facial paralysis and systemic disease. *Otolaryngol Clin North Am* 7:397-405, Jun 74 (42 ref.)
DIABETES MELLITUS, complications/ FACIAL PARALYSIS, classification/ FACIAL PARALYSIS, diagnosis/ *FACIAL PARALYSIS, etiology/ FACIAL PARALYSIS, therapy/ FEMALE/ HUMAN/ HYPOTHYROIDISM, complications/ MYXEDEMA, complications/ PAROTITIS, complications/ PERIARTERITIS NODOSA, complications/ PREGNANCY COMPLICATIONS/ REVIEW/ SARCOIDOSIS, complications/ SYNDROME/ UVEITIS, complications/ VASCULAR DISEASES, complications/ WEGENER'S GRANULOMATOSIS, complications
3640. Powles TJ, Easty DM, Easty GC, et al: Letter: Tumor-induced osteolysis. *N Engl J Med* 291:105, 11 Jun 74
- ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ *BONE RESORPTION, etiology/ BONE RESORPTION, metabolism/ BONE RESORPTION, prevention & control/ HUMAN/ HYPERCALCEMIA, prevention & control/ *NEOPLASMS, complications/ PROSTAGLANDINS, biosynthesis
3641. Pownall HJ, Smith LC: Interaction of apolipoprotein-alamine and apolipoprotein-glutamine-I with phosphatidylcholine. Effect on solute quenching of intrinsic fluorescence. *Biochemistry* 13:2590-3, 4 Jun 74
ALANINE/ APOPROTEINS, metabolism/ CHLORINE/ EGGS/ GLUTAMINE/ HUMAN/ IODIDES, pharmacodynamics/ *LECITHINS, metabolism/ *LIPOPROTEINS, metabolism/ LIPOPROTEINS, HDL/ LIPOPROTEINS, VLDL/ PROTEIN BINDING/ PYRIDINIUM COMPOUNDS, pharmacodynamics/ *SERUM ALBUMIN, metabolism/ SPECTROMETRY, FLUORESCENCE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPTOPHAN, metabolism
3642. Poyser NL: The significance of prostaglandin production by the uterus. *Pol J Pharmacol Pharm* 26:189-203, Jan-Apr 74
ANIMAL EXPERIMENTS/ CORPUS LUTEUM/ ENDOMETRIUM, analysis/ ESTRADIOL/ ESTRUS/ FEMALE/ HUMAN/ INDOMETHACIN, administration & dosage/ INDOMETHACIN, pharmacodynamics/ LABOR/ MENSTRUATION/ OVARY, blood supply/ OVARY, transplantation/ PARAFFIN/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, classification/ PROSTAGLANDINS, isolation & purification/ PROSTAGLANDINS, physiology/ SHEEP/ STOMACH, drug effects/ TISSUE EXTRACTS/ TRANSPLANTATION, AUTOLOGOUS/ UTERUS, blood supply/ *UTERUS, metabolism/ VAGINAL SMEARS
3643. Praag HM van, Korf J: Serotonin metabolism in depression: clinical application of the probenecid test. *Int Pharmacopsychiatry* 9:35-51, 1974
ADMINISTRATION, ORAL/ CLINICAL RESEARCH/ DEPRESSION, cerebrospinal fluid/ DEPRESSION, drug therapy/ *DEPRESSION, metabolism/ DEPRESSION, REACTIVE, metabolism/ HOMOVANILLIC ACID, metabolism/ HUMAN/ HYDROXYINDOLEACETIC ACID, cerebrospinal fluid/ HYDROXYTRYPTOPHAN, therapeutic use/ INJECTIONS, INTRAVENOUS/ INTESTINAL ABSORPTION/ PLACEBOS/ PROBENECID, administration & dosage/ PROBENECID, adverse effects/ PROBENECID, cerebrospinal fluid/ *PROBENECID, diagnostic use/ PROBENECID, pharmacodynamics/ PSYCHIATRIC STATUS RATING SCALES/ *SEROTONIN, metabolism/ TIME FACTORS
3644. Pradal G, Lefranc G, Tusques J: Etude critique des distinctions tinctoriales effectuées parmi les cellules endocrines de la muqueuse fundique du lapin. *Histochemistry* 38:307-18, 13 Mar 74 (Fre)
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ DOPA, pharmacodynamics/ *ENDOCRINE GLANDS, cytology/ ENGLISH ABSTRACT/ FEMALE/ FERRICYANIDES/ FORMALDEHYDE/ FREEZE DRYING/ *GASTRIC MUCOSA, cytology/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNIQUES/ MALE/ METHODS/ MICROSCOPY, FLUORESCENCE/ SEROTONIN, secretion/ STAINS AND STAINING
3645. Prager R, Abramovici A, Liban E, et al: Histopathological changes in the placenta of streptozotocin induced diabetic rats. *Diabetologia* 10:89-91, Feb 74
ANIMAL EXPERIMENTS/ CYSTS, chemically induced/ DIABETES MELLITUS, chemically induced/ *DISEASE MODELS, ANIMAL/ FEMALE/ *PLACENTA, pathology/ PLACENTA DISORDERS, chemically induced/ *PREGNANCY IN DIABETES, pathology/ STREPTOZOTOCIN/ TIME FACTORS

AUTHOR SECTION

3646. **Prakhov R, Bankov N:** Vurkhu sinkhronizatsiata na estrusa i zaplozhdaneto na nerazhdali svine. Vet Med Nauki 11:11-6, 1974 (Bul)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ESTRUS, drug effects/ FEMALE/ *FERTILITY/ *GONADOTROPINS, EQUINE, administration & dosage/ INSEMINATION/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects/ *SWINE
3647. **Prange-Hansen A:** Vaeksthormon. Ugeskr Laeger 136:1038-9, 6 May 74 (Dan)
ACROMEGALY, blood/ DIABETES MELLITUS, blood/ DWARFISM, PITUITARY, blood/ FEMALE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MALE/ SOMATOTROPIN, antagonists & inhibitors/ SOMATOTROPIN, blood/ *SOMATOTROPIN, physiology
3648. **Prasad CU, Bose SM:** Effect of protein deficiency on cross-linking and maturation of collagen. Nutr Metab 16:172-80, 1974
ALDEHYDES, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CHROMATOGRAPHY, ION EXCHANGE/ *COLLAGEN, metabolism/ CONNECTIVE TISSUE/ COTTON/ DIETARY PROTEINS, administration & dosage/ GRANULOMA, chemically induced/ *GRANULOMA, metabolism/ HYDROGEN-ION CONCENTRATION/ POTASSIUM/ PRONASE/ *PROTEIN DEFICIENCY, metabolism/ PROTEIN DENATURATION/ SKIN, growth & development/ *SKIN, metabolism/ SKIN DISEASES, metabolism/ SOLUBILITY/ THIOCYANATES
3649. **Prasad KN, Gilmer KN, Sahu SK:** Demonstration of acetylcholine-sensitive adenylyl cyclase in malignant neuroblastoma cells in culture. Nature 249:765-7, 21 Jun 74
*ACETYLCHOLINE, pharmacodynamics/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ADENOSINE TRIPHOSPHATE, metabolism/ *ADENYL CYCLASE, metabolism/ CELLS, CULTURED/ DOPAMINE, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ *NEUROBLASTOMA, enzymology/ NEUROBLASTOMA, metabolism/ NOREPINEPHRINE, pharmacodynamics/ PARASYMPATHOMIMETICS, pharmacodynamics/ RECEPTORS, CHOLINERGIC, drug effects/ TRITIUM
3650. **Prasad VK, Granatek AP, Mihotic MM:** Physical compatibility and chemical stability of cephalin sodium in combination with non-antibiotic drugs in large-volume parenteral solutions. II. Curr Ther Res 16:540-72, May 74
ACETAMIDES/ AMINOPHYLLINE/ ASCORBIC ACID/ BARBITURATES/ BICARBONATES/ CALCIUM CHLORIDE/ *CEPHALOSPORINS/ CHEMISTRY/ DIPHENHYDRAMINE/ DIPHENYLHYDANTOIN/ DRUG COMBINATIONS/ DRUG INCOMPATIBILITY/ DRUG STABILITY/ EPINEPHRINE/ ERGONOVINE/ HEPARIN/ HYDROCORTISONE/ HYDROGEN-ION CONCENTRATION/ METARAMINOL/ NITROFURANTOIN/ NOREPINEPHRINE/ PYRIDINES/ SOLUTIONS/ SUCCINYLCHOLINE/ SULFADIAZINE/ SULFIDES/ SULFISOXAZOLE/ THIOPENTAL/ VITAMINS/ WARFARIN
3651. **Pratt JH, Dale SL, Gaunt R, et al:** Aldosterone secretion in the enucleated rat adrenal during salt retention. Endocrinology 95:48-54, Jul 74
*ADRENAL GLANDS, secretion/ ALDOSTERONE, blood/ *ALDOSTERONE, secretion/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CORTICOTROPIN, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ DIURESIS, drug effects/ FEMALE/ IMMUNOASSAY/ MALE/ NATRIURESIS, drug effects/ SECRETORY RATE/ TIME FACTORS
3652. **Pfenosil J, Verdán M:** Příspěvek ke scleroedema adultorum (Buschke) u dětí. Cesk Pediatr 29:213-5, Apr 74 (Cze)
CHILD/ ENGLISH ABSTRACT/ HUMAN/ MALE/ PENICILLIN, therapeutic use/ PREDNISONE, therapeutic use/ *SCLEROEDEMA ADULTORUM, diagnosis/ SCLEROEDEMA ADULTORUM, drug therapy
3653. **Prentice FD, Wood JG:** Cytochemical localization of 5-hydroxydopamine in adrenergic elements of cat adrenal medulla. Experientia 30:645-8, 15 Jun 74
ADRENAL MEDULLA, cytology/ ADRENAL MEDULLA, innervation/ *ADRENAL MEDULLA, metabolism/ ANIMAL EXPERIMENTS/ HISTOCYTOCHEMISTRY/ *HYDROXYDOPAMINE, metabolism/ MALE/ MICROSCOPY, ELECTRON/ NERVE ENDINGS, cytology/ *NERVE ENDINGS, metabolism/ NOREPINEPHRINE, metabolism/ SYMPATHETIC NERVOUS SYSTEM, cytology/ *SYMPATHETIC NERVOUS SYSTEM, metabolism
3654. **Prichard RK, Donald AD, Hennessy DR:** The effect of corticosteroid treatment on the development of inhibited Ostertagia ostertagi larvae. Res Vet Sci 16:267-9, Mar 74
ABOMASUM, pathology/ ANIMAL EXPERIMENTS/ CATTLE/ CATTLE DISEASES, blood/ *CATTLE DISEASES, pathology/ *DEXAMETHASONE, pharmacodynamics/ LARVA, drug effects/ LARVA, growth & development/ LEUKOCYTE COUNT/ LYMPHOCYTES, drug effects/ TRICHOSTRONGYLOIDEA, drug effects/ *TRICHOSTRONGYLOIDEA, growth & development/ TRICHOSTRONGYLOIDIASIS, blood/ TRICHOSTRONGYLOIDIASIS, pathology/ *TRICHOSTRONGYLOIDIASIS, veterinary
3655. **Friedkains J:** Proceedings: Hypothalamic sites of action of progesterone in the control of ovulation in the rat. J Anat 116:466-7, Dec 73
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ FEMALE/ GONADOTROPINS, PITUITARY, secretion/ HYPOTHALAMO-HYPOPHYSAL SYSTEM, drug effects/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, physiology/ *OVULATION, drug effects/ *PROGESTERONE, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS
3656. **Pries C, Mittelman D, Miller M, et al:** The EEC syndrome. Am J Dis Child 127:840-4, Jun 74
ABNORMALITIES, MULTIPLE, blood/ ABNORMALITIES, MULTIPLE, familial & genetic/ ABNORMALITIES, MULTIPLE, radiography/ BONE AND BONES, abnormalities/ CLEFT LIP, complications/ *CLEFT LIP, familial & genetic/ CLEFT PALATE, complications/ *CLEFT PALATE, familial & genetic/ ECTODERMAL DYSPLASIA, complications/ *ECTODERMAL DYSPLASIA, familial & genetic/ ECTODERMAL DYSPLASIA, radiography/ EYE, abnormalities/ FACE/ FEMALE/ *FINGERS, abnormalities/ FINGERS, radiography/ *FOOT, abnormalities/ FOOT, radiography/ HAND, radiography/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IGG/ IGM/ MALE/ SALIVA/ SKIN, pathology/ SKIN DISEASES, etiology/ SYNDROME/ TONGUE, abnormalities
3657. **Priester WA, Mason TJ:** Human cancer mortality in relation to poultry population, by county, in 10 southeastern States. J Natl Cancer Inst 53:45-9, Jul 74
*AGRICULTURE/ CERVIX NEOPLASMS, mortality/ *CHICKENS/ FEMALE/ HODGKIN'S DISEASE, mortality/ HUMAN/ LEUKEMIA, mortality/ LYMPHOMA, mortality/ MALE/ MULTIPLE MYELOMA, mortality/ *NEOPLASMS, mortality/ OVARIAN NEOPLASMS, mortality/ UNITED STATES
3658. **Privat Y:** Etude en dermatologie d'un topique associant fluocinonide et sulfate de néomycine.

AUTHOR SECTION

- Therapeutique 49:609-13, Nov 73 (Fre)
 *ANTI-INFLAMMATORY AGENTS, TOPICAL, therapeutic use/ CLINICAL RESEARCH/ DRUG COMBINATIONS/ DRUG SYNERGISM/ FEMALE/ *FLUOCINOLONE ACETONIDE, therapeutic use/ HUMAN/ MALE/ *NEOMYCIN, therapeutic use/ *SKIN DISEASES, drug therapy
3659. Proakis AG, Borowitz JL, McDougal MR, et al: Interaction between acetylcholine and sotalol (MJ-1999) in adrenal medulla. Proc Soc Exp Biol Med 145:1368-71, Apr 74
 *ACETYLCHOLINE, pharmacodynamics/ *ADRENAL MEDULLA, drug effects/ ADRENAL MEDULLA, metabolism/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, metabolism/ CATTLE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG INTERACTIONS/ IN VITRO/ POTASSIUM, pharmacodynamics/ *SOTALOL, pharmacodynamics
3660. Pronina NN, Totrova EA: Vliianie gormonov shehitovidnoy zhelezy na gemodinamiku i funktsiiu pochek. Probl Endokrinol (Mosk) 20:81-3, Mar-Apr 74 (Rus)
 ANIMAL EXPERIMENTS/ *DIURESIS, drug effects/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ GLOMERULAR FILTRATION RATE/ HEMODYNAMICS/ INJECTIONS, INTRAVENOUS/ KIDNEY, blood supply/ KIDNEY, drug effects/ *KIDNEY, physiology/ MALE/ OSMOTIC PRESSURE/ THYROXINE, administration & dosage/ *THYROXINE, pharmacodynamics
3661. Prusiński A, Niewodniczy A: Zastosowanie sandomigranu (BC-105) w leczeniu migreny szczynej. Wlad Lek 27:297-300, 1 Feb 74 (Pol)
 APPETITE, drug effects/ *BARRE-LIEOU SYNDROME, drug therapy/ BENZOCYCLOHEPTENES, therapeutic use/ BODY WEIGHT, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PIPERIDINES, therapeutic use/ *SEROTONIN, antagonists & inhibitors/ *THIOPHENES, therapeutic use
3662. Przeklasa W, Wlodyka J: Obustronne uszkodzenie nerwów krtaniowych wtascznych po operacjach nlenowotworowych przerosów tarczycy. Przegl Lek 31:444-9, 1974 (Pol)
 ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, surgery/ *LARYNGEAL NERVES/ LARYNGEAL NERVES, injuries/ MALE/ PERIPHERAL NERVE DISEASES/ *POSTOPERATIVE COMPLICATIONS/ THYROIDECTOMY
3663. Puchwein G, Pfeuffer T, Heimreich EJ: Uncoupling of catecholamine activation of pigeon erythrocyte membrane adenylate cyclase by flilpin. J Clin Invest 53:3232-40, Jun 74
 ADENYL CYCLASE, antagonists & inhibitors/ *ADENYL CYCLASE, blood/ ANIMAL EXPERIMENTS/ *ANTIBIOTICS, ANTIFUNGAL, pharmacodynamics/ BENZANTHRACENES, metabolism/ *CATECHOLAMINES, pharmacodynamics/ CELL MEMBRANE, analysis/ CELL MEMBRANE, enzymology/ CHOLESTENES, analysis/ CHOLESTEROL, analysis/ CHOLESTEROL, metabolism/ ENZYME ACTIVATION/ *ERYTHROCYTES, enzymology/ *FATTY ACIDS, UNSATURATED, pharmacodynamics/ FEMALE/ GUANOSINE TRIPHOSPHATE, pharmacodynamics/ HEMOLYSIS/ LACTONES, pharmacodynamics/ LIPOSOMES/ MALE/ PHOSPHORUS RADIOISOTOPES/ PIGEONS/ POLYENES, pharmacodynamics/ PROTEIN BINDING/ SPECTROMETRY, FLUORESCENCE/ SPECTROPHOTOMETRY/ TRITIUM
3664. Puckett LD, Snyder LA: Quantitative aspects of ribosomal RNA synthesis during ovarian development in two mutants of Drosophila melanogaster. Blochem Genet 11:249-60, Mar 74
- ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ DROSOPHILA MELANOGASTER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ EVALUATION STUDIES/ FEMALE/ GENES, LETHAL/ GENOTYPE/ HETEROZYGOTE/ HOMOZYGOTE/ MALE/ METHODS/ MICROCHEMISTRY/ *MUTATION/ OVARY, cytology/ *OVARY, metabolism/ OVUM, cytology/ OVUM, metabolism/ PHOSPHORUS RADIOISOTOPES/ RIBOSOMES, metabolism/ *RNA, RIBOSOMAL, biosynthesis/ SEX CHROMOSOME ABNORMALITIES, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET
3665. Pullman B, Courrière P, Berthod H: Molecular orbital studies on the conformation of hallucinogenic indolealkylamines and related compounds. The isolated molecules and the solvent effect. J Med Chem 17:439-47, Apr 74
 AMINES/ CHEMISTRY/ CRYSTALLOGRAPHY/ DIMETHYLTRYPTAMINE/ *HALLUCINOGENS/ *INDOLES/ LYSERGIC ACID DIETHYLAMIDE/ MOLECULAR CONFORMATION/ PSILOCYBINE/ QUANTUM THEORY/ SEROTONIN/ SOLVENTS/ TRYPTAMINES/ YOHIMBINE
3666. Purnell DC, Scholz DA, Smith LH, et al: Treatment of primary hyperparathyroidism. Am J Med 56:800-9, Jun 74
 ADENOMA, surgery/ CALCIUM, blood/ HUMAN/ HYPERPARATHYROIDISM, blood/ HYPERPARATHYROIDISM, drug therapy/ HYPERPARATHYROIDISM, surgery/ *HYPERPARATHYROIDISM, therapy/ MEDIASTINAL NEOPLASMS, surgery/ PARATHYROID GLANDS, surgery/ PARATHYROID HORMONE, blood/ PARATHYROID NEOPLASMS, surgery/ PHOSPHATES, therapeutic use/ PHOSPHORUS, blood/ RADIOIMMUNOASSAY
3667. Purvis K, Illius AW, Haynes NB: Plasma testosterone concentrations in the ram. N Engl J Med 291:241-53, 11 Jun 74
 ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ COITUS/ EJACULATION/ FEMALE/ JUGULAR VEIN/ MALE/ RABBITS, immunology/ RADIOIMMUNOASSAY/ RADIOLIGAND ASSAY/ SEASONS/ *SHEEP, metabolism/ SOCIAL BEHAVIOR/ *TESTOSTERONE, blood/ TRITIUM
3668. Pytel A: Extrarenal symptomatology in renal cancer. Int Urol Nephrol 5:241-7, 1974
 ALKALINE PHOSPHATASE, blood/ AMYLOIDOSIS, etiology/ ANEMIA, HYPOCHROMIC, etiology/ BLOOD SEDIMENTATION/ BODY WEIGHT/ FEVER, etiology/ HUMAN/ HYPERCALCEMIA, etiology/ HYPERTENSION, RENAL, etiology/ KIDNEY NEOPLASMS, blood/ KIDNEY NEOPLASMS, complications/ *KIDNEY NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, enzymology/ LIVER DISEASES, etiology/ PAIN/ POLYCYTHEMIA, etiology
- Q
3669. Quadagno DM: Maternal behavior in the rat: aspects of concaveation and neonatal androgen treatment. Physiol Behav 12:1071-4, Jun 74
 ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CASTRATION/ FEMALE/ *LACTATION/ MALE/ *MATERNAL BEHAVIOR/ OVARY, physiology/ RATS/ SEX FACTORS/ TESTIS, physiology/ TESTOSTERONE, pharmacodynamics
3670. Quiroga Micheo E, Enrique Duhart J: Púrpura trombocitopénica e hipertiroidismo. Sangre (Barc) 18:534-6, 1973 (Spa)
 ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTHYROIDISM, blood/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, radiotherapy/ IODINE RADIOISOTOPES, therapeutic use/ *PURPURA, THROMBOPENIC, etiology

AUTHOR SECTION

3671. Qvist G: President's address. Muscle spasm in the etiology of chronic peptic ulcer. Proc R Soc Med 67:365-9, May 74
ACIDS, adverse effects/ ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BARIUM SULFATE, diagnostic use/ CHRONIC DISEASE/ DRUG THERAPY, adverse effects/ FEMALE/ GASTRIC MUCOSA, secretion/ GASTROINTESTINAL MOTILITY/ HUMAN/ HYPERTENSION, drug therapy/ ISCHEMIA/ MALE/ *MUSCLE CRAMP, complications/ MUSCLE TONUS, drug effects/ PAIN, etiology/ *PEPTIC ULCER, etiology/ PREGNANCY/ PROGESTERONE, pharmacodynamics/ PYLORUS, surgery/ RADIOLOGY/ SPASM/ STOMACH, blood supply/ VAGOTOMY

R

3672. Rabin BR, Blyth CA, Doherty D, et al: The neoplastic cell. The effects of steroid hormones and carcinogens on the interaction of membranes with polysomes. J Clin Pathol [Suppl] 7:51-9, 1974 (26 ref.)
AFLATOXIN, pharmacodynamics/ AMINOPYRINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTHRACENES, pharmacodynamics/ BENZANTHRACENES, pharmacodynamics/ BINDING SITES/ CARBON TETRACHLORIDE, pharmacodynamics/ *CARCINOGENS, pharmacodynamics/ CELL MEMBRANE, drug effects/ DISULFIDES/ *ENDOPLASMIC RETICULUM, drug effects/ ESTRADIOL, pharmacodynamics/ FEMALE/ IN VITRO/ LIVER, cytology/ MALE/ MEMBRANES, drug effects/ MICROSOMES, LIVER, metabolism/ NAPHTHALENES, pharmacodynamics/ NEOPLASMS, pathology/ OXIDATION-REDUCTION/ *POLYRIBOSOMES, drug effects/ PROTEINS, biosynthesis/ PROTEINS, metabolism/ RATS/ REVIEW/ RNA, metabolism/ RNA, MESSENGER/ SEX FACTORS/ *SEX HORMONES, pharmacodynamics/ TESTOSTERONE, pharmacodynamics/ TRITIUM
3673. Rabin DL, McCarthy P: Social and health related characteristics of women using oral contraceptives. Prev Med 3:268-76, Jun 74
ADOLESCENCE/ ADULT/ AGE FACTORS/ ATTITUDE TO HEALTH/ CHRONIC DISEASE/ *CONTRACEPTIVES, ORAL/ *DEMOGRAPHY/ DRUG THERAPY/ FEMALE/ *HEALTH SURVEYS/ HUMAN/ SAMPLING STUDIES/ SMOKING, occurrence/ SOCIOECONOMIC FACTORS/ STATISTICS
3674. Rabinowitz B, Kligerman M, Parmley WW: Plasma cyclic adenosine 3'5'-monophosphate (AMP) levels in acute myocardial infarction. Am J Cardiol 34:7-11, Jul 74
ACUTE DISEASE/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ARTERIOSCLEROSIS, blood/ CARDIAC OUTPUT/ CORONARY DISEASE, blood/ FEMALE/ HEMODYNAMICS/ HUMAN/ MALE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, mortality/ MYOCARDIAL INFARCT, physiopathology/ PROGNOSIS
3675. Rabinowitz JG, Twersky J, Guttadauria M: Similar bone manifestations of scleroderma and rheumatoid arthritis. Am J Roentgenol Radium Ther Nucl Med 121:35-44, May 74
ANKYLOSIS, radiography/ *ARTHRITIS, RHEUMATOID, radiography/ *BONE DISEASES, radiography/ BONE RESORPTION, radiography/ DIAGNOSIS, DIFFERENTIAL/ DISLOCATIONS, radiography/ FEMALE/ FINGER JOINT/ HAND, radiography/ HUMAN/ MALE/ OSTEOPOROSIS, radiography/ *SCLERODERMA, SYSTEMIC, radiography/ WRIST, radiography/ WRIST JOINT
3676. Rabkin R, Swann M, Shapiro DJ, et al: Effect of growth hormone on sodium transport and osmotic water flow across toad skin. Horm Metab Res 6:129-32, Mar 74

ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BIOLOGICAL TRANSPORT/ BLOOD PRESSURE/ CATTLE/ ELECTRIC CONDUCTIVITY/ IN VITRO/ MALE/ MEMBRANE POTENTIALS/ OSMOSIS/ RADIOISOTOPES/ RATS/ SHEEP/ SKIN, drug effects/ *SKIN, metabolism/ *SODIUM, metabolism/ SODIUM ISOTOPES/ *SOMATOTROPIN, pharmacodynamics/ TIME FACTORS/ VASOPRESSIN, pharmacodynamics/ *WATER, metabolism/ XENOPUS

3677. Rackwitz R, Otter HP, Jahrmärker H: Untersuchungen über den Myokardstoffwechsel des Meerschweinchens bei experimenteller Hyperthyreose. Verh Dtsch Ges Inn Med 79:1023-7, 1973 (Ger)
ANIMAL EXPERIMENTS/ ELECTRIC STIMULATION/ GUINEA PIGS/ HEART RATE/ *HYPERTHYROIDISM, metabolism/ MALE/ MYOCARDIUM, analysis/ *MYOCARDIUM, metabolism/ PHOSPHOCREATINE, analysis/ PROPRANOLOL, pharmacodynamics
3678. Raczew Z: Objawy stomatologiczne w niedoczynności przytarczyc. Czas Stomatol 27:337-43, Apr 74 (40 ref.) (Pol)
CALCITONIN, secretion/ CALCIUM, metabolism/ DENTAL ENAMEL HYPOPLASIA, etiology/ ENGLISH ABSTRACT/ HUMAN/ *HYPOPARATHYROIDISM, complications/ HYPOTHYROIDISM, metabolism/ MONILIASIS, ORAL, etiology/ *ORAL MANIFESTATIONS/ PARATHYROID GLANDS, secretion/ PARATHYROID GLANDS, surgery/ PARATHYROID HORMONE, secretion/ PHOSPHORUS, metabolism/ REVIEW/ THYROIDECTOMY, adverse effects/ TOOTH ABNORMALITIES, etiology/ TOOTH CALCIFICATION/ VITAMIN D, metabolism
3679. Raczynska A: Polekowe uszkodzenie wątroby ze szczególnym uwzględnieniem zmian i zaburzeń czynnościowych komórki wątrobowej po stosowaniu doustnych hormonalnych środków antykoncepcyjnych. Patol Pol 25:91-100, Jan-Mar 74 (Pol)
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LIVER, cytology/ LIVER, drug effects/ *LIVER, pathology/ *LIVER DISEASES, chemically induced/ MICROSCOPY, ELECTRON
3680. Rådberg C: Brain volume in acromegaly. An encephalographic investigation. Acta Radiol [Diagn] (Stockh) 15:113-33, Mar 74
ACROMEGALY, pathology/ *ACROMEGALY, radiography/ ADENOMA, CHROMOPHOBE, pathology/ *ADENOMA, CHROMOPHOBE, radiography/ ADULT/ AGED/ BRAIN, pathology/ BRAIN NEOPLASMS, pathology/ *BRAIN NEOPLASMS, radiography/ COMPARATIVE STUDY/ EPILEPSY, radiography/ FEMALE/ HEADACHE, radiography/ HUMAN/ MALE/ MIDDLE AGE/ PNEUMOENCEPHALOGRAPHY/ TOMOGRAPHY
3681. Radcliffe MA: Influence of adrenalectomy upon rat erythrocyte Na⁺ and K⁺ content, Na⁺ efflux rate and Mg²⁺- and (Na⁺ plus K⁺)-Mg²⁺-ATPase activities. Biochim Biophys Acta 339:303-10, 29 Mar 74
*ADENOSINE TRIPHOSPHATASE, blood/ *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, enzymology/ *ERYTHROCYTES, metabolism/ *MAGNESIUM, blood/ MALE/ PENTOBARBITAL, pharmacodynamics/ *POTASSIUM, blood/ RADIOISOTOPES/ *SODIUM, blood/ SODIUM CHLORIDE, pharmacodynamics/ SODIUM ISOTOPES/ STROPHANTHIN, pharmacodynamics/ TIME FACTORS
3682. Radó JF, Marosi J, Szende L, et al: Clinical value of the combinations of carbamazepine (tegretol), chlorpropamide (diabinese) and vasopressin in the

AUTHOR SECTION

- treatment of pituitary diabetes insipidus.
Endokrinologie 62:297-309, 1973
ADULT/ CARBAMAZEPINE, administration & dosage/ *CARBAMAZEPINE, therapeutic use/ CHLORPROPAMIDE, administration & dosage/ *CHLORPROPAMIDE, therapeutic use/ *DIABETES INSIPIDUS, drug therapy/ DIURESIS, drug effects/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ MALE/ VASOPRESSIN, administration & dosage/ *VASOPRESSIN, therapeutic use
3683. Radó JP, Szende L: Inhibition of clofibrate-induced antidiuresis by glybenclamide in patients with pituitary diabetes insipidus.
J Clin Pharmacol 5:290-5, May-Jun 74
CLOFIBRATE, administration & dosage/ *CLOFIBRATE, antagonists & inhibitors/ *DIABETES INSIPIDUS, physiopathology/ *DIURESIS, drug effects/ GLIBENCLAMIDE, administration & dosage/ *GLIBENCLAMIDE, pharmacodynamics/ GLOMERULAR FILTRATION RATE/ HUMAN
3684. Radu H, Ionescu V, Radu A, et al: Hypotrophic type I muscle fibres with central nuclei, and central myofibrillar lysis preferentially involving type II fibres. Eur Neurol 11:108-27, 1974
ADENOSINE TRIPHOSPHATASE, metabolism/ ALDOLASE, metabolism/ CALCIUM, metabolism/ CELL NUCLEUS/ DNA, metabolism/ ELECTROMYOGRAPHY/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ ISOENZYMES, metabolism/ MALE/ MICROSCOPY, ELECTRON/ MICROSOMES, enzymology/ MUSCLES, enzymology/ MUSCLES, metabolism/ *MUSCLES, pathology/ MUSCLES, physiopathology/ MUSCULAR DISEASES, enzymology/ *MUSCULAR DISEASES, familial & genetic/ MUSCULAR DISEASES, metabolism/ MUSCULAR DISEASES, pathology/ MUSCULAR DISEASES, physiopathology/ MYOFIBRILS/ MYOGLOBIN, metabolism/ RNA, metabolism
3685. Rahe RH, Rubin RT, Arthur RJ: The three investigators study. Serum uric acid, cholesterol, and cortisol variability during stresses of everyday life.
Psychosom Med 36:258-68, May-Jun 74
*ACTIVITIES OF DAILY LIVING/ ADULT/ *CHOLESTEROL, blood/ *EMOTIONS/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ PERIODICITY/ PILOT PROJECTS/ SEASONS/ *STRESS, PSYCHOLOGICAL/ *URIC ACID, blood
3686. Rahman F, Cain GD: Current concepts in therapy: drug-induced malabsorption--a review.
South Med J 66:724-7, Jan 73 (56 ref.)
ALCOHOL, ETHYL, adverse effects/ AMINOSALICYLIC ACID, adverse effects/ CALCIUM CARBONATE, adverse effects/ CHOLESTYRAMINE, adverse effects/ CLOFIBRATE, adverse effects/ COLCHICINE, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ DIPHENYLHYDANTOIN, adverse effects/ DIURETICS, adverse effects/ HUMAN/ *INTESTINAL ABSORPTION, drug effects/ *MALABSORPTION SYNDROMES, chemically induced/ MANNITOL, adverse effects/ METHOTREXATE, adverse effects/ REVIEW
3687. Rahn KH: Differentialtherapeutische Prinzipien bei der medikamentösen Hochdrucktherapie.
Internist (Berlin) 15:157-64, Mar 74 (Ger)
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, administration & dosage/ ANTIHYPERTENSIVE AGENTS, adverse effects/ ANTIHYPERTENSIVE AGENTS, antagonists & inhibitors/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ BLOOD PRESSURE, drug effects/ CARDIAC VOLUME, drug effects/ CLONIDINE, therapeutic use/ DIURETICS, THIAZIDE, therapeutic use/ DRUG COMBINATIONS/ GUANETHIDINE, therapeutic use/ HUMAN/ HYDRALAZINE, therapeutic use/ *HYPERTENSION, drug therapy/ KIDNEY FAILURE, CHRONIC, drug therapy/ METHYLDOPA, therapeutic use/ RENIN, blood/ RESERPINE, therapeutic use/ SPIRONOLACTONE, therapeutic use/ TIME FACTORS/ TRIAMTERENE, therapeutic use
3688. Raikhlin NT, Kvetnoi IM: Biologicheskaya identifikatsiya melatonina v enterokhromaffinnykh kletkakh.
Dokl Akad Nauk SSSR 215:731-2, 21 Mar 74 (Rus)
ANIMAL EXPERIMENTS/ APPENDIX, analysis/ BIOLOGICAL ASSAY/ *CHROMAFFIN SYSTEM, analysis/ HUMAN/ IN VITRO/ *MELATONIN, analysis/ MELATONIN, pharmacodynamics/ SKIN, drug effects
3689. Raiti S, Lifschitz F, Trias E, et al: Down's syndrome. Study of carbohydrate metabolism.
Acta Endocrinol (Kbh) 76:506-12, Jul 74
ARGININE, diagnostic use/ *BLOOD SUGAR, metabolism/ BODY HEIGHT/ FEMALE/ FSH, blood/ GLUCOSE TOLERANCE TEST/ HUMAN/ *INSULIN, blood/ INSULIN, diagnostic use/ LH, blood/ MALE/ *MONGOLISM, blood/ PUBERTY/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood/ STIMULATION, CHEMICAL/ TIME FACTORS
3690. Raiti S, MacLaren NK: Advances in human growth hormone research. Fed Proc 33:1682-5, Jun 74
CONGRESSES/ HUMAN/ HYPOTHALAMUS, physiology/ *RESEARCH/ RESEARCH SUPPORT/ SOMATOMEDIN, metabolism/ *SOMATOTROPIN/ SOMATOTROPIN, secretion/ SOMATOTROPIN, therapeutic use/ UNITED STATES
3691. Rajalakshmi R, Nakhasi HL: Effects of prenatal and postnatal nutritional deficiency on brain lipid composition in rats. Exp Neurol 44:103-12, Jul 74
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BIRTH WEIGHT/ BODY WEIGHT/ BRAIN, growth & development/ *BRAIN, metabolism/ CHOLESTEROL, metabolism/ FEMALE/ GANGLIOSIDES, metabolism/ GESTATIONAL AGE/ LACTATION/ *LIPIDS, metabolism/ MATERNAL BEHAVIOR/ ORGAN WEIGHT/ PHOSPHOLIPIDS, metabolism/ PREGNANCY, ANIMAL/ *PROTEIN DEFICIENCY, metabolism
3692. Rakitskaya VV, Shallapina VG: Soderzhanie noradrenalina v mozge zhivotnykh posle udaleniya nadpochechnykh zhelez.
Fiziol Zh SSSR 59:1337-40, Sep 73 (Rus)
ADRENAL CORTEX HORMONES, blood/ ADRENAL GLAND HYPOFUNCTION, physiopathology/ *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CEREBRAL CORTEX, analysis/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ HYPOTHALAMUS, analysis/ MALE/ NITROGEN, blood/ *NOREPINEPHRINE, analysis/ POTASSIUM, blood/ RATS/ SPECTROMETRY, FLUORESCENCE/ STRESS, physiopathology
3693. Rakoff J, VandenBerg G, Siler TM, et al: An integrated direct functional test of the adenohipophysis.
Am J Obstet Gynecol 119:358-68, 1 Jun 74
ADOLESCENCE/ ADULT/ AMENORRHEA, diagnosis/ AMENORRHEA, etiology/ ARGinine, diagnostic use/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FSH, blood/ FSH, metabolism/ HUMAN/ HYPOPIUITARISM, diagnosis/ *HYPOTHALAMO-HYPOPHYSAL SYSTEM, physiology/ HYPOTHALAMUS, physiopathology/ IODINE ISOTOPES, DIAGNOSTIC/ LACTATION DISORDERS, diagnosis/ LH, blood/ LH, metabolism/ LH-FSH RELEASING HORMONE, diagnostic use/ MALE/ PITUITARY DISEASES, diagnosis/ *PITUITARY GLAND, physiology/ *PITUITARY GLAND FUNCTION TESTS/ PREGNANCY/ PROLACTIN, blood/ PROLACTIN, metabolism/ RABBITS,

AUTHOR SECTION

- immunology/ SOMATOTROPIN, blood/
SOMATOTROPIN, metabolism/ STIMULATION,
CHEMICAL/ THYROTROPIN, blood/
THYROTROPIN, metabolism/ THYROTROPIN
RELEASING HORMONE, diagnostic use
3694. Rakut' VS, Balakleevskii AI, Matesha EI, et al: Obmen
serotonina pri normal'no protekaiushchei
beremennosti i ugroze ee preryvaniia.
Akush Ginekol (Mosk) 49:11-4, Nov 73 (Rus)
ABORTION, THREATENED, blood/
ABORTION, THREATENED, enzymology/
*ABORTION, THREATENED, metabolism/
ABORTION, THREATENED, urine/
CHROMATOGRAPHY/ FEMALE/
FLUOROMETRY/ HUMAN/ MONOAMINE
OXIDASE, blood/ *PREGNANCY/ SEROTONIN,
blood/ *SEROTONIN, metabolism/ TIME
FACTORS/ TRYPTOPHAN, blood
3695. Ralchev KKh, Ashmarin IP: O vzalmootnosheniakh
gormona rosta s glistonami.
Vopr Med Khim 20:249-53, May 74 (Rus)
ANIMAL EXPERIMENTS/ CHROMATIN,
analysis/ DNA, analysis/ DRUG
INTERACTIONS/ ELECTROPHORESIS,
POLYACRYLAMIDE GEL/ ENGLISH
ABSTRACT/ FEMALE/ *HISTONES,
pharmacodynamics/ HYPOPHYSECTOMY/
INJECTIONS, INTRAPERITONEAL/
INJECTIONS, SUBCUTANEOUS/ LIVER,
analysis/ LIVER, drug effects/ PITUITARY
GLAND, physiology/ *SOMATOTROPIN,
pharmacodynamics/ THYMUS GLAND/ TIME
FACTORS
3696. Ralston E, De Coen JL, Walter R: Tertiary structure of
H-Pro-Leu-Gly-NH₂, the factor that inhibits release of
melanocyte stimulating hormone, derived by
conformational energy calculations.
Proc Natl Acad Sci USA 71:1142-4, Apr 74
MSH/ *OLIGOPEPTIDES/ *PITUITARY
HORMONE RELEASING HORMONES,
antagonists & inhibitors/ PROTEIN
CONFORMATION
3697. Raman R, Sharma T: DNA replication, G- and C-bands
and meiotic behaviour of supernumerary
chromosomes of *Rattus rattus* (Linn.).
Chromosoma 45:111-9, 1 Mar 74
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ BONE MARROW
CELLS, cytology/ *CHROMOSOME
ABERRATIONS/ *DNA REPLICATION/
INDIA/ KARYOTYPING/ MALE/ *MEIOSIS/
NEPAL/ *RATS/ SPLEEN, cytology/ STAINS
AND STAINING/ TESTIS, cytology/
THYMIDINE/ TRITIUM
3698. Ramp WK, Toverud SU, Gonnerman WA: Effects of
cholecalciferol on bone formation and serum calcium,
phosphate and magnesium in chicks.
J Nutr 104:803-9, Jul 74
ANIMAL EXPERIMENTS/ ANIMAL
NUTRITION/ BODY WEIGHT, drug effects/
BONE AND BONES, drug effects/ BONE AND
BONES, metabolism/ *BONE DEVELOPMENT,
drug effects/ *CALCIUM, blood/ CHICKENS/
CHOLECALCIFEROL, administration & dosage/
*CHOLECALCIFEROL, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
ELEMENTS/ FEMUR, anatomy & histology/
HYPOCALCEMIA, etiology/ *MAGNESIUM,
blood/ MALE/ ORGAN WEIGHT/
*PHOSPHATES, blood/ VITAMIN D
DEFICIENCY, complications/ VITAMIN D
DEFICIENCY, metabolism
3699. Rampinelli L: Caso di "tumore a cellule granulose"
della mammella.
Pathologica 65:409-11, Nov-Dec 73 (Ita)
*BREAST NEOPLASMS/ BREAST
NEOPLASMS, diagnosis/ BREAST
NEOPLASMS, pathology/ ENGLISH
ABSTRACT/ FEMALE/ *GRANULOSA CELL
TUMOR/ HUMAN/ MIDDLE AGE/
*MYOBLASTOMA/ NOMENCLATURE
3700. Ramsay MA, Savage TM, Simpson BR, et al: Controlled
sedation with alphaxalone-alphadolone.
Br Med J 2:656-9, 22 Jun 74
BLOOD PRESSURE, drug effects/ CENTRAL
VENOUS PRESSURE, drug effects/ DRUG
COMBINATIONS/
ELECTROENCEPHALOGRAPHY/ FEMALE/
HEART RATE, drug effects/ HUMAN/
HYDROXYSTERIODS,
administration & dosage/ *HYPNOTICS AND
SEDATIVES, administration & dosage/
HYPNOTICS AND SEDATIVES,
pharmacodynamics/ INFUSIONS,
PARENTERAL/ INJECTIONS, INTRAVENOUS/
*INTENSIVE CARE UNITS/ LIVER
FUNCTION TESTS/ MALE/
*PREGNANEDIONES, administration & dosage/
RESPIRATION, drug effects/
TACHYPHYLAXIS/ TIME FACTORS
3701. Ramsdale DR: Further observations on urethral
chromaffin cells: an electron microscopic study.
Cell Tissue Res 148:499-504, 8 May 74
ANIMAL EXPERIMENTS/ AXONS/ CELL
NUCLEUS/ CELLULAR INCLUSIONS/
*CHROMAFFIN SYSTEM, cytology/
CYTOPLASMIC GRANULES/ EPITHELIAL
CELLS/ EXTRACELLULAR SPACE/ GOLGI
APPARATUS/ IN VITRO/ MALE/
MICROSCOPY, ELECTRON/ MICROSCOPY,
ELECTRON, SCANNING/ MICROTUBULES/
MITOCHONDRIA/ *URETHRA, cytology
3702. Ramsey WS: Retraction fibers and leucocyte
chemotaxis. Exp Cell Res 86:184-7, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ CELL ADHESION/ CELL
MEMBRANE/ *CHEMOTAXIS/ HUMAN/
*LEUKOCYTES, physiology/ MODELS,
BIOLOGICAL/ NEUTROPHILS, metabolism/
*RECEPTORS, DRUG
3703. Ramseyer J, Zala AP, Levy RP, et al: Secretion of
16alpha-hydroxyprogesterone and other steroids by
the adult human adrenal.
J Clin Endocrinol Metab 39:102-7, Jul 74
ADRENAL GLANDS, blood supply/
*ADRENAL GLANDS, secretion/ AGE
FACTORS/ CARBON RADIOISOTOPES/
CATHETERIZATION/ CHROMATOGRAPHY/
CORTICOSTERONE, secretion/
CORTICOTROPIN, pharmacodynamics/
FEMALE/ HUMAN/ HYDROCORTISONE,
secretion/ *HYDROXYPROGESTERONE,
secretion/ MALE/ TESTOSTERONE, secretion/
TRITIUM
3704. Ramu G: Management of reactions in leprosy.
J Indian Med Assoc 61:403-6, 1 Nov 73
ADRENAL CORTEX HORMONES, therapeutic
use/ CLOFAZIMINE, therapeutic use/ HAND
DEFORMITIES, ACQUIRED, therapy/ HUMAN/
IRIDOCYLITIS, drug therapy/ *LEPROSY,
complications/ LEPROSY, drug therapy/
NEURITIS, drug therapy/ SKIN ULCER, drug
therapy
3705. Randall WE, Hemken RW, Bull LS, et al: Effect of
dietary sodium and potassium on udder edema in
Holstein helpers. J Dairy Sci 57:472-5, Apr 74
ANIMAL EXPERIMENTS/ BLOOD/ BLOOD
PROTEINS, metabolism/ BODY WEIGHT/
*CATTLE DISEASES, etiology/ DIET/
DRINKING/ DRUG SYNERGISM/ EDEMA,
etiology/ *EDEMA, veterinary/ FEMALE/
LACTATION/ MILK, metabolism/ OSMOLAR
CONCENTRATION/ POTASSIUM, blood/
POTASSIUM, metabolism/ *POTASSIUM
CHLORIDE, adverse effects/ SODIUM, blood/
SODIUM, metabolism/ *SODIUM CHLORIDE,
adverse effects/ *UDDER/
WATER-ELECTROLYTE BALANCE, drug
effects
3706. Randle GH, Good W, Cumberbatch KN: Seromucoid in
serum in benign and malignant gynaecological
disorders.
J Obstet Gynaecol Br Commonw 81:479-82, Jun 74
BIOPSY/ *BLOOD PROTEINS, analysis/
CERVIX NEOPLASMS, blood/ FEMALE/
*GYNECOLOGIC DISEASES, blood/
*GYNECOLOGIC NEOPLASMS, blood/

AUTHOR SECTION

HUMAN/ *MUCOPROTEINS, blood/ OVARIAN NEOPLASMS, blood/ STERILITY, FEMALE, blood/ URINARY TRACT INFECTIONS, blood/ UTERINE NEOPLASMS, blood/ VULVAR NEOPLASMS, blood

3707. Randolph HE, Sharma KK: Influence of mastitis on properties of milk. IX. Isolated caseins. J Dairy Sci 57:551-5, May 74
ANIMAL EXPERIMENTS/ CASEIN, isolation & purification/ *CASEIN, metabolism/ FEMALE/ LACTATION/ *MASTITIS, BOVINE, metabolism/ MASTITIS, BOVINE, physiopathology/ MILK, analysis/ *MILK, metabolism/ NEURAMINIC ACIDS, metabolism/ PHOSPHORUS, metabolism/ RENNIN
3708. Rao CV: Prostaglandin receptors in the bovine corpus luteum cell membranes. Prostaglandins 6:533-6, 25 Jun 74
ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES, drug effects/ CELL MEMBRANE, metabolism/ *CORPUS LUTEUM, metabolism/ DEPRESSION, CHEMICAL/ ESTERASES, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FATTY ACIDS, pharmacodynamics/ GONADOTROPINS, CHORIONIC, metabolism/ HYDROGEN-ION CONCENTRATION/ INDOMETHACIN, pharmacodynamics/ IODINE RADIOISOTOPES/ OVARY, drug effects/ PROGESTERONE, biosynthesis/ *PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ *RECEPTORS, DRUG/ RECEPTORS, DRUG, drug effects/ RIBONUCLEOTIDES, pharmacodynamics/ STIMULATION, CHEMICAL/ TEMPERATURE/ TRITIUM
3709. Rao CV: Properties of gonadotropin receptors in the cell membranes of bovine corpus luteum. J Biol Chem 249:2864-72, 10 May 74
ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BINDING SITES/ CATTLE/ CELL MEMBRANE, metabolism/ CORPUS LUTEUM, cytology/ CORPUS LUTEUM, drug effects/ *CORPUS LUTEUM, metabolism/ CYTOSINE NUCLEOTIDES, pharmacodynamics/ FEMALE/ *GONADOTROPINS, CHORIONIC, metabolism/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GUANINE NUCLEOTIDES, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IODINE RADIOISOTOPES/ LH, metabolism/ MICE/ PEPTIDE HYDROLASES, pharmacodynamics/ PROSTAGLANDINS, metabolism/ *RECEPTORS, HORMONE/ SULFHYDRYL REAGENTS, pharmacodynamics/ TEMPERATURE/ TIME FACTORS/ TYROSINE, metabolism
3710. Rao GA, Abraham S: Fatty acid desaturation by mammary gland microsomes from lactating mice. Lipids 9:269-71, Apr 74
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ COENZYME A, metabolism/ FATTY ACID DESATURASES, antagonists & inhibitors/ *FATTY ACID DESATURASES, metabolism/ *FATTY ACIDS, metabolism/ FATTY ACIDS, UNSATURATED, biosynthesis/ FEMALE/ GLYCERIDES, biosynthesis/ GLYCEROPHOSPHATES, pharmacodynamics/ KINETICS/ LACTATION/ *MAMMAE, enzymology/ MICE/ *MICROSOMES, enzymology/ NAD, pharmacodynamics/ NADP, pharmacodynamics/ PHOSPHOLIPIDS, biosynthesis/ PREGNANCY/ STRUCTURE-ACTIVITY RELATIONSHIP
3711. Rao LG: Proceedings: Are 24-h urine collections necessary for oestrogen determinations in pregnancy? J Endocrinol 61:xxlxxx, Apr 74
AUTOANALYSIS/ CREATININE, urine/ *ESTRIOL, urine/ *ESTROGENS, urine/ FEMALE/ HUMAN/ METHODS/ PREGNANCY/ TIME FACTORS
3712. Rao M, Steiner P, Paydar M, et al: Electrophysiological changes in the heart of children with bronchial asthma during the acute attack and later during remission. J Asthma Res 11:113-21, Mar 74
ACUTE DISEASE/ AMINOPHYLLINE, therapeutic use/ ASTHMA, complications/ ASTHMA, drug therapy/ ASTHMA, familial & genetic/ *ASTHMA, physiopathology/ ASTHMA, therapy/ CARBON DIOXIDE, blood/ ECZEMA, complications/ ELECTROCARDIOGRAPHY/ FEMALE/ *HEART, physiopathology/ HEART ENLARGEMENT, etiology/ HUMAN/ MALE/ OXYGEN, blood/ PARTIAL PRESSURE/ POSITIVE-PRESSURE RESPIRATION/ REMISSION/ SPIROMETRY/ STEROIDS, therapeutic use/ VECTORCARDIOGRAPHY/ VITAL CAPACITY/ WATER-ELECTROLYTE BALANCE
3713. Rao PU, Belavady B: Effect of dietary protein on glycine amidinotransferase activity in lactating rat tissue. Indian J Biochem Biophys 10:269-72, Dec 73
*AMIDINOTRANSFERASES, analysis/ ANIMAL EXPERIMENTS/ CREATINE, analysis/ CREATININE, analysis/ *DIETARY PROTEINS/ FEMALE/ GLYCINE/ KIDNEY, enzymology/ *LACTATION/ *MAMMAE, enzymology/ PANCREAS, enzymology
3714. Rasche B, Ulmer WT: Klinische und biochemische Untersuchungen an Patienten mit Lungenemphysem bei alpha1-Antitrypsindefizit. Respiration 31:262-77, 1974 (Ger)
ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICIDS, therapeutic use/ HUMAN/ MALE/ PULMONARY EMPHYSEMA, drug therapy/ PULMONARY EMPHYSEMA, metabolism/ *PULMONARY EMPHYSEMA, physiopathology/ RESPIRATION/ SPUTUM, enzymology/ *TRYPSIN INHIBITORS, blood
3715. Rashevsky N: The epileptic neuron. II. Bull Math Biol 36:1-16, Feb 74
BLOOD/ CELL MEMBRANE PERMEABILITY/ ENDOCRINE GLANDS, physiopathology/ *EPILEPSY, etiology/ EXTRACELLULAR SPACE/ FATIGUE, complications/ HUMAN/ MATHEMATICS/ *NEURONS, physiology
3716. Rashid A, Posen GA, Gray D, et al: Bone disease in patients dialyzed with untreated water. Med Instrum 8:204-6, May-Jun 74
ALKALINE PHOSPHATASE, blood/ BIOPSY/ BONE RESORPTION/ CALCINOSIS, etiology/ CALCIUM, blood/ FRACTURES, etiology/ *HEMODIALYSIS, adverse effects/ HUMAN/ HYPERPARATHYROIDISM, complications/ MAGNESIUM, blood/ OSTEOSCLEROSIS, etiology/ PAIN, etiology/ PERIOSTITIS, etiology/ RENAL OSTEODYSTROPHY, complications/ *RENAL OSTEODYSTROPHY, etiology/ RENAL OSTEODYSTROPHY, pathology/ RENAL OSTEODYSTROPHY, radiography/ TIME FACTORS/ *WATER, analysis/ WATER SUPPLY
3717. Rasmussen H, Bordier F, Kurokawa K, et al: Hormonal control of skeletal and mineral homeostasis. Am J Med 56:751-8, Jun 74 (30 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ BONE AND BONES, cytology/ *BONE AND BONES, metabolism/ CALCIFICATION, PHYSIOLOGIC/ CALCITONIN, metabolism/ *CALCITONIN, metabolism/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM CARBONATE, therapeutic use/ CHOLECALCIFEROL, metabolism/ DIHYDROXYCHOLECALCIFEROLS, metabolism/ FEEDBACK/ HOMEOSTASIS/ HUMAN/ HYDROXYCHOLECALCIFEROL, therapeutic use/ HYPERPARATHYROIDISM, drug therapy/ HYPERPARATHYROIDISM, metabolism/ OSTEOCLASTS, physiology/ OSTEOCYTES, physiology/ *PARATHYROID HORMONE, metabolism/ PARATHYROID HORMONE, secretion/ REVIEW/ *VITAMIN D, metabolism/ VITAMIN D DEFICIENCY, metabolism
3718. Rastegar A, Agus Z, Connor TB, et al: Renal handling of

AUTHOR SECTION

- calcium and phosphate during mineralocorticoid "escape" in man. *Kidney Int* 2:279-86, Nov 72
CALCIUM, metabolism/ *CALCIUM, urine/
FEMALE/ HUMAN/ HYPERALDOSTERONISM, metabolism/ *HYPERALDOSTERONISM, urine/
*KIDNEY TUBULES, metabolism/ KIDNEY TUBULES, DISTAL, metabolism/ KIDNEY TUBULES, PROXIMAL, metabolism/ MALE/
*MINERALOCORTICOIDS, metabolism/
NATRIURESIS/ PHOSPHATES, metabolism/
*PHOSPHATES, urine/ SODIUM, metabolism/
*SODIUM, urine
3719. Rastogi GK: Editorial: Assay of plasma thyrotropin--an important advance in study of pituitary thyroid axis. *J Assoc Physicians India* 21:235-6, Feb 73
HUMAN/ *PITUITARY DISEASES, diagnosis/
RADIOIMMUNOASSAY/ *THYROID DISEASES, diagnosis/
THYROID GLAND FUNCTION TESTS/ *THYROTROPIN, blood
3720. Rastogi GK: Editorial: Autoimmune disorders of the thyroid gland. *J Assoc Physicians India* 21:79-81, Jan 73
AUTOANTIBODIES/ *AUTOIMMUNE DISEASES/ FEMALE/ HUMAN/
LONG-ACTING THYROID STIMULATOR/ MALE/ *THYROID DISEASES, etiology/
THYROIDITIS, immunology/ THYROIDITIS, LYMPHOMATOUS, immunology
3721. Rastogi GK, Das RJ, Sinha MK: Serum levels of pituitary gonadotropins in eugonadal men and those with gonadal dysfunction. *J Assoc Physicians India* 21:639-42, Aug 73
FSH, blood/ *GONADOTROPINS, PITUITARY, blood/ HUMAN/ LH, blood/ MALE/
RADIOIMMUNOASSAY/ *STERILITY, MALE, blood
3722. Rastogi GK, Dash RJ, Sinha MK: Radioimmunoassay of pituitary gonadotropins: serum levels in normal women and those with gonadal dysfunction. *J Assoc Physicians India* 21:643-9, Aug 73
*AMENORRHEA, blood/ FEMALE/ FSH, blood/ *GONADOTROPINS, PITUITARY, blood/ *HIRSUTISM, blood/ HUMAN/ LH, blood/ RADIOIMMUNOASSAY/
*TROPHOBLASTIC TUMOR, blood
3723. Rastogi GK, Dash RJ, Sinha MK, et al: TRH stimulated TSH response in euthyroid healthy subjects and patients with thyroid dysfunction. *J Assoc Physicians India* 21:627-31, Aug 73
FEMALE/ HUMAN/ MALE/
RADIOIMMUNOASSAY/ STIMULATION, CHEMICAL/ *THYROID DISEASES, blood/
*THYROTROPIN, blood/ *THYROTROPIN RELEASING HORMONE, diagnostic use
3724. Rastogi GK, Sinha MK, Dash RJ, et al: Plasma thyroid stimulating hormone (TSH) levels in health and thyroid disorders. *J Assoc Physicians India* 21:183-8, Feb 73
FEMALE/ HUMAN/ MALE/
RADIOIMMUNOASSAY/ *THYROID DISEASES, blood/ THYROID DISEASES, drug therapy/
*THYROTROPIN, blood
3725. Raszeja-Kotelba B, Janicka D: Przypadek mucinozis foliularis. *Przegl Dermatol* 60:243-6, Mar-Apr 73 (Pol)
ADMINISTRATION, ORAL/ ADULT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ PREDNISONE, administration & dosage/ *PREDNISONE, therapeutic use/ *SCALP DERMATOSES, drug therapy/ *SKIN DISEASES, drug therapy
3726. Ratcliffe WA, McBride AD, Harland WA, et al: Proceedings: The radioimmunoassay of thyroxine in unextracted human serum. *N Engl J Med* 291:11, 11 Jun 74
FEMALE/ HUMAN/ IODINE RADIOISOTOPES/ RABBITS, immunology/
RADIOIMMUNOASSAY/ THYROID DISEASES, blood/ *THYROXINE, blood
3727. Rathert P, Terhorst B, Lutzeyer W: Bleomycin bei malignen Genitaltumoren des Mannes. *Urologe [A]* 13:67-71, Mar 74 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGE FACTORS/ AGED/ BLEOMYCIN, adverse effects/ *BLEOMYCIN, therapeutic use/ CARCINOMA, EPIDERMAL, drug therapy/ CARCINOMA, EPIDERMAL, surgery/ CHLORAMBUCIL, therapeutic use/ CHORIOCARCINOMA, drug therapy/ CHORIOCARCINOMA, surgery/ CIRCUMCISION/ DACTINOMYCIN, therapeutic use/ DISGERMINOMA, drug therapy/ DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ HUMAN/ LUNG DISEASES, chemically induced/ LUNG NEOPLASMS/ LYMPH NODE EXCISION/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *PENILE NEOPLASMS, drug therapy/ PENILE NEOPLASMS, radiotherapy/ PENILE NEOPLASMS, surgery/ RADIOTHERAPY DOSAGE/ SKIN DISEASES, chemically induced/ TERATOID TUMOR, drug therapy/ TERATOID TUMOR, surgery/ *TESTICULAR NEOPLASMS, drug therapy/ TESTICULAR NEOPLASMS, radiotherapy/ TESTICULAR NEOPLASMS, surgery
3728. Ratzmann KP: Untersuchungen zur Adrenalin- und Noradrenalin-stimulierten FFS-Mobilisation in vitro am menschlichen Fettgewebe unterschiedlicher Regionen. *Dtsch Z Verdau Stoffwechselkr* 33:137-40, 1973 (Ger)
ABDOMEN/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, enzymology/ *ADIPOSE TISSUE, metabolism/
*EPINEPHRINE, pharmacodynamics/ *FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ HUMAN/ IN VITRO/ LIPASE, metabolism/ MALE/ MESENTERY/
*NOREPINEPHRINE, pharmacodynamics/ OMENTUM/ STIMULATION, CHEMICAL
3729. Ratzmann KP, Franke L, Hampel R, et al: Zum gehäuftem Auftreten von Erythema exsudativum multiforme minus bei männlichen Jugendlichen. *Z Aerzt Fortbild (Jena)* 67:1192-3, 1 Dec 73 (Ger)
AGE FACTORS/ ERYTHEMA MULTIFORME, diagnosis/ ERYTHEMA MULTIFORME, drug therapy/ *ERYTHEMA MULTIFORME, occurrence/ FEMALE/ GERMANY, EAST/ HUMAN/ MALE/ PREDNISOLONE, therapeutic use/ SEASONS/ SEX FACTORS/ SPORTS/ SULFAMERAZINE, therapeutic use/ SUNLIGHT/ TEMPERATURE/ VITAMIN B COMPLEX, therapeutic use
3730. Ratzmann KP, Knoke M: Glukagon und seine Wirkung auf den Gastrointestinaltrakt. *Z Gesamte Inn Med* 29:94-7, 1 Feb 74 (Ger)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, antagonists & inhibitors/ ADENYL CYCLASE, antagonists & inhibitors/ CALCIUM, blood/ DUODENAL ULCER, drug therapy/ ENGLISH ABSTRACT/ GASTRIC JUICE, secretion/ GASTRIC MUCOSA, drug effects/ GASTRIN, antagonists & inhibitors/ GASTROINTESTINAL MOTILITY, drug effects/
*GASTROINTESTINAL SYSTEM, drug effects/ *GLUCAGON, pharmacodynamics/ GLUCAGON, therapeutic use/ HUMAN/ STOMACH ULCER, drug therapy
3731. Razina LG, Katsilia GV: Funktsional'naya sistema gipotalamus-gipofiz-kora nadpochechnikov u sobak posle dlitel'nogo vvedeniya deksametazona. *Probl Endokrinol (Mosk)* 20:101-5, Mar-Apr 74 (Rus)
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ HYDROCORTISONE, secretion/ HYPOTHALAMUS, drug effects/
*HYPOTHALAMUS, physiology/ INFUSIONS, PARENTERAL/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, physiology/ TIME FACTORS
3732. Reagen CR, Sproul GT, Pace RC, et al: Pituitary gland polyribosomal function in rats bearing pituitary hormone-secreting tumors.

AUTHOR SECTION

Biochim Biophys Acta 353:77-88, 14 Jun 74

AMINO ACID ACTIVATION/ ANIMAL
EXPERIMENTS/ BINDING SITES/
CENTRIFUGATION, DENSITY GRADIENT/
CYTOSOL, metabolism/ FEMALE/ GEL
FILTRATION/ NEOPLASM PROTEINS,
biosynthesis/ NEOPLASMS, EXPERIMENTAL,
metabolism/ NEOPLASMS, EXPERIMENTAL,
pathology/ PHENYLALANINE, metabolism/
PITUITARY GLAND, cytology/ *PITUITARY
GLAND, metabolism/ PITUITARY GLAND,
pathology/ PITUITARY GLAND, secretion/
PITUITARY HORMONES, secretion/
*PITUITARY NEOPLASMS, metabolism/
PITUITARY NEOPLASMS, pathology/
*POLYRIBOSOMES, metabolism/ RIBOSOMES,
metabolism/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ SUBCELLULAR FRACTIONS,
metabolism/ TIME FACTORS/ TRITIUM/
ULTRACENTRIFUGATION

3733. Rebrova LA: Polovof khromatin pri
immunogeneticheskom konfliktke.
Tsitol Genet 8:161-3, Mar 74 (Rus)
CHEEK/ ENGLISH ABSTRACT/ FEMALE/
HUMAN/ *IMMUNOGENETICS/ MOUTH
MUCOSA, cytology/ *RH FACTORS/ *SEX
CHROMATIN, analysis

3734. Rebuck AS: Symposium on allergic lung disease. I. The
clinical picture of asthma.
Can Med Assoc J 110:409-13, 16 Feb 74
ADRENAL CORTEX HORMONES, therapeutic
use/ AEROSOLS/ *ASTHMA, diagnosis/
ASTHMA, drug therapy/ ASTHMA,
physiopathology/ ASTHMA, therapy/
BRONCHODILATOR AGENTS, administration
& dosage/ BRONCHODILATOR AGENTS,
therapeutic use/ CARBON DIOXIDE, blood/
HUMAN/ OXYGEN, blood/ RESPIRATORY
FUNCTION TESTS

3735. Reck G, Vetter W, Armbruster H, et al: Endokrine
Hypertonie.
Praxis 63:589-97, 14 May 74 (Ger)
ADRENAL GLAND NEOPLASMS,
complications/ ADRENAL GLAND
NEOPLASMS, physiopathology/ ADULT/
CUSHING'S SYNDROME, complications/
CUSHING'S SYNDROME, physiopathology/
*ENDOCRINE DISEASES, complications/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
HYPERALDOSTERONISM, complications/
HYPERALDOSTERONISM, physiopathology/
*HYPERTENSION, etiology/ MALE/
PHEOCHROMOCYTOMA, complications

3736. Redburn DA, Cotman CW: Calcium-dependent release
of (14C)GABA from vinblastine and colchicine
treated synaptosomes. Brain Res 73:550-7, 28 Jun 74
*AMINO BUTYRIC ACID, metabolism/ ANIMAL
EXPERIMENTS/ CALCIUM, metabolism/
CARBON RADIOISOTOPES/ *COLCHICINE,
pharmacodynamics/ DEPRESSION, CHEMICAL/
IN VITRO/ MALE/ *MICROTUBULES,
metabolism/ RATS, INBRED STRAINS/
*SYNAPTOSOMES, metabolism/ TIME
FACTORS/ *VINBLASTINE, pharmacodynamics

3737. Reddi AH: Bone matrix in the solid state: geometric
influence on differentiation of fibroblasts.
Adv Biol Med Phys 15:1-18, Jun 74 (44 ref.)
ALKALINE PHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ *BONE AND
BONES, metabolism/ CALCIUM
RADIOISOTOPES/ CELL DIFFERENTIATION/
CITRATES, metabolism/ FIBROBLASTS,
cytology/ FIBROBLASTS, drug effects/
*FIBROBLASTS, metabolism/
HISTOCYTOCHEMISTRY/
HYPOPHYSECTOMY/ LACTATE
DEHYDROGENASE, metabolism/ MALATE
DEHYDROGENASE, metabolism/
MUCOPROTEINS, biosynthesis/ PHENOTYPE/
PHOSPHORUS RADIOISOTOPES/ PITUITARY
GLAND, physiology/ REVIEW/
SOMATOTROPIN, pharmacodynamics/
SULFATES, metabolism/ SULFUR
RADIOISOTOPES/ TIME FACTORS/ TOOTH,

metabolism/ TRANSPLANTATION,
HOMOLOGOUS

3738. Reddi AH, Huggins CB: Cyclic electrochemical
inactivation and restoration of competence of bone
matrix to transform fibroblasts.
Proc Natl Acad Sci USA 71:1648-52, May 74
ALKALINE PHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ *BONE
DEVELOPMENT/ BONE MATRIX,
drug effects/ BONE MATRIX, enzymology/
BONE MATRIX, metabolism/ *BONE MATRIX,
physiology/ BUFFERS/ CALCIFICATION,
PHYSIOLOGIC/ CALCIUM RADIOISOTOPES/
*CELL DIFFERENTIATION/ CELL
DIFFERENTIATION, drug effects/ DYES,
pharmacodynamics/ ELECTROCHEMISTRY/
ELECTROPHYSIOLOGY/ FIBROBLASTS,
physiology/ HISTOCYTOCHEMISTRY/
HYDROGEN-ION CONCENTRATION/ MALE/
RATS, INBRED STRAINS

3739. Reddy V, Sivakumar B: Magnesium-dependent
vitamin-D-resistant rickets. Lancet 1:963-5, 18 May 74
ADMINISTRATION, ORAL/ ALKALINE
PHOSPHATASE, blood/ CALCIUM, blood/
CASE REPORT/ CHILD, PRESCHOOL/
CHLORIDES, administration & dosage/
CHLORIDES, therapeutic use/ FEMALE/
HUMAN/ MAGNESIUM, administration &
dosage/ MAGNESIUM, blood/ *MAGNESIUM,
therapeutic use/ *MAGNESIUM DEFICIENCY,
complications/ MALE/ PHOSPHORUS, blood/
RICKETS, VITAMIN D RESISTANT, blood/
RICKETS, VITAMIN D RESISTANT,
complications/ *RICKETS, VITAMIN D
RESISTANT, drug therapy/ RICKETS,
VITAMIN D RESISTANT, enzymology/ ZINC,
blood

3740. Redgate ES, Szechtman H, Fahringer EE: The effect of
plasma cortisol concentration on the pituitary adrenal
response elicited by electrical stimulation of the
infundibular area of the awake unrestrained cat.
Horm Res 5:173-81, 1974
ADRENAL GLANDS, drug effects/ *ADRENAL
GLANDS, physiology/ ANIMAL
EXPERIMENTS/ COMPARATIVE STUDY/
CONDITIONING (PSYCHOLOGY)/
CORTICOSTERONE, blood/ CORTICOTROPIN,
blood/ CORTICOTROPIN, secretion/
ELECTRIC STIMULATION/ ELECTRODES/
*HYDROCORTISONE, blood/
HYDROCORTISONE, pharmacodynamics/
HYPOTHALAMUS, drug effects/
*HYPOTHALAMUS, physiology/ MALE/
PHENOBARBITAL, pharmacodynamics/
PITUITARY GLAND, drug effects/
*PITUITARY GLAND, physiology/ PITUITARY
GLAND, secretion/ TIME FACTORS/
WAKEFULNESS

3741. Red'kin IuV: Vylavlaemost' i morfologiya polovogo
khromatina u novorozhdennykh pro razlichnykh
metodakh okarski. Lab Delo 5:307-8, 1974 (Rus)
CHEEK/ COMPARATIVE STUDY/ HUMAN/
*INFANT, NEWBORN/ MOUTH MUCOSA,
cytology/ *SEX CHROMATIN, analysis/
*STAINS AND STAINING

3742. Reece RW, Hackler RH: Spontaneous rupture of the
ureter. South Med J 67:739-41, Jun 74
ADENOMA, complications/ ADULT/ CASE
REPORT/ FEMALE/ HUMAN/ PARATHYROID
NEOPLASMS, complications/ PROTEUS
INFECTIONS/ PROTEUS MIRABILIS/
RUPTURE, SPONTANEOUS/ *URETERAL
CALCULI, complications/ *URETERAL
DISEASES/ URETERAL DISEASES,
complications/ URETERAL DISEASES,
radiography/ URETERAL DISEASES, surgery/
URINARY TRACT INFECTIONS, etiology/
UROGRAPHY

3743. Rees LH, Bloomfield GA, Rees GM, et al: Multiple
hormones in a bronchial tumor.
J Clin Endocrinol Metab 38:1090-7, Jun 74
AMINOGLUTETHIMIDE, therapeutic use/
*CARCINOMA, OAT CELL, blood/
CARCINOMA, OAT CELL, drug therapy/

AUTHOR SECTION

- CARCINOMA, OAT CELL, pathology/ CELLS, CULTURED/ CORTICOTROPIN, blood/ FEMALE/ HUMAN/ INSULIN, blood/ *LUNG NEOPLASMS, blood/ LUNG NEOPLASMS, drug therapy/ LUNG NEOPLASMS, pathology/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ MSH, blood/ NEUROPHYSINS, blood/ OXYTOCIN, blood/ PEPTIDES, blood/ PROLACTIN, blood/ VASOPRESSIN, blood
3744. Rees LH, Ratcliffe JG: Ectopic hormone production by non-endocrine tumours.
Cln Endocrinol (Oxf) 3:263-99, Jul 74 (94 ref.)
BRONCHIAL NEOPLASMS, metabolism/ CALCITONIN, secretion/ CARCINOMA, OAT CELL, metabolism/ CORTICOTROPIN, secretion/ ERYTHROPOIETIN, secretion/ FLUORESCENT ANTIBODY TECHNIC/ GASTROINTESTINAL HORMONES, secretion/ GONADOTROPINS, PITUITARY, secretion/ HISTOCYTOCHEMISTRY/ *HORMONES, ECTOPIC, secretion/ HUMAN/ HYPERCALCEMIA, etiology/ INSULIN, secretion/ NEOPLASM METASTASIS/ *NEOPLASTIC ENDOCRINE-LIKE SYNDROMES, metabolism/ NEOPLASTIC ENDOCRINE-LIKE SYNDROMES, occurrence/ NEOPLASTIC ENDOCRINE-LIKE SYNDROMES, therapy/ NEUROPHYSINS, secretion/ OXYTOCIN, secretion/ PARATHYROID HORMONE, secretion/ PLACENTAL LACTOGEN, secretion/ PROLACTIN, secretion/ REVIEW/ SOMATOTROPIN, secretion/ THYROTROPIN, secretion/ VASOPRESSIN, secretion
3745. Regard E: Etude de la glande thyroïde de l'Axolotl (*Ambystoma mexicanum*): hétérogénéité morphologique et fonctionnelle.
Gen Comp Endocrinol 23:199-211, Jun 74 (Fre)
*AMBYSTOMA, physiology/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ EPITHELIAL CELLS, cytology/ GOLGI APPARATUS/ HYPOPHYSECTOMY/ PEROXIDASES, metabolism/ PITUITARY GLAND, physiology/ THYROID GLAND, cytology/ THYROID GLAND, enzymology/ *THYROID GLAND, physiology
3746. Reichelt A, Imping G: Operative Probleme bei Achsenabweichungen der Beine. II. Das Genu valgum.
Z Orthop 111:200-4, Apr 73 (Ger)
ADOLESCENCE/ BONE DISEASES, complications/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ EPIPHYSES/ FEMALE/ FEMUR, surgery/ FOOT DEFORMITIES, ACQUIRED, etiology/ FROEHLICH'S SYNDROME, complications/ HUMAN/ *JOINT DISEASES, surgery/ *KNEE JOINT/ LEG INJURIES, complications/ MALE/ POLIOMYELITIS, complications/ RICKETS, complications/ TIBIA, surgery
3747. Reichert LE Jr, Bhalla VK: A comparison of the properties of FSH from several species as determined by a rat testis tubule receptor assay.
Gen Comp Endocrinol 23:111-7, May 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATTLE/ FEMALE/ *FSH, metabolism/ GONADOTROPINS, EQUINE/ HUMAN/ IODINE RADIOISOTOPES/ LH, metabolism/ MALE/ OVARY, metabolism/ RABBITS/ RADIOLIGAND ASSAY/ RATS/ *RECEPTORS, HORMONE/ SHEEP/ SWINE/ *TESTIS, metabolism
3748. Reimann EM, Rapino NG: Partial purification and characterization of an adenosine 3',5'-monophosphate-dependent protein kinase from rabbit gastric mucosa.
Biochim Biophys Acta 350:201-4, 20 May 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ BINDING SITES/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ GASTRIC MUCOSA, drug effects/ *GASTRIC MUCOSA, enzymology/ GEL FILTRATION/ KINETICS/ MACROMOLECULAR SYSTEMS/ MAGNESIUM/ MOLECULAR WEIGHT/ PHOSPHORUS RADIOISOTOPES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *PROTEIN KINASE/ PROTEIN KINASE, isolation & purification/ PROTEIN KINASE, metabolism/ SERUM ALBUMIN, BOVINE/ TRITIUM
3749. Reimers TJ, Dziuk FJ: The survival of intrauterine skin autografts and allografts in sheep.
J Reprod Fertil 38:465-7, Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/ COMPARATIVE STUDY/ ESTROGENS, pharmacodynamics/ FEMALE/ GRAFT REJECTION/ PROGESTERONE, pharmacodynamics/ *SHEEP/ *SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ UTERUS, drug effects/ *UTERUS, immunology
3750. Reinhard W, Weber G, Petres J: Vergleichende Untersuchungen mit Halcinonid und Fluocortolon bei lokaler Applikation.
Z Hautkr 49:267-72, 1 Apr 74 (Ger)
CLINICAL RESEARCH/ COMPARATIVE STUDY/ DERMATITIS, CONTACT, drug therapy/ DRUG EVALUATION/ ECZEMA, drug therapy/ FEMALE/ *GLUCOCORTICOIDS, TOPICAL, therapeutic use/ HUMAN/ MALE/ NEURODERMATITIS, drug therapy/ *PREGNANES, therapeutic use/ PSORIASIS, drug therapy/ SEBORRHEA, drug therapy/ *SKIN DISEASES, drug therapy/ *TRIAMCINOLONE ACETONIDE, therapeutic use
3751. Reinken L, Dapunt O: Vitamin-B6-Mangel als Ursache der perloralen Dermatoze nach Einnahme oraler Contraceptiva.
Int J Vitam Nutr Res 44:75-80, 1974 (Ger)
ASPARTATE AMINOTRANSFERASE, blood/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ ERYTHROCYTES, enzymology/ *FACIAL DERMATOSES, chemically induced/ FEMALE/ HUMAN/ MENSTRUATION/ PYRIDOXAL PHOSPHATE, blood/ PYRIDOXINE, urine/ PYRIDOXINE DEFICIENCY, blood/ *PYRIDOXINE DEFICIENCY, chemically induced/ PYRIDOXINE DEFICIENCY, enzymology
3752. Reintoft M: Polymyalgia rheumatica in a geriatric department. Nine patients with an average age of 83 years.
Gerontol Clin (Basel) 15:247-52, 1973
HUMAN/ *POLYMYALGIA RHEUMATICA, diagnosis/ POLYMYALGIA RHEUMATICA, drug therapy/ POLYMYALGIA RHEUMATICA, occurrence/ RATS/ STEROIDS, therapeutic use
3753. Reiss E, Canterbury JM: Spectrum of hyperparathyroidism. Am J Med 56:794-9, Jun 74
ADENOMA, complications/ AFFECTIVE DISTURBANCES, complications/ CALCIUM, blood/ HUMAN/ HYPERPARATHYROIDISM, blood/ *HYPERPARATHYROIDISM, classification/ HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, etiology/ KIDNEY CALCULI, blood/ KIDNEY CALCULI, complications/ *NOMENCLATURE/ PARATHYROID HORMONE, blood/ PARATHYROID NEOPLASMS, complications/ PEPTIC ULCER, complications/ RADIOIMMUNOASSAY
3754. Reiter RJ: Involvement of pineal indoles and polypeptides with the neuroendocrine axis.
Prog Brain Res 39:281-7, 1973 (42 ref.)
ANIMAL EXPERIMENTS/ *ENDOCRINE GLANDS, innervation/ ENDOCRINE GLANDS, physiology/ GONADS, drug effects/ HYDROXYINDOLEACETIC ACID, metabolism/ *INDOLES/ INDOLES, metabolism/ MELATONIN, pharmacodynamics/ METHYLTRANSFERASES, metabolism/ PEPTIDES, pharmacodynamics/ *PEPTIDES, physiology/ PINEAL BODY/ PINEAL BODY, enzymology/ *PINEAL BODY, physiology/

AUTHOR SECTION

REVIEW/ TISSUE EXTRACTS,
pharmacodynamics

3755. Remagen W, Grade J: Influence of coprophagy prevented by partial immobilization on calcium metabolism and bone morphology in the rat. *Res Exp Med (Berl)* 162:313-21, 1974

ANIMAL EXPERIMENTS/ BODY WEIGHT/
BONE AND BONES, pathology/ BONE
RESORPTION/ *CALCIUM, metabolism/
CALCIUM, urine/ CALCIUM RADIOISOTOPES/
COMPUTERS/ *COPROPHAGIA, metabolism/
COPROPHAGIA, pathology/ FEMALE/
HINDLIMB, pathology/ IMMOBILIZATION

3756. Remold-O'Donnell E: Stimulation and desensitization of macrophage adenylate cyclase by prostaglandins and catecholamines. *J Biol Chem* 249:361-21, 10 Jun 74

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
biosynthesis/ ADENYL CYCLASE, antagonists
& inhibitors/ *ADENYL CYCLASE,
metabolism/ ANIMAL EXPERIMENTS/
CARBON RADIOISOTOPES/ CASEIN,
pharmacodynamics/ *CATECHOLAMINES,
pharmacodynamics/ CELL ADHESION/
CORTICOTROPIN, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
EPINEPHRINE, pharmacodynamics/
EXUDATES AND TRANSUDATES/
FLUORIDES, pharmacodynamics/ GLASS/
GLUCAGON, pharmacodynamics/ GUINEA
PIGS/ HISTAMINE, pharmacodynamics/
*MACROPHAGES, enzymology/ PERITONEAL
CAVITY/ PROSTAGLANDINS, administration
& dosage/ *PROSTAGLANDINS,
pharmacodynamics/ SODIUM,
pharmacodynamics/ STRUCTURE-ACTIVITY
RELATIONSHIP/ TRITIUM/ VASOPRESSIN,
pharmacodynamics

3757. Remold-O'Donnell E, Remold HG: The enhancement of macrophage adenylate cyclase by products of activated lymphocytes.

J Biol Chem 249:3622-7, 10 Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
biosynthesis/ *ADENYL CYCLASE,
metabolism/ ANIMAL EXPERIMENTS/
BLOOD/ CARBON RADIOISOTOPES/
CATECHOLAMINES, pharmacodynamics/
CONCANAVALLIN A, pharmacodynamics/
FLUORIDES, pharmacodynamics/ GUINEA
PIGS/ *IMMUNITY, CELLULAR/
INDOMETHACIN, pharmacodynamics/
KINETICS/ LYMPH NODES/ LYMPHOCYTE
TRANSFORMATION/ LYMPHOCYTES, drug
effects/ MACROPHAGES, drug effects/
*MACROPHAGES, enzymology/
MACROPHAGES, metabolism/ PERITONEAL
CAVITY/ PROPRANOLOL, pharmacodynamics/
PROSTAGLANDINS, pharmacodynamics/ TIME
FACTORS/ TRITIUM

3758. Rémy J, Béguery P, Binot A, et al: La dysplasie spondylo-épiphyse tardive. A propos de trois observations nouvelles.

J Radiol Electrol Med Nucl 54:805-12, Nov 73 (Fre)
ADOLESCENCE/ AGE FACTORS/ CHILD/
DIAGNOSIS, DIFFERENTIAL/ DWARFISM,
etiology/ DYSCHONDROPLASIA, radiography/
ECCENTRO-OSTEOCHONDRODYSPLASIA,
familial & genetic/ *ECCENTRO-
OSTEOCHONDRODYSPLASIA, radiography/
ENGLISH ABSTRACT/ EPIPHYSES,
radiography/ EXTREMITIES, radiography/
GENES, RECESSIVE/ HUMAN/ JOINT
DISEASES, etiology/ KYPHOSIS, etiology/
MALE/ OSTEOARTHRITIS, etiology/
SCOLIOSIS, etiology/ SEX FACTORS/ SPINAL
DISEASES, etiology/ SPINAL DISEASES,
radiography/ SPINE, radiography

3759. Renaud A, Sverdluk RC, Andrade LL: Effects of hypothyroidism on serum immunoreactive insulin, free fatty acids and blood sugar in the dog as tested for oral glucose tolerance. Corrective effects of thyroxine therapy. *Horm Metab Res* 6:137-41, Mar 74

ANIMAL EXPERIMENTS/ *ANTIGENS/
*BLOOD SUGAR, metabolism/ BODY
WEIGHT/ CHOLESTEROL, blood/
COMPARATIVE STUDY/ DOGS/ *FATTY

ACIDS, NONESTERIFIED, blood/ FEMALE/
GLUCOSE TOLERANCE TEST/
*HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, drug therapy/ *INSULIN,
blood/ IODINE, blood/ MALE/ THYROID
GLAND, physiology/ THYROIDECTOMY/
*THYROXINE, therapeutic use/ TIME
FACTORS

3760. Renfree MB: Proteins in the uterine secretions of the marsupial *Macropus eugenii*. *Dev Biol* 32:41-9, May 73

ALBUMINS, analysis/ ALPHA GLOBULIN,
analysis/ ANIMAL EXPERIMENTS/ ASCITIC
FLUID, analysis/ BETA GLOBULIN, analysis/
BLASTOCYST/ BLOOD PROTEINS, analysis/
ELECTROPHORESIS, DISC/ ENDOMETRIUM,
secretion/ ESTRUS/ FEMALE/ LYMPH,
analysis/ *MARSUPIALIA, metabolism/
PREGNANCY/ PROGESTERONE,
pharmacodynamics/ PROTEINS, analysis/
*PROTEINS, secretion/ SECRETORY RATE,
drug effects/ SERUM ALBUMIN, analysis/
UTERUS, drug effects/ *UTERUS, secretion

3761. Renfree MB, Tyndale-Biscoe CH: Intrauterine development after diapause in the marsupial *Macropus eugenii*. *Dev Biol* 32:28-40, May 73

ANIMAL EXPERIMENTS/ BLASTOCYST/
CORPUS LUTEUM, drug effects/ CORPUS
LUTEUM, physiology/ ENDOMETRIUM,
physiology/ ESTRUS/ FEMALE/ LACTATION/
*MARSUPIALIA, embryology/ OVARY,
cytology/ OVARY, physiology/ PREGNANCY/
PROGESTERONE, pharmacodynamics/
SEASONS/ TIME FACTORS

3762. Rennie MJ, Jennett S, Johnson RH: The metabolic effects of strenuous exercise: a comparison between untrained subjects and racing cyclists.

Q J Exp Physiol 59:201-12, Jul 74
BLOOD SUGAR/ *EXERTION/ FATTY ACIDS,
NONESTERIFIED, blood/ GLYCERIN, blood/
HEART RATE/ HUMAN/ INSULIN, blood/
*KETONE BODIES, blood/ LACTATES, blood/
MALE/ *OXYGEN CONSUMPTION/
*PHYSICAL EDUCATION AND TRAINING/
PYRUVATES, blood/ RESPIRATION/
SOMATOTROPIN, blood

3763. Reschini E, Giustina G, D'Alborton A, et al: Circadian rhythm of plasma corticosteroids in congenital adrenal hyperplasia.

Clin Endocrinol (Oxf) 3:209-13, Apr 74
*ADRENAL GLAND DISEASES, blood/
ADRENAL GLAND DISEASES, congenital/
ADRENAL GLAND DISEASES, urine/
*CIRCADIAN RHYTHM/ COMPARATIVE
STUDY/ *CORTICOSTERONE, blood/
DEXAMETHASONE, pharmacodynamics/
FEMALE/ HUMAN/
17-HYDROXYCORTICOSTEROIDS, blood/
17-HYDROXYCORTICOSTEROIDS, urine/
*HYPERPLASIA, blood/ HYPERPLASIA,
congenital/ HYPERPLASIA, urine/
17-KETOSTEROIDS, blood/ 17-KETOSTEROIDS,
urine/ PREGNANETRIOL, blood/
PREGNANETRIOL, urine/ PROGESTERONE,
blood/ SPECTROMETRY, FLUORESCENCE

3764. Resegotti L, Infelise VE, Degani GF: Associazione familiare di sindrome di Zinsser-Engman-Cole e leucemia linfatica cronica.

Minerva Med 65:1717-24, 15 Apr 74 (Ita)
ANEMIA, APLASTIC, familial & genetic/
CASE REPORT/ CRYPTORCHISM, familial &
genetic/ ENGLISH ABSTRACT/ HUMAN/
*KERATOSIS, familial & genetic/
*LEUKEMIA, LYMPHOCYTIC, familial &
genetic/ LEUKOPLAKIA, ORAL, familial &
genetic/ MALE/ MENTAL RETARDATION,
familial & genetic/ NAILS, MALFORMED,
familial & genetic/ *PIGMENTATION
DISORDERS, familial & genetic/ SYNDROME

3765. Revoltella R, Bertolini L, Pediconi M: Unmasking of nerve growth factor membrane-specific binding sites in synchronized murine C 1300 neuroblastoma cells.

Exp Cell Res 85:89-94, 30 Mar 74
AZIDES, pharmacodynamics/ BINDING SITES,
drug effects/ CARBON RADIOISOTOPES/

AUTHOR SECTION

- CELL LINE/ CELL MEMBRANE/
COMPARATIVE STUDY/ DNA, NEOPLASM,
biosynthesis/ EDTA, pharmacodynamics/
ERYTHROCYTES/ FERRITIN/ GAMMA
GLOBULIN/ *IMMUNE ADHERENCE
REACTION/ MICE/ MICROSCOPY,
ELECTRON/ MITOSIS/ *NERVE GROWTH
FACTOR/ *NEUROBLASTOMA, immunology/
NEUROBLASTOMA, metabolism/ PROTEIN
BINDING/ RABBITS/ RIBONUCLEASE/
SERUM ALBUMIN, BOVINE/ SHEEP/
THYMIDINE, metabolism/ TRITIUM/
TRYPSIN, pharmacodynamics
3766. Revúsová V, Gratzlová J, Rezníček J: Urinary
magnesium excretion in patients on regular
haemodialysis and vitamin D treatment.
Int Urol Nephrol 5:325-9, 1974
ADOLESCENCE/ ADULT/ CALCIUM, urine/
CREATININE, urine/ FEMALE/
GLOMERULAR FILTRATION RATE/
*HEMODIALYSIS/ HUMAN/ KIDNEY
FAILURE, ACUTE, blood/ KIDNEY FAILURE,
ACUTE, physiotherapy/ KIDNEY FAILURE,
CHRONIC, therapy/ *KIDNEY FAILURE,
CHRONIC, urine/ KIDNEY TUBULES,
physiotherapy/ MAGNESIUM, blood/
*MAGNESIUM, urine/ MALE/ PHOSPHATES,
urine/ *VITAMIN D, therapeutic use
3767. Rewerski W, Gumulka W, Piechocki R: Effects of
prostaglandins on the aggressive behavior in rodents.
Pol J Pharmacol Pharm 26:269-73, Jan-Apr 74
*AGGRESSION, drug effects/ ANIMAL
EXPERIMENTS/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ MALE/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics
3768. Reynafarje B, Lehninger AL: The cause of
superstoichiometric Ca^{2+} uptake and H^+ ejection in
L1210 mouse ascites tumor mitochondria.
Biochem Biophys Res Commun 57:286-92, 15 Mar 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ *CALCIUM, metabolism/
CALCIUM RADIOISOTOPES/ ELECTRON
TRANSPORT/ *HYDROGEN, metabolism/
HYDROGEN-ION CONCENTRATION/
KINETICS/ *LEUKEMIA L1210, metabolism/
MICE/ *MITOCHONDRIA, metabolism/
OXIDATIVE PHOSPHORYLATION/ OXYGEN
CONSUMPTION/ ROTENONE/ TIME FACTORS
3769. Reynhout JK, Smith LD: Studies on the appearance and
nature of a maturation-inducing factor in the
cytoplasm of amphibian oocytes exposed to
progesterone. Dev Biol 38:394-400, Jun 74
AMBYSTOMA, embryology/ *AMPHIBIA,
embryology/ ANIMAL EXPERIMENTS/ CELL
DIVISION/ *CYTOPLASM, metabolism/
FROGS/ *GROWTH SUBSTANCES,
biosynthesis/ *OVUM, growth & development/
*PROGESTERONE, pharmacodynamics/ RANA
PIPIENS, embryology/ TIME FACTORS/
XENOPUS, embryology
3770. Reynier J, Laurian C: Les nerfs laryngés en chirurgie
thyroïdienne.
Ann Chir 28:189-95, Mar 74 (Fre)
ENGLISH ABSTRACT/ HUMAN/
*LARYNGEAL NERVES, anatomy & histology/
LARYNGOSCOPY/ POSTOPERATIVE
COMPLICATIONS, prevention & control/
*THYROID GLAND, surgery/ VOCAL CORD
PARALYSIS, prevention & control
3771. Reynolds RW, Bryson G: Effect of estradiol on the
hypothalamic regulation of body weight in the rat.
Res Commun Chem Pathol Pharmacol 7:715-24, Apr 74
ANIMAL EXPERIMENTS/ *BODY WEIGHT,
drug effects/ CASTRATION/ *ESTRADIOL,
pharmacodynamics/ FEMALE/
*HYPOTHALAMUS, drug effects/
HYPOTHALAMUS, pathology/
HYPOTHALAMUS, physiology/ MALE/
OVARY, physiology/ PROGESTERONE,
pharmacodynamics/ RATS/ TESTIS,
physiology/ TIME FACTORS
3772. Reynolds WA: Medullary carcinoma of the thyroid. An
endocrine disease. Rocky Mt Med J 71:277-30, May 74
ADULT/ *CARCINOMA/ CARCINOMA,
complications/ CARCINOMA, diagnosis/
DIAGNOSIS, DIFFERENTIAL/ DIARRHEA,
etiology/ HUMAN/ LIVER NEOPLASMS,
pathology/ MALE/ NEOPLASM METASTASIS/
*THYROID NEOPLASMS/ THYROID
NEOPLASMS, complications/ THYROID
NEOPLASMS, diagnosis
3773. Reznik M: Deux cas de syndrome myasthénique avec
thymome, polymyosite, myocardite et thyroïdite.
J Neurol Sci 22:341-51, Jul 74 (Fre)
AUTOIMMUNE DISEASES, pathology/
AUTOPSY/ FEMALE/ HUMAN/ MALE/
MUSCLES, pathology/ *MYASTHENIA
GRAVIS, complications/ MYASTHENIA
GRAVIS, immunology/ MYASTHENIA GRAVIS,
pathology/ *MYOCARDITIS, etiology/
MYOCARDITIS, pathology/ MYOCARDIUM,
pathology/ *MYOSITIS, etiology/ MYOSITIS,
pathology/ SYNDROME/ *THYMOMA, etiology/
THYMOMA, pathology/ THYMUS GLAND,
pathology/ *THYMUS NEOPLASMS, etiology/
THYMUS NEOPLASMS, pathology/ THYROID
GLAND, pathology/ *THYROIDITIS, etiology/
THYROIDITIS, pathology
3774. Riabov SI, Lipovskii BS, Shostka GD: K voprosu o
putiaxh villanila glukokortikoidov na éritropoéz.
Probl Gematol Pereliv Krovi 19:48-51, 1974 (Rus)
BLOOD PROTEINS, analysis/ CUSHING'S
SYNDROME, blood/ CUSHING'S SYNDROME,
drug therapy/ ENGLISH ABSTRACT/
ERYTHROCYTES, drug effects/
*ERYTHROPOIESIS, drug effects/
*GLUCOCORTICIDS, pharmacodynamics/
HUMAN/ LIPIDS, blood/ PREDNISOLONE,
adverse effects/ SULFHYDRYL COMPOUNDS,
blood
3775. Richards G, Neville AM: Proceedings: Steroid
metabolism by the prepubertal human testis.
J Endocrinol 61:18, Apr 74
ANDROSTENEDIONE, metabolism/ CARBON
RADIOISOTOPES/ CHILD, PRESCHOOL/
HUMAN/ IN VITRO/ MALE/
PREGNENOLONE, metabolism/
PROGESTERONE, metabolism/ PUBERTY/
STANOLONE, metabolism/ STEROID
HYDROXYLASES, analysis/ *STERIODS,
metabolism/ TESTIS, enzymology/ *TESTIS,
metabolism/ TRITIUM
3776. Richardson JD, Parker JC: Villous adenoma: the
premalignant dilemma. Am Surg 40:406-12, Jul 74
ADENOMA, diagnosis/ ADENOMA, metabolism/
*ADENOMA, pathology/ ADENOMA, surgery/
AGE FACTORS/ CALCIUM, metabolism/
CHLORIDES, metabolism/ COLONIC
NEOPLASMS, diagnosis/ COLONIC
NEOPLASMS, metabolism/ *COLONIC
NEOPLASMS, pathology/ COLONIC
NEOPLASMS, surgery/ FEMALE/ HUMAN/
MALE/ POTASSIUM, metabolism/
*PRECANCEROUS CONDITIONS, pathology/
RECTAL NEOPLASMS, diagnosis/ RECTAL
NEOPLASMS, metabolism/ *RECTAL
NEOPLASMS, pathology/ RECTAL
NEOPLASMS, surgery/ SEX FACTORS/
SODIUM, metabolism/ WATER-ELECTROLYTE
BALANCE
3777. Riche D: L'hypothalamus du singe Papio papio (Desm.):
stéréotaxie, cytologie et modifications
neuroendocrines liées aux crises d'épilepsie induites
par la lumière. J Hirnforsch 14:527-47, 1973 (Fre)
ANIMAL EXPERIMENTS/ BABOONS/
EPILEPSY, etiology/ EPILEPSY, pathology/
*EPILEPSY, physiotherapy/ EPILEPSY,
GRAND MAL, etiology/ EPILEPSY, GRAND
MAL, physiotherapy/
HYPOTHALAMO-HYPOPHYSAL SYSTEM,
anatomy & histology/ HYPOTHALAMUS,
anatomy & histology/ HYPOTHALAMUS,
cytology/ HYPOTHALAMUS, pathology/
*HYPOTHALAMUS, physiotherapy/ NERVE
FIBERS, MYELINATED, cytology/
NEUROFIBRILS, cytology/

AUTHOR SECTION

NEUROSECRETION/ PHOTIC STIMULATION/ STEREOTAXIC TECHNICIS

3778. Richmond RC, Ehrman L: The incidence of repeated mating in the super-species, *Drosophila paulistorum*. *Experientia* 30:489-90, 15 May 74
ALLELES/ ANIMAL EXPERIMENTS/
*DROSOPHILA, physiology/ FEMALE/
FERTILIZATION/ GENETICS, POPULATION/
*GENOTYPE/ *INSEMINATION/ LARVA,
growth & development/ MALE/ OVUM,
growth & development/ POLYMORPHISM
(GENETICS)/ SEX CHROMOSOMES/ SPECIES
SPECIFICITY/ SPERMATOZOA
3779. Riede UN, Mihatsch MJ: Beeinflussung der
enchondralen Ossifikation durch
Thyreoparathyreoidektomie und gleichzeitigem
Vitamin D-Mangel.
Arch Orthop Unfallchir 78:127-35, 30 Apr 74 (Ger)
ANIMAL EXPERIMENTS/ CALCIUM,
DIETARY/ CARTILAGE, metabolism/
*CARTILAGE, physiopathology/ COLLAGEN/
DISEASE MODELS, ANIMAL/ ENGLISH
ABSTRACT/ EPIPHYSES, metabolism/
EPIPHYSES, pathology/ MALE/ MICROSCOPY,
ELECTRON/ *OSSIFICATION, PATHOLOGIC,
physiopathology/ *PARATHYROID GLANDS,
physiology/ *RICKETS, pathology/ *THYROID
GLAND, physiology/ THYROIDECTOMY/
*VITAMIN D DEFICIENCY, physiopathology
3780. Riede UN, Rohr HP: Das Reaktionsmuster der
Leber-Peroxisomen (equal Microbodies) im Verlaufe
einer Aellschädigung.
Beitr Pathol 151:111-33, Feb 74 (75 ref.) (Ger)
ADENINE, adverse effects/ ASPIRIN, adverse
effects/ CHLORAMPHENICOL,
adverse effects/ CYCLOHEXIMIDE, adverse
effects/ EPINEPHRINE, adverse effects/
FOLIC ACID, adverse effects/ *LIVER,
pathology/ MICROBODIES, drug effects/
MITOCHONDRIA, LIVER, metabolism/
MITOCHONDRIAL CONTRACTION/
MITOCHONDRIAL SWELLING/ *ORGANOIDS/
ORGANOIDS, drug effects/ ORGANOIDS,
metabolism/ OROTIC ACID, adverse effects/
PENICILLAMINE, adverse effects/ REVIEW/
VITAMIN D DEFICIENCY, complications
3781. Rieth H: Mykologische Bildkartei. 109. Aktuelle Fragen
und wieder aktuell gewordene Probleme der
medizinischen Mykologie. 9. Sind
Kombinationspräparate aus Glukokortikosteroiden
mit Zusatz eines Antimykotikums in der
dermatologischen Lokalbehandlung sinnvoll, oder
sind sie prinzipiell abzulehnen.
Mykosen 17:19, 1 Jan 74 (Ger)
*ANTIFUNGAL AGENTS, therapeutic use/
*DERMATOMYCOSIS, drug therapy/ *DRUG
COMBINATIONS/ *GLUCOCORTICOIDS,
therapeutic use/ HUMAN
3782. Rieth H: Fragen und Antworten zum Thema
"Pilzbekämpfung". *Mykosen* 17:65-7, 1 Mar 74 (Ger)
ADRENAL CORTEX HORMONES, adverse
effects/ ANTIBIOTICS, adverse effects/
FEMALE/ GERMANY, WEST/ HUMAN/
IMMUNOSUPPRESSIVE AGENTS, adverse
effects/ MALE/ *MYCOSES, occurrence/
MYCOSES, prevention & control/
MYCOTOXINS, toxicity/ OCCUPATIONS
3783. Rigal D, Rouher F: Contre-indications
médicamenteuses dans les hypertensions oculaires.
Rev Prat 23:3123-4 passim, 21 Jun 73 (Fre)
ADRENAL CORTEX HORMONES, adverse
effects/ ANTIDEPRESSIVE AGENTS, adverse
effects/ ANTIPARKINSON DRUGS, adverse
effects/ BELLADONNA, adverse effects/
ENGLISH ABSTRACT/ GLAUCOMA/ HUMAN/
PHENOTHIAZINE TRANQUILIZERS, adverse
effects/ SPECIAL LIST FOREIGN
3784. Riggs B, Jowsey J, Kelly PJ, et al: Bone turnover-sex
hormone-parathyroid hormone interrelationships in
postmenopausal osteoporosis.
Boll Soc Ital Biol 49:732-7, 30 Jul 73
*BONE AND BONES, metabolism/ BONE
DEVELOPMENT/ BONE RESORPTION/
CALCIUM, blood/ ESTROGENIC
SUBSTANCES, CONJUGATED, therapeutic use/
FEMALE/ HUMAN/ MENOPAUSE/ MIDDLE
AGE/ OSTEOPOROSIS, drug therapy/
*OSTEOPOROSIS, metabolism/
OXANDROLONE, therapeutic use/
*PARATHYROID HORMONE, blood/ *SEX
HORMONES, biosynthesis/ SEX HORMONES,
therapeutic use
3785. Riggs BL, Malven PV: Spontaneous patterns of LH
release in castrate male sheep and the effects of
exogenous estradiol. *J Anim Sci* 38:1239-44, Jun 74
ANIMAL EXPERIMENTS/ *CASTRATION,
veterinary/ CIRCADIAN RHYTHM/
*ESTRADIOL, pharmacodynamics/ *LH, blood/
MALE/ *SHEEP, physiology
3786. Rimbaud P, Meynadier J, Guilhou JJ, et al:
Complications dermatologiques locales secondaires
aux injections cortisonées.
Nouv Presse Med 3:665-8, 16 Mar 74 (Fre)
ATROPHY/ CORTISONE, administration &
dosage/ *CORTISONE, adverse effects/
FEMALE/ HUMAN/ HYPERTENSION, drug
therapy/ INJECTIONS, INTRA-ARTERIAL/
INJECTIONS, INTRA-ARTICULAR/
INJECTIONS, INTRADERMAL/ INJECTIONS,
INTRAMUSCULAR/ MALE/ NECROSIS/
PIGMENTATION DISORDERS, chemically
induced/ *SKIN DISEASES,
chemically induced/ TRIAMCINOLONE,
adverse effects
3787. Rimington C, With TK: Sub-uroporphyrins and their
occurrence. A preliminary communication.
Enzyme 17:17-28, 1974
ANIMAL EXPERIMENTS/ BONE AND BONES,
analysis/ CHROMATOGRAPHY, THIN LAYER/
EGG SHELL, analysis/ ESTERS, analysis/
FEATHERS, analysis/ FECES, analysis/
FEMALE/ HUMAN/ LACRIMAL APPARATUS,
analysis/ MALE/ MECONIUM, analysis/
PORPHOBILINOGEN, analysis/ PORPHYRIA,
congenital/ PORPHYRIA, metabolism/
PORPHYRINS, isolation & purification/
*PORPHYRINS, metabolism/ PORPHYRINS,
urine/ SWINE
3788. Rimland B, Ney PG: Infantile autism: status of
research. *Can Psychiatr Assoc J* 19:130-5, Apr 74
AGE FACTORS/ AUTISM, EARLY
INFANTILE, blood/ *AUTISM, EARLY
INFANTILE, classification/ AUTISM, EARLY
INFANTILE, diagnosis/ AUTISM, EARLY
INFANTILE, drug therapy/ BLOOD
PLATELETS, metabolism/ CHILD/
DIAGNOSIS, DIFFERENTIAL/ HUMAN/
PSYCHOSES, diagnosis/ *RESEARCH/
RESEARCH DESIGN/ SEROTONIN,
metabolism/ VITAMINS, therapeutic use
3789. Rinard GA, Chew CS: Uterine phosphorylase: in vivo
activity is inversely related in vitro inactivation.
Endocrinology 94:1621-7, Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/
*ESTRADIOL, pharmacodynamics/ ESTRUS/
FEMALE/ *GLYCOGEN PHOSPHORYLASE,
metabolism/ *PROGESTERONE,
pharmacodynamics/ RATS/ UTERUS, drug
effects/ *UTERUS, enzymology
3790. Rios Mozo M, González Vilchez J: Correlaciones clínicas
entre tiroideas e hígado.
Rev Esp Enferm Apar Dig 42:699-708, 15 Mar 74 (Spa)
FEMALE/ HUMAN/ LIVER DISEASES,
complications/ *LIVER DISEASES, diagnosis/
LIVER FUNCTION TESTS/ MALE/ THYROID
DISEASES, complications/ *THYROID
DISEASES, diagnosis/ THYROID GLAND
FUNCTION TESTS
3791. Ripa R: Attualità in tema di diagnosi
dell'iperaldosteronismo primitivo.
G Ital Cardiol 4:270-6, 1974 (72 ref.) (Ita)
ADENOMA, complications/ ADRENAL GLAND
NEOPLASMS, complications/ ALDOSTERONE,
biosynthesis/ ALDOSTERONE, blood/
DESOXYCORTICOSTERONE, secretion/
HUMAN/ *HYPERALDOSTERONISM, diagnosis/

AUTHOR SECTION

- HYPERALDOSTERONISM, etiology/
POTASSIUM, metabolism/ RENIN, blood/
REVIEW/ SODIUM, metabolism/
SPIRONOLACTONE, diagnostic use
3792. Ritchie WP Jr: Influence of vasopressin and topical bile salts on the gastric mucosal barrier of the subhuman primate. *Surgery* 75:853-60, Jun 74
ANIMAL EXPERIMENTS/ *BILE ACIDS AND SALTS, pharmacodynamics/ GASTRIC MUCOSA, blood supply/ *GASTRIC MUCOSA, drug effects/ INTUBATION, GASTROINTESTINAL/ ISCHEMIA/ MACACA/ MEMBRANE POTENTIALS, drug effects/ MONKEYS/ SODIUM, analysis/ STOMACH, surgery/ TIME FACTORS/ *VASOPRESSIN, pharmacodynamics/ WATER, analysis/ WATER-ELECTROLYTE BALANCE
3793. Ritossa F, Scalenghe F, Di Turi N, et al: On the cell stage of X-Y recombination during rDNA magnification in *Drosophila*. *Cold Spring Harbor Symp Quant Biol* 38:483-90, 1973
ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ CROSSES, GENETIC/ *DNA/ DNA REPLICATION/ *DROSOPHILA/ FEMALE/ GENES, LETHAL/ MALE/ *MEIOSIS/ MUTATION/ *RECOMBINATION, GENETIC/ RIBOSOMES/ RNA/ *SEX CHROMOSOMES
3794. Ritter J, Lohmann-Matthes ML: Cortisone-resistant thymocytes as target cells in lymphocyte-mediated cytotoxicity. *J Immunol Methods* 5:209-12, Jul 74
ANIMAL EXPERIMENTS/ CHROMIUM RADIOISOTOPES/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DRUG RESISTANCE/ FEMALE/ *HYDROCORTISONE, pharmacodynamics/ *LYMPHOCYTES, immunology/ MICE, INBRED C57BL/ MICE, INBRED DBA/ SARCOMA, MAST CELL, immunology/ SPLEEN, cytology/ *THYMUS GLAND, cytology
3795. Ritz E, Krempien B, Mehls O, et al: Skeletal abnormalities in chronic renal insufficiency before and during maintenance hemodialysis. *Kidney Int* 4:116-27, Aug 73
ADULT/ ALKALINE PHOSPHATASE, blood/ BONE AND BONES, analysis/ BONE AND BONES, drug effects/ BONE REGENERATION/ BONE RESORPTION/ CALCINOSIS, etiology/ CALCIUM, analysis/ CALCIUM, blood/ CHILD/ CHILD, PRESCHOOL/ *HEMODIALYSIS/ HEMODIALYSIS, adverse effects/ HUMAN/ *KIDNEY FAILURE, CHRONIC, complications/ OSTEITIS FIBROSA CYSTICA, etiology/ OSTEOLASTS/ PARATHYROID HORMONE, blood/ PARATHYROID HORMONE, pharmacodynamics/ RENAL OSTEODYSTROPHY, drug therapy/ *RENAL OSTEODYSTROPHY, etiology/ RENAL OSTEODYSTROPHY, radiography/ SEX FACTORS/ SPINAL DISEASES, etiology/ VITAMIN D, therapeutic use
3796. Ritz E, Malluche H, Bommer J, et al: Metabolic bone disease in patients on maintenance hemodialysis. *Nephron* 12:393-404, 1974
BIOPSY/ *BONE DISEASES, etiology/ *HEMODIALYSIS, adverse effects/ HUMAN/ HYPERPARATHYROIDISM, SECONDARY, etiology/ HYPERPARATHYROIDISM, SECONDARY, pathology/ KIDNEY FAILURE, CHRONIC, therapy/ OSTEOCYTES/ OSTEOMALACIA, etiology/ OSTEOMALACIA, pathology/ PHOSPHORUS, metabolism/ VITAMIN D, metabolism/ VITAMIN D DEFICIENCY, etiology/ VITAMIN D DEFICIENCY, pathology
3797. Riumshin GI: Oslozhneniia pri mestnom primenenii gidrokortizona. *Ortop Travmatol Protez* 34:62-4, 1974 (Rus)
ARTHRITIS, drug therapy/ BURSITIS, drug therapy/ HUMAN/ *HYDROCORTISONE, TOPICAL, adverse effects/ KNEE JOINT/ MALE/ *NECROSIS, chemically induced/ *OSTEOMYELITIS, chemically induced/ SHOULDER JOINT
3798. Rivier JE: Somatostatin. Total solid phase synthesis. *J Am Chem Soc* 96:2986-92, 1 May 74
AMINO ACID SEQUENCE/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ ELECTROPHORESIS/ *PEPTIDES, chem synthesis/ *SOMATOTROPIN RELEASING HORMONE, antagonists & inhibitors/ SPECTRUM ANALYSIS
3799. Rizvi SN, Khanna SC, Mahajan KC, et al: Observations on the aetiology of multiple and recurrent urinary calculi with special reference to calculi and phosphorus metabolism. *J Assoc Physicians India* 21:195-201, Feb 73
FEMALE/ HUMAN/ HYPERPARATHYROIDISM, complications/ MALE/ PHOSPHATES, urine/ *PHOSPHORUS, metabolism/ RECURRENCE/ URINARY CALCULI, etiology/ *URINARY CALCULI, metabolism/ URINARY CALCULI, urine
3800. Rizvi SN, Vaishnava H: Correlation of serum, bone and urinary hydroxyproline in nutritional osteomalacia. *J Assoc Physicians India* 21:189-93, Feb 73
*BONE AND BONES, analysis/ FEMALE/ HUMAN/ *HYDROXYPROLINE, analysis/ HYDROXYPROLINE, blood/ HYDROXYPROLINE, urine/ MALE/ *NUTRITION DISORDERS, metabolism/ OSTEOMALACIA, blood/ OSTEOMALACIA, drug therapy/ *OSTEOMALACIA, metabolism/ OSTEOMALACIA, urine/ VITAMIN D, therapeutic use
3801. Rizzo A: Modalità d'impiego di una pomata cortisonico-antibiotica nel trattamento delle ustioni in chirurgia pediatrica. *Minerva Chir* 29:463-9, 30 Apr 74 (Ita)
ADMINISTRATION, TOPICAL/ *BURNS, drug therapy/ CHILD/ CICATRIX, drug therapy/ CLINICAL RESEARCH/ DRUG COMBINATIONS/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ *METHYLPREDNISOLONE, administration & dosage/ METHYLPREDNISOLONE, pharmacodynamics/ METHYLPREDNISOLONE, therapeutic use/ *NEOMYCIN, administration & dosage/ NEOMYCIN, pharmacodynamics/ NEOMYCIN, therapeutic use/ OINTMENTS/ WOUND HEALING, drug effects
3802. Rizzo SC: Sull'uso per via parenteral del 6-metil-prednisolone in forma ritardo e ad alte dosi in oncologia. *Minerva Med* 65:1078-81, 17 Mar 74 (Ita)
ADOLESCENCE/ ADULT/ AGED/ APPETITE, drug effects/ BONE NEOPLASMS, drug therapy/ DELAYED-ACTION PREPARATIONS/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ HODGKIN'S DISEASE, drug therapy/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ LUNG NEOPLASMS, drug therapy/ LYMPHATIC METASTASIS/ MALE/ *METHYLPREDNISOLONE, administration & dosage/ METHYLPREDNISOLONE, pharmacodynamics/ METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ NEOPLASMS, drug therapy/ SARCOMA, OSTEOGENIC, drug therapy
3803. Rimoni M, Palitti F, Perticone P: Euploid segregation through multipolar mitosis in mammalian cell cultures. Identification of triploid, haploid, and segregating diploid cells in a diploid-euploid primary culture of rhesus kidney cells. *Chromosoma* 45:151-62, 14 Mar 74
ANIMAL EXPERIMENTS/ CELLS, CULTURED/ *CHROMOSOMES/ DIPLOIDY/ GENOTYPE/ HAPLOIDY/ IN VITRO/ KARYOTYPING/ KIDNEY/ MACACA/ MALE/ *MEIOSIS/ *MITOSIS/ POLYPLOIDY/ SEX CHROMOSOMES/ STAINS AND STAINING/ TRYPSIN
3804. Robert H: Examen, surveillance et traitement d'une femme atteinte de salpingite aiguë. *Rev Prat* 24:503-6, 1 Feb 74 (Fre)
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS,

AUTHOR SECTION

therapeutic use/ ENGLISH ABSTRACT/
FEMALE/ FOLLOW-UP STUDIES/ HUMAN/
SALPINGITIS, diagnosis/ SALPINGITIS, drug
therapy/ SPECIAL LIST FOREIGN

3805. Roberts DC, West CE, Redgrave TG, et al: Plasma cholesterol concentration in normal and cholesterol-fed rabbits. Its variation and heritability. *Atherosclerosis* 19:389-80, May-Jun 74
AGE FACTORS/ ANALYSIS OF VARIANCE/
ANIMAL EXPERIMENTS/ BREEDING/
*CHOLESTEROL, blood/ *CHOLESTEROL,
DIETARY, metabolism/ DISEASE MODELS,
ANIMAL/ FEMALE/ GENETICS/
HYPERCHOLESTEREMIA, familial & genetic/
LACTATION/ MALE/ PHENOTYPE/
PREGNANCY/ RABBITS/ SEASONS/ SEX
FACTORS/ TIME FACTORS

3806. Roberts G, Weaver A: Letter: Labour and neonatal jaundice. *Lancet* 1:935, 11 May 74
FEMALE/ HUMAN/ INFANT, NEWBORN/
INJECTIONS, INTRAVENOUS/ *JAUNDICE,
NEONATAL, chemically induced/ LABOR
COMPLICATIONS, prevention & control/
*LABOR, INDUCED/ OXYTOCIN,
administration & dosage/ *OXYTOCIN, adverse
effects/ PREGNANCY

3807. Roberts JS: Divergent effects of infused progesterone on the reflexive release of oxytocin in ovariectomized goats variously treated with 17beta-estradiol. *Endocrinology* 94:1531-5, Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/
*ESTRADIOL, pharmacodynamics/ FEMALE/
GOATS/ OVARY, physiology/ *OXYTOCIN,
metabolism/ PHYSICAL STIMULATION/
PROGESTERONE, administration & dosage/
*PROGESTERONE, pharmacodynamics/
REFLEX/ TIME FACTORS/ VAGINA,
physiology

3808. Roberts FF: Variation in the morphometry of the normal human thyroid in growth and ageing. *J Pathol* 112:161-8, Mar 74
AGE FACTORS/ AGING/ ANTHROPOMETRY/
BODY HEIGHT/ EXTRACELLULAR SPACE/
FEMALE/ HUMAN/ MALE/ *THYROID
GLAND, anatomy & histology/ THYROID
GLAND, growth & development

3809. Robertshaw D: Proceedings: Neural and humoral control of apocrine glands. *J Invest Dermatol* 63:160-7, Jul 74 (50 ref.)
ADRENAL CORTEX HORMONES, physiology/
ADRENAL MEDULLA, physiology/
ADRENERGIC ALPHA RECEPTOR
BLOCKADERS, pharmacodynamics/
ADRENERGIC BETA RECEPTOR
BLOCKADERS, pharmacodynamics/ ANIMAL
EXPERIMENTS/ ASPHYXIA/ ATROPINE,
pharmacodynamics/ CATECHOLAMINES,
physiology/ DENERVATION/ ELECTRIC
STIMULATION/ EPINEPHRINE, secretion/
EVOLUTION/ EXERTION/ HEAT/ HUMAN/
PHENOXYBENZAMINE, pharmacodynamics/
PROPRANOLOL, pharmacodynamics/
RECEPTORS, DRUG, drug effects/ REVIEW/
SPECIES SPECIFICITY/ SPLANCHNIC
NERVES, physiology/ SWEAT GLANDS, drug
effects/ *SWEAT GLANDS, innervation/
SWEATING, drug effects/ *SYMPATHETIC
NERVOUS SYSTEM, physiology

3810. Robertson R: In vivo insulin secretion: prostaglandin and adrenergic interrelationships. *Prostaglandins* 6:501-8, 25 Jun 74
ANIMAL EXPERIMENTS/ BLOOD PRESSURE,
drug effects/ BLOOD SUGAR/ DEPRESSION,
CHEMICAL/ EPINEPHRINE, antagonists &
inhibitors/ *EPINEPHRINE, pharmacodynamics/
GLUCOSE TOLERANCE TEST/
INDOMETHACIN, pharmacodynamics/
INSULIN, blood/ *INSULIN, secretion/
*PHENTOLAMINE, pharmacodynamics/
*PROSTAGLANDINS, pharmacodynamics/
STIMULATION, CHEMICAL/ TIME FACTORS

3811. Robinowitz B, Roenigk HH Jr, Schumacher OP: Granuloma annulare and vitamin D resistant rickets.

Cleve Clin Q 41:75-7, Summer 74
FEMALE/ *GRANULOMA, complications/
HUMAN/ *RICKETS, VITAMIN D RESISTANT,
complications/ *SKIN DISEASES, complications

3812. Robinson A: Letter: Neonatal deaths and sex-chromosome anomalies. *Lancet* 1:1223, 15 Jun 74
ABNORMALITIES, MULTIPLE, familial &
genetic/ ABNORMALITIES, MULTIPLE,
mortality/ *DEATH, SUDDEN/ FEMALE/
*FETAL DEATH, etiology/ HUMAN/
*INFANT, NEWBORN, DISEASES, mortality/
KARYOTYPING/ MALE/ SEX CHROMOSOME
ABNORMALITIES, complications/ SEX
CHROMOSOME ABNORMALITIES, familial &
genetic/ SEX CHROMOSOME
ABNORMALITIES, mortality

3813. Robinson A, Puck M, Tennes K: Letter: The 47,XXY karyotype. *Lancet* 1:1343, 29 Jun 74
HUMAN/ *KARYOTYPING/ MALE/ *SEX
CHROMOSOME ABNORMALITIES, diagnosis

3814. Robinson AG: Elevation of plasma neurophysin in women on oral contraceptives. *J Clin Invest* 54:209-12, Jul 74
*CONTRACEPTIVES, ORAL,
pharmacodynamics/ DIETHYLSTILBESTROL,
pharmacodynamics/ ESTROGENS,
pharmacodynamics/ FEMALE/ HUMAN/
MALE/ MEDROXYPROGESTERONE,
pharmacodynamics/ MENSTRUATION/
*NEUROPHYSINS, blood/ PERIODICITY/
*PITUITARY GLAND, drug effects/
PITUITARY GLAND, secretion/
RADIOIMMUNOASSAY

3815. Robinson DW, Moberg GP, Devers K: The feeding response to beta-adrenergic active agents during induced compensatory growth in rats. *Experientia* 30:626-7, 15 Jun 74
ADRENERGIC BETA RECEPTOR AGONISTS,
pharmacodynamics/ ADRENERGIC BETA
RECEPTOR BLOCKADERS, pharmacodynamics/
ANIMAL EXPERIMENTS/ *EATING, drug
effects/ FEMALE/ *GROWTH/
HYPOTHALAMUS, physiology/
*ISOPROTERENOL, pharmacodynamics/
*PROPRANOLOL, pharmacodynamics/
SATIATION

3816. Robinson E, Sher S, Mekori T: Lymphocyte stimulation by phytohemagglutinin and tumor cells of malignant effusions. *Cancer Res* 34:1548-51, Jul 74
*ANTIGENS, NEOPLASM/ *ASCITIC FLUID,
immunology/ BREAST NEOPLASMS,
immunology/ CELLS, CULTURED/ COLONIC
NEOPLASMS, immunology/ FEMALE/
HUMAN/ *IMMUNITY, CELLULAR/
LEUKOCYTE CULTURE TEST, MIXED/
*LYMPHOCYTE TRANSFORMATION/
LYMPHOSARCOMA, immunology/
*NEOPLASMS, immunology/ OVARIAN
NEOPLASMS, immunology/ *PLANT
AGGLUTININS, pharmacodynamics/ *PLEURAL
EFFUSION, immunology/ SIGMOID
NEOPLASMS, immunology/ STOMACH
NEOPLASMS, immunology/ THYMIDINE,
metabolism/ TRITIUM

3817. Robinson EL, Hannah BO, Bass WB, et al: Neutron and photon flux from x-ray fluorescent thyroid scanners. *Health Phys* 26:301-6, Apr 74
ALPHA PARTICLES/ *AMERICIUM, diagnostic
use/ ELEMENTARY PARTICLES/ EYE/
HUMAN/ NEUTRONS/ *NUCLEAR PHYSICS/
*RADIATION DOSAGE/ *THYROID GLAND

3818. Robinson GA, Nirmalan GP, McLaughlin PA: Eighteen-hour uptake of 131-I by the thyroids and the ovaries of Japanese quail 1 day to 9 months of age. *Poult Sci* 53:401-6, Jan 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
BODY WEIGHT/ FEMALE/ *IODINE,
metabolism/ IODINE RADIOISOTOPES/
JAPAN/ MALE/ ORGAN WEIGHT/ OVARY,
anatomy & histology/ *OVARY, metabolism/
OVUM, growth & development/ OVUM,
metabolism/ *QUAIL, metabolism/ *THYROID
GLAND, metabolism/ TIME FACTORS

AUTHOR SECTION

3819. Robinson TE, Whishaw IQ: Effects of posterior hypothalamic lesions on voluntary behavior and hippocampal electroencephalograms in the rat. *J Comp Physiol Psychol* 86:768-86, May 74
ANIMAL EXPERIMENTS/ AROUSAL/ AVOIDANCE LEARNING/ *BEHAVIOR, ANIMAL/ BODY TEMPERATURE REGULATION/ *ELECTROENCEPHALOGRAPHY/ GROOMING/ *HIPPOCAMPUS, physiology/ *HYPOTHALAMUS, physiology/ MALE/ MOTOR ACTIVITY/ *MOVEMENT/ RATS/ SLEEP/ TIME FACTORS
3820. Robitaille P: La détection d'anticorps antinucléoprotéine soluble et anti-acide désoxyribonucléique par une méthode radio-immunologique. *Union Med Can* 103:691-8, Apr 74 (Fre)
*ANTIBODIES, analysis/ *ANTINUCLEAR FACTORS, analysis/ ARTHRITIS, RHEUMATOID, immunology/ AZATHIOPRINE, therapeutic use/ COLLAGEN DISEASES, immunology/ COMPARATIVE STUDY/ DERMATOMYOSITIS, immunology/ *DNA, analysis/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ METHODS/ PREDNISONE, therapeutic use/ RADIOIMMUNOASSAY
3821. Rodan SB, Rodan GA: The effect of parathyroid hormone and thyrocalcitonin on the accumulation of cyclic adenosine 3':5'-monophosphate in freshly isolated bone cells. *J Clin Invest* 53:3068-74, Jun 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BONE AND BONES, cytology/ BONE AND BONES, drug effects/ BONE AND BONES, embryology/ BONE AND BONES, enzymology/ *BONE AND BONES, metabolism/ *CALCITONIN, pharmacodynamics/ CATTLE/ CLOSTRIDIOPEPTIDASE A/ COMPARATIVE STUDY/ DRUG SYNERGISM/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HYALURONIDASE/ PARATHYROID HORMONE, administration & dosage/ *PARATHYROID HORMONE, pharmacodynamics/ PREGNANCY/ RADIOIMMUNOASSAY/ RATS/ SKULL/ SWINE
3822. Rodbro P, Christiansen C: Letter: Anticonvulsant osteomalacia and vitamin D. *Br Med J* 2:667-8, 22 Jun 74
ALKALINE PHOSPHATASE, blood/ *ANTICONVULSANTS, adverse effects/ CALCIUM, blood/ HUMAN/ *OSTEOMALACIA, chemically induced/ OSTEOMALACIA, drug therapy/ OSTEOPOROSIS, chemically induced/ *VITAMIN D, therapeutic use
3823. Rodgers CH, Alheld G: Relationship of sexual behavior and castration to tumescence in the male rat. *Physiol Behav* 9:581-4, Oct 72
ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ *CASTRATION/ EJACULATION/ MALE/ METHODS/ *PENIS, physiology/ PHYSICAL STIMULATION, instrumentation/ *SEX BEHAVIOR, ANIMAL/ TIME FACTORS
3824. Rodgers GM, Fisher JW, George WJ: Activation of the renal erythropoietic factor by a cyclic AMP-dependent protein kinase. *Proc Soc Exp Biol Med* 145:1207-11, Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *ERYTHROPOIETIN, biosynthesis/ HISTONES, biosynthesis/ *KIDNEY, enzymology/ KIDNEY, metabolism/ KIDNEY, secretion/ MALE/ PHOSPHORUS RADIOISOTOPES/ PROTEIN KINASE, isolation & purification/ PROTEIN KINASE, metabolism/ *PROTEIN KINASE, physiology/ RATS
3825. Rodier WI 3d, Kltay JI: The influence of progesterone on adrenocortical function in the rat. *Proc Soc Exp Biol Med* 146:376-80, Jun 74
ADRENAL GLANDS, enzymology/ *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ CASTRATION/ CORTICOSTERONE, biosynthesis/ CORTICOSTERONE, blood/ FEMALE/ GLUCOCORTICOIDS, biosynthesis/ ORGAN WEIGHT/ OVARY, physiology/ OXIDOREDUCTASES, metabolism/ PROGESTERONE, blood/ *PROGESTERONE, pharmacodynamics/ SEX FACTORS/ UTERUS, drug effects
3826. Rodionov Iulia, Rodionov II, Rodionov Via, et al: Kombinirovannyi laboratornyi totatsionnyi i spartel' i liofilizator. *Lab Delo* 5:317-8, 1974 (Rus)
ANGIOTENSIN, blood/ *CHEMISTRY, ANALYTICAL, instrumentation/ FREEZE DRYING, instrumentation/ RENIN, analysis
3827. Rodríguez P, Gaede K: Biosíntesis de la tiroglobulina: metabolismo tiroideo de nucleótidos de azúcares. *Acta Cient Venez* 23:Suppl:23-9, 1972 (Spa)
ANIMAL EXPERIMENTS/ CARBOHYDRATE ISOMERASES, metabolism/ ENZYME PRECURSORS/ HUMAN/ PHOSPHOTRANSFERASES, metabolism/ *THYROGLOBULIN, biosynthesis/ THYROID GLAND, enzymology/ *THYROID GLAND, metabolism/ *URIDINE DIPHOSPHATE SUGARS, metabolism
3828. Rodríguez Cuartero A, Morata García F: La asociación mixe-dem-diabète (comentarios sobre dos casos y revisión de la literatura española. *Rev Clin Esp* 132:445-50, 15 Mar 74 (Spa)
*DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *MYXEDEMA, complications/ SEX FACTORS
3829. Rogers AE, Anderson GH, Lenhardt GM, et al: A semisynthetic diet for long-term maintenance of hamsters to study effects of dietary vitamin A. *Lab Anim Sci* 24:495-9, Jun 74
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *DIET/ *HAMSTERS, growth & development/ LACTATION/ LIVER, analysis/ MALE/ RODENT DISEASES, etiology/ TIME FACTORS/ VITAMIN A, administration & dosage/ VITAMIN A, analysis/ VITAMIN A, blood/ *VITAMIN A, pharmacodynamics/ VITAMIN A DEFICIENCY, etiology/ VITAMIN A DEFICIENCY, veterinary/ WEANING
3830. Rogers JG Jr, Beauchamp GK: Relationships among three criteria of puberty in *Peromyscus leucopus noveboracensis*. *J Mammal* 55:461-2, May 74
ANIMAL EXPERIMENTS/ ESTRUS/ FEMALE/ *MICE, physiology/ *PUBERTY
3831. Roginsky MS, Hing Fai Moo, Abesamis C: Letter: Seasonal variations in serum 25-hydroxycholecalciferol. *Lancet* 1:1235-6, 15 Jun 74
BINDING, COMPETITIVE/ HUMAN/ *HYDROXYCHOLECALCIFEROL, blood/ *SEASONS/ SUNLIGHT/ ULTRAVIOLET RAYS
3832. Roh YS, Dequeker J, Muller JC: Trabecular pattern of the upper end of the femur in primary osteoarthritis and in symptomatic osteoporosis. *J Belg Radiol* 57:89-94, Mar-Apr 74
COMPARATIVE STUDY/ FEMALE/ *FEMUR, radiography/ HUMAN/ MALE/ *OSTEOARTHRITIS, radiography/ OSTEOPOROSIS, classification/ *OSTEOPOROSIS, radiography/ POSTURE/ SEX FACTORS
3833. Roine P, Kolvula L, Pekkarinen M, et al: Vitamin C intake and plasma level among aged people in Finland. *Int J Vitam Nutr Res* 44:95-106, 1974
*ASCORBIC ACID, blood/ DIETARY PROTEINS, administration & dosage/ FEMALE/ FINLAND/ HUMAN/ MALE/ VITAMIN D, administration & dosage

AUTHOR SECTION

3834. Rolandi E, Azmolini A, Barabino A: Attuali possibilità di semeiologia neuro-endocrina in corse di anoressia nervosa. Considerazioni su di un caso clinico. Arch E Maragliano Patol Clin 29:109-15, Jan 73 (Ita)
AMENORRHEA, etiology/ ANOREXIA NERVOSA, diagnosis/ *ANOREXIA NERVOSA, etiology/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ FSH, blood/ HUMAN/ HYPOTHALAMO-HYPOPHYSAL SYSTEM, metabolism/ LH, blood/ PITUITARY DISEASES, complications
3835. Rolandi E, Dellitala G, Masala A: La risposta ipofisaria e testicolare al clomifene in corso di cirrosi epatica. Folia Endocrinol (Roma) 27:290-302, Jun 74 (Ita)
ADRENAL GLANDS, physiopathology/ ADULT/ *CLOMIPHENE, pharmacodynamics/ ENGLISH ABSTRACT/ FSH, urine/ HUMAN/ 17-KETOSTEROIDS, urine/ LH, blood/ *LIVER CIRRHOSIS, physiopathology/ MALE/ MIDDLE AGE/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, physiopathology/ TESTIS, drug effects/ *TESTIS, physiopathology/ TESTOSTERONE, urine
3836. Rolfe B, Creaser EH: A colicin-tolerant mutant of Escherichia coli with reduced levels of cyclic AMP and the regulation of lambdaoid phage lysogeny. Mol Gen Genet 130:105-12, 21 May 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ CELL MEMBRANE/ *COLICINS/ COLIPHAGES, drug effects/ *COLIPHAGES, growth & development/ DNA VIRUSES, drug effects/ *DNA VIRUSES, growth & development/ *DRUG RESISTANCE, MICROBIAL/ ELECTROPHORESIS/ *ESCHERICHIA COLI, metabolism/ *LYSOGENY/ *MUTATION/ PLAQUE ASSAY/ TEMPERATURE
3837. Rolland R, Schellekens LA, Lequin RM: Successful treatment of galactorrhoea and amenorrhoea and subsequent restoration of ovarian function by a new ergot alkaloid 2-brom-alpha-ergocryptine. Clin Endocrinol (Oxf) 3:155-66, Apr 74
*AMENORRHEA, drug therapy/ BIOLOGICAL ASSAY/ BROMINE/ CROSS REACTIONS/ *ERGOT ALKALOIDS, therapeutic use/ ESTROGENS, urine/ FEMALE/ GLUCOSE TOLERANCE TEST/ GONADOTROPINS, urine/ HUMAN/ HYDROCORTISONE, blood/ HYDROXYSTERIODS, urine/ INSULIN, pharmacodynamics/ 17-KETOSTEROIDS, urine/ LACTATION DISORDERS, complications/ *LACTATION DISORDERS, drug therapy/ MENSTRUATION, drug effects/ MENTAL DISORDERS, etiology/ OVULATION, drug effects/ PREGNANEDIOL, urine/ PROLACTIN, blood/ RADIOIMMUNOASSAY/ THYROID GLAND FUNCTION TESTS/ TIME FACTORS
3838. Romaniuk A: Neurochemical bases of defensive behavior in animals. Acta Neurobiol Exp (Warsz) 34:205-14, 1974
*AGGRESSION/ ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ BRAIN MAPPING/ *ESCAPE REACTION/ *FEAR/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ NEURAL TRANSMISSION/ *NEUROHUMORS, physiology
3839. Romanowski W, Grabiec S: The role of serotonin in the mechanism of central fatigue. Acta Physiol Pol 25:127-34, Mar-Apr 74
ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ BRAIN CHEMISTRY/ EXERTION/ *FATIGUE, metabolism/ MALE/ MEMBRANE POTENTIALS/ NEURONS, physiology/ OXIDATION-REDUCTION/ OXYGEN CONSUMPTION/ RATS/ SEROTONIN, analysis/ *SEROTONIN, physiology
3840. Romero Salinas G, Ruiz Velasco V, Pérez Tamayo L, et al: El bromuro de N-butil hioscina y su efecto sobre el primer periodo del trabajo de parto. Ginecol Obstet Mex 35:291-9, Mar 74 (Spa)
BROMIDES/ *CERVIX UTERI, drug effects/ DRUG EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ FETAL HEART, drug effects/ FETUS, drug effects/ HUMAN/ INFANT, NEWBORN/ *LABOR, drug effects/ OXYTOCIN, pharmacodynamics/ PREGNANCY/ *SCOPOLAMINE, pharmacodynamics/ TIME FACTORS
3841. Roos P, Martin JM, Westman-Naeser S, et al: Immunoreactive growth hormone levels in mice with the obese-hyperglycemic syndrome (genotype obob). Horm Metab Res 6:125-8, Mar 74
AGING/ ANIMAL EXPERIMENTS/ CHICKENS, immunology/ COMPARATIVE STUDY/ CROSS REACTIONS/ FEMALE/ GEL DIFFUSION TESTS/ GEL FILTRATION/ *HYPERGLYCEMIA, metabolism/ INSULIN RESISTANCE/ MALE/ MICE/ MONKEYS, immunology/ *OBESITY, metabolism/ PITUITARY GLAND, growth & development/ PITUITARY GLAND, metabolism/ SOMATOTROPIN, blood/ *SOMATOTROPIN, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET
3842. Roos RW: Identification and determination of synthetic estrogens in pharmaceuticals by high-speed, reversed-phase partition chromatography. J Pharm Sci 63:594-9, Apr 74
CHLOROTRIANISENE, analysis/ CHROMATOGRAPHY/ DIETHYLSTILBESTROL, analysis/ DOSAGE FORMS/ *ESTROGENS, analysis/ ESTROGENS, radiation effects/ HEXESTROL, analysis/ HYDROLYSIS/ METHODS/ PHOTOCHEMISTRY/ SOLVENTS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STILBENES, analysis/ SUPPOSITORIES, analysis/ TABLETS, analysis/ ULTRAVIOLET RAYS
3843. Roques M, Tirard A, Torresani J: Distribution subcellulaire des protéine-kinases stimulables par l'AMP cyclique et des protéines réceptrices de l'AMP cyclique dans la thyroïde de porc. Biochimie 55:1421-30, 1973 (Fre)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ CYTOSOL, enzymology/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ GOLGI APPARATUS, enzymology/ IN VITRO/ MICROSOMES, enzymology/ PROTAMINES, metabolism/ PROTEIN BINDING/ *PROTEIN KINASE, analysis/ PROTEIN KINASE, metabolism/ *RECEPTORS, DRUG/ STIMULATION, CHEMICAL/ SUBCELLULAR FRACTIONS/ SWINE/ THYROID GLAND, cytology/ *THYROID GLAND, enzymology/ THYROID GLAND, metabolism/ ULTRACENTRIFUGATION
3844. Rorbaek Madsen PE: Beklometason-dipropionatinhalation i behandlingen af kronisk respirationsinsufficiens. Ugeskr Laeger 136:1188-91, 27 May 74 (Dan)
AEROSOLS/ BECLOMETHASONE, administration & dosage/ BECLOMETHASONE, therapeutic use/ CHRONIC DISEASE/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ *GLUCOCORTICOIDS, therapeutic use/ INHALATION THERAPY/ *METHYLPREDNISOLONE, therapeutic use/ PLACEBOS/ PREDNISOLONE, therapeutic use/ *RESPIRATORY INSUFFICIENCY, drug therapy
3845. Rosa JC da: Idéias atuais sobre as funções da glândula tireóide e suas implicações clínicas. Rev Paul Med 79:203-16, Jun 72 (Por)
HUMAN/ HYPERTHYROIDISM, physiopathology/ HYPOTHALAMUS, physiology/ HYPOTHYROIDISM, physiopathology/ *IODINE, metabolism/ THYROGLOBULIN, biosynthesis/ THYROID GLAND, metabolism/ *THYROID GLAND, physiology/ THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS/ THYROID HORMONES, antagonists & inhibitors/ THYROID

AUTHOR SECTION

- HORMONES, metabolism/ *THYROID
HORMONES, secretion/ THYROXINE,
biosynthesis
3846. Rosa JC, Rocha SV, Pereira MH, et al: Identificação das glândulas paratireóides através da coloração in vivo: resultados experimentais preliminares com algumas observações clínicas.
Rev Paul Med 79:23-4, Feb 72 (For)
ANIMAL EXPERIMENTS/ BIOPSY/ ENGLISH
ABSTRACT/ HUMAN/ INJECTIONS,
INTRAVENOUS/ METHODS/ *PARATHYROID
GLANDS/ *STAINS AND STAINING/
*THYROIDECTOMY/ *TOLONIUM CHLORIDE,
administration & dosage
3847. Rosan RC, Lauweryns JM, Brand MM: Recent advances in pathologic aspects of neonatal respiratory distress.
Pathol Annu 8:407-52, 1973 (107 ref.)
ANOXIA, complications/ AUTOPSY/ BRONCHI,
cytology/ BRONCHI, embryology/ CENTRAL
NERVOUS SYSTEM DISEASES, complications/
CEREBRAL HEMORRHAGE, complications/
CEREBROVASCULAR CIRCULATION/
GLIOSIS, etiology/ HUMAN/ HYALINE
MEMBRANE DISEASE, complications/
HYALINE MEMBRANE DISEASE, etiology/
INFANT, NEWBORN/ *LUNG, pathology/
LUNG, physiology/ MODELS, BIOLOGICAL/
NEUROSECRETORY SYSTEMS, physiology/
OXYGEN, blood/ OXYGEN, poisoning/
OXYGEN INHALATION THERAPY, adverse
effects/ RESPIRATION, ARTIFICIAL, adverse
effects/ RESPIRATORY DISTRESS
SYNDROME, etiology/ *RESPIRATORY
DISTRESS SYNDROME, pathology/ REVIEW/
THORAX, pathology/ TRACHEA, pathology
3848. Rosato EF, Mullen JL, Lanciult G, et al: Acid and gastrin response to acute hypercalcemia in conscious monkeys. Surg Forum 23:316-8, 1972
ANIMAL EXPERIMENTS/ *GASTRIC JUICE,
secretion/ *GASTRIN, blood/
HYPERCALCEMIA, blood/ *HYPERCALCEMIA,
physiopathology/ MACACA/ MALE
3849. Rosen EF, Petty LC: Food deprivation effects on some estrogen-sensitive responses in female rats.
Physiol Behav 12:767-70, May 74
ADRENAL GLANDS, anatomy & histology/
ANIMAL EXPERIMENTS/ BLOOD PROTEINS/
BODY WEIGHT/ *ESTRADIOL,
pharmacodynamics/ ESTRUS, drug effects/
FEMALE/ *FOOD DEPRIVATION/
HEMATOCRIT/ ORGAN WEIGHT/ OVARY,
anatomy & histology/ SEX BEHAVIOR,
ANIMAL, drug effects/ SEX FACTORS/
STARVATION/ VAGINAL SMEARS
3850. Rosen JF, Trinidad EE: Significance of plasma lead levels in normal and lead-intoxicated children.
Environ Health Perspect 7:139-44, May 74
*ANEMIA, SICKLE CELL, blood/ ANIMAL
EXPERIMENTS/ BINDING SITES/
BIOLOGICAL TRANSPORT, ACTIVE/ BONE
AND BONES, metabolism/ CALCIUM,
pharmacodynamics/ CHILD/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ ERYTHROCYTES,
metabolism/ FEMALE/ FETUS, metabolism/
HUMAN/ INFANT, NEWBORN/ ION
EXCHANGE/ LEAD/ LEAD, analysis/ *LEAD,
blood/ LEAD, metabolism/ *LEAD
POISONING, blood/ ORGAN CULTURE/
PLASMA/ PREGNANCY/ RADIOISOTOPES/
RATS
3851. Rosen RA, Morecki R: Correlation conferences in radiology and pathology. Ascites and fever.
NY State J Med 74:1020-3, Jun 74
ASCITES, pathology/ ASCITES, radiography/
CASE REPORT/ *CYSTADENOMA,
PAPILLARY, pathology/ CYSTADENOMA,
PAPILLARY, radiography/ DIAGNOSIS,
DIFFERENTIAL/ FEMALE/ FEVER,
pathology/ HUMAN/ *OVARIAN NEOPLASMS,
pathology/ OVARIAN NEOPLASMS,
radiography
3852. Rosen SW, Weintraub BD: Ectopic production of the isolated alpha subunit of the glycoprotein hormones.
A quantitative marker in certain cases of cancer.
N Engl J Med 290:1441-7, 27 Jun 74
ADULT/ CALCITONIN, analysis/
CARCINOEMBRYONIC ANTIGEN, analysis/
*CARCINOID TUMOR, diagnosis/ CARCINOID
TUMOR, metabolism/ *CARCINOMA,
BRONCHOGENIC, diagnosis/ CARCINOMA,
BRONCHOGENIC, metabolism/ FEMALE/
FETAL GLOBULINS, analysis/ GEL
FILTRATION/ *GLYCOPROTEINS,
biosynthesis/ GONADOTROPINS, CHORIONIC,
analysis/ *HORMONES, ECTOPIC, biosynthesis/
HUMAN/ LH, analysis/ *LUNG NEOPLASMS,
diagnosis/ LUNG NEOPLASMS, metabolism/
MALE/ MIDDLE AGE/ *NEOPLASM
PROTEINS, biosynthesis/ PARATHYROID
HORMONE, analysis/ PLACENTAL
LACTOGEN, blood/ RADIOIMMUNOASSAY/
*STOMACH NEOPLASMS, diagnosis/
STOMACH NEOPLASMS, metabolism/
THYROTROPIN, analysis
3853. Rosenbauer KA, Schlösser HW:
Raster-elektronenmikroskopische Untersuchungen an Tube und Ovar.
Verh Anat Ges 67:825-31, 1972 (Ger)
ADULT/ ANIMAL EXPERIMENTS/ ENGLISH
ABSTRACT/ *FALLOPIAN TUBES/ FEMALE/
GUINEA PIGS/ HUMAN/ METHODS/
MICROSCOPY, ELECTRON, SCANNING/
*OVARY/ RATS
3854. Rosenbaum JL, Akhtar M, Kramer MS, et al: Evaluation of clearance studies in lupus nephritis.
Clin Nephrol 2:47-51, 1974
ADOLESCENCE/ ADULT/ AMINOHIPURIC
ACID, diagnostic use/ AZATHIOPRINE,
therapeutic use/ BIOPSY/ BLOOD
SEDIMENTATION/ CREATININE, blood/
CREATININE, diagnostic use/ FEMALE/
GLOMERULAR FILTRATION RATE/
GLOMERULONEPHRITIS, complications/
GLOMERULONEPHRITIS, drug therapy/
GLOMERULONEPHRITIS, etiology/
GLOMERULONEPHRITIS, pathology/
*GLOMERULONEPHRITIS, urine/ HUMAN/
HYPERTENSION, etiology/ INULIN, diagnostic
use/ *KIDNEY, physiopathology/ KIDNEY
FUNCTION TESTS/ KIDNEY GLOMERULUS,
pathology/ LUPUS ERYTHEMATOSUS,
SYSTEMIC, complications/ *LUPUS
ERYTHEMATOSUS, SYSTEMIC, urine/ MALE/
METABOLIC CLEARANCE RATE/
METHYLPREDNISOLONE, therapeutic use/
MIDDLE AGE/ RETROSPECTIVE STUDIES
3855. Rosenberg PH, Wahlström T: Renal and hepatic toxicity of methoxyflurane in combination with tetracycline or oxytetracycline treatment in rats.
Acta Pharmacol Toxicol (Kbh) 34:46-57, Jan 74
ALANINE AMINOTRANSFERASE, blood/
ALCOHOL, ETHYL, administration & dosage/
ALCOHOL, ETHYL, pharmacodynamics/
*ANESTHESIA, INHALATION/ ANIMAL
EXPERIMENTS/ DEPRESSION, CHEMICAL/
DIURESIS, drug effects/ DRUG SYNERGISM/
FEMALE/ FLUORIDES, urine/ HALOTHANE/
INJECTIONS, INTRAPERITONEAL/ *KIDNEY,
drug effects/ *LIVER, drug effects/
METHOXYFLURANE/ *METHOXYFLURANE,
toxicity/ OXALATES, metabolism/
OXYTETRACYCLINE,
administration & dosage/
*OXYTETRACYCLINE, toxicity/ RATS/
TETRACYCLINE, administration & dosage/
*TETRACYCLINE, toxicity/ TIME FACTORS/
URIC ACID, blood/ VASOPRESSIN,
pharmacodynamics
3856. Rosenberg S, Levene R: Suppression of plasma cortisol in normal and glaucomatous patients.
Arch Ophthalmol 92:6-9, Jul 74
ADMINISTRATION, ORAL/ AGE FACTORS/
COMPARATIVE STUDY/ *DEXAMETHASONE,
administration & dosage/ FEMALE/
*GLAUCOMA, blood/ GLAUCOMA, drug
therapy/ HUMAN/ HYDROCORTISONE,
antagonists & inhibitors/ *HYDROCORTISONE,
blood/ INTRAOCULAR PRESSURE, drug

AUTHOR SECTION

- effects/ MALE/ PLACEBOS/ TIME FACTORS/
VISUAL FIELDS
3857. Rosenoff SH, Wolf ML, Chabner BA: Pseudomonas blepharoconjunctivitis: a complication of combination chemotherapy.
Arch Ophthalmol 91:490-1, Jun 74
*ANTINEOPLASTIC AGENTS, adverse effects/
BACITRACIN, therapeutic use/ BLEPHARITIS,
drug therapy/ BLEPHARITIS, etiology/ BONE
MARROW, drug effects/ BREAST
NEOPLASMS, drug therapy/ CARBENICILLIN,
therapeutic use/ CASE REPORT/
CEPHALOTHIN, therapeutic use/
CONJUNCTIVITIS, drug therapy/
*CONJUNCTIVITIS, etiology/
CYCLOPHOSPHAMIDE, adverse effects/
CYCLOPHOSPHAMIDE, therapeutic use/
DRUG THERAPY, COMBINATION/ *EYELID
DISEASES, etiology/ FEMALE/
FLUOROURACIL, adverse effects/
FLUOROURACIL, therapeutic use/
GENTAMICIN, therapeutic use/ HUMAN/
METHOTREXATE, adverse effects/
METHOTREXATE, therapeutic use/
NEOMYCIN, therapeutic use/ POLYMYXIN,
therapeutic use/ PREDNISONE, adverse
effects/ PREDNISONE, therapeutic use/
PSEUDOMONAS AERUGINOSA/
*PSEUDOMONAS INFECTIONS, etiology
3858. Rosenqvist U: Effect of bicarbonate and phosphate on the adrenergic receptor response in human adipose tissue in vitro. Acta Med Scand 195:345-50, May 74
ACETAZOLAMIDE, pharmacodynamics/
*ADIPOSE TISSUE, drug effects/ ADULT/
*BICARBONATES, pharmacodynamics/
BUFFERS/ CALCIUM, metabolism/ CULTURE
MEDIA/ DEPRESSION, CHEMICAL/
DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ GLYCERIN, metabolism/
HUMAN/ IN VITRO/ MITOCHONDRIA, drug
effects/ NOREPINEPHRINE,
pharmacodynamics/ PHENTOLAMINE,
pharmacodynamics/ *PHOSPHATES,
pharmacodynamics/ *RECEPTORS,
ADRENERGIC, drug effects/ STIMULATION,
CHEMICAL
3859. Rosenthal S, Kaufman S: Vincristine neurotoxicity. Ann Intern Med 80:733-7, Jun 74 (62 ref.)
ABDOMEN/ AUTONOMIC NERVOUS SYSTEM/
AXONS, drug effects/ CONSTIPATION,
chemically induced/ CONVULSIONS,
chemically induced/ CRANIAL NERVES/
DEPRESSION, chemically induced/ DIABETIC
NEUROPATHIES, complications/ DRUG
INTERACTIONS/ HALLUCINATIONS,
chemically induced/ HUMAN/
HYPONATREMIA, chemically induced/
HYPOTENSION, ORTHOSTATIC, chemically
induced/ INTESTINAL OBSTRUCTION,
chemically induced/ MUSCULAR ATROPHY,
complications/ *NERVOUS SYSTEM DISEASES,
chemically induced/ NEURAL CONDUCTION,
drug effects/ NOREPINEPHRINE, blood/
PAIN, chemically induced/ PARESTHESIA,
chemically induced/ PARKINSONISM,
complications/ PERIPHERAL NERVE
DISEASES, chemically induced/ REVIEW/
VASOPRESSIN, secretion/ VINCISTINE,
pharmacodynamics/ *VINCISTINE, toxicity
3860. Roser S, Aron C: Modifications du taux de l'oestadiol 17 beta ovarien chez des rattees traitées par LH au début de cycles de 4 jours.
CR Acad Sci [D] (Paris) 277:1799-801, 29 Oct 73 (Fre)
ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, GAS/ ESTRADIOL,
blood/ *ESTRADIOL, secretion/ *ESTRUS,
drug effects/ FEMALE/ *LH,
pharmacodynamics/ OVARY, blood supply/
*OVARY, secretion/ OVULATION, drug
effects/ PROGESTERONE, secretion/
SECRETORY RATE, drug effects/ TIME
FACTORS
3861. Rosin H, Rosin AM, Krämer J: Determination of antibiotic levels in human bone. I. Gentamicin levels in bone. Infection 2:3-6, 1974
- ACETABULUM, analysis/ *BONE AND BONES,
analysis/ BONE MARROW, analysis/ FEMUR,
analysis/ GENTAMICIN, administration &
dosage/ *GENTAMICIN, analysis/
GENTAMICIN, blood/ HEMOGLOBINOMETRY/
HUMAN/ TIME FACTORS
3862. Rosman NF: Increased intracranial pressure in childhood. Pediatr Clin North Am 21:483-99, May 74
ADRENAL CORTEX HORMONES, therapeutic
use/ BRAIN, blood supply/ BRAIN EDEMA,
drug therapy/ BRAIN EDEMA, surgery/
CEREBROSPINAL FLUID, physiology/
CEREBROVASCULAR CIRCULATION/
ENCEPHALOCELE, etiology/ GLYCERIN,
therapeutic use/ HEAD, pathology/
HEADACHE, etiology/ HUMAN/ HYPERTONIC
SOLUTIONS/ HYPOTHERMIA, INDUCED/
*INTRACRANIAL PRESSURE/ MANNITOL,
therapeutic use/ PAPILLEDEMA,
complications/ *PAPILLEDEMA, diagnosis/
PAPILLEDEMA, drug therapy/
PAPILLEDEMA, etiology/ PAPILLEDEMA,
radiography/ PAPILLEDEMA, surgery/
PAPILLEDEMA, therapy/ PERSONALITY
DISORDERS, etiology/ REGIONAL BLOOD
FLOW/ UREA, therapeutic use/ VISION
DISORDERS, etiology/ VOMITING, etiology
3863. Rosner W, Toppel S, Smith RN:
Testosterone-estradiol-binding globulin of human
plasma: denaturation and protection.
Biochim Biophys Acta 351:92-8, 10 May 74
BINDING SITES/ BUFFERS/ CALCIUM,
pharmacodynamics/ CATIONS, DIVALENT,
pharmacodynamics/ COMPARATIVE STUDY/
DITHIOTHREITOL, pharmacodynamics/ DRUG
STABILITY/ EDTA, pharmacodynamics/
*ESTRADIOL, metabolism/ GLYCERIN,
pharmacodynamics/ HALF-LIFE/ HUMAN/
KINETICS/ ORGANOMETALLIC COMPOUNDS,
pharmacodynamics/ PHENOLS,
pharmacodynamics/ PROTEIN BINDING/
PROTEIN DENATURATION/ *RECEPTORS,
HORMONE, drug effects/ *SERUM
GLOBULINS, metabolism/ STANOLONE,
pharmacodynamics/ SULFONIC ACIDS,
pharmacodynamics/ TEMPERATURE/
*TESTOSTERONE, metabolism/ TIME
FACTORS/ TRITIUM
3864. Ross GE, Zucker I: Progesterone and the ovarian-adrenal modulation of energy balance in rats. Horm Behav 5:43-62, Mar 74
ADRENAL GLANDS, physiology/
ADRENALECTOMY/ AGE FACTORS/ ANIMAL
EXPERIMENTS/ BODY WEIGHT,
drug effects/ CASTRATION/ DIET,
SALT-FREE/ *ENERGY METABOLISM, drug
effects/ *FEEDING BEHAVIOR, drug effects/
FEMALE/ INJECTIONS, SUBCUTANEOUS/
OVARY, physiology/ PROGESTERONE,
administration & dosage/ *PROGESTERONE,
pharmacodynamics/ PUBERTY/ RATS/
SESAME OIL, pharmacodynamics/ SODIUM
CHLORIDE, administration & dosage/
STIMULATION, CHEMICAL/ TIME FACTORS
3865. Ross GT: Gonadotropins and preantral follicular maturation in women.
Fertil Steril 25:522-43, Jun 74 (85 ref.)
ANENCEPHALUS, physiopathology/ CELL
DIFFERENTIATION/ CONTRACEPTIVES,
ORAL, pharmacodynamics/ ETHINYL
ESTRADIOL, pharmacodynamics/ FEMALE/
FETUS, growth & development/
*GONADOTROPINS, PITUITARY, physiology/
GONADOTROPINS, PITUITARY, secretion/
HISTOCYTOCHEMISTRY/ HUMAN/
HYPOPHYSITARISM, physiopathology/
LYNESTRENOL, pharmacodynamics/
MATERNAL-FETAL EXCHANGE/
MESTRANOL, pharmacodynamics/
NORETHINDRONE, pharmacodynamics/
OVARY, drug effects/ *OVARY, growth &
development/ OVARY, pathology/ PITUITARY
GLAND, drug effects/ PITUITARY GLAND,
physiology/ PITUITARY GLAND,
physiopathology/ REVIEW/ TROPHOBLAST

AUTHOR SECTION

3866. Rossdale P, Silver M, Comline RS, et al: Plasma cortisol in the foal during the late fetal and early neonatal period. *Res Vet Sci* 15:395-7, Nov 73
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, metabolism/ FETUS/ GESTATIONAL AGE/ *HORSES, metabolism/ *HYDROCORTISONE, blood/ JUGULAR VEIN/ UMBILICAL ARTERIES/ UMBILICAL VEINS
3867. Rossler G, Wilson DW, Pierrepont CG: Proceedings: Investigation of steroid-receptor interaction in pregnant sheep myometrium. *N Engl J Med* 291:1119, 11 Jun 74
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOSOL, metabolism/ *ESTROGENS, metabolism/ IN VITRO/ MALE/ *PREGNANCY, ANIMAL/ *PROGESTATIONAL HORMONES, metabolism/ *RECEPTORS, HORMONE/ SHEEP/ *UTERUS, metabolism
3868. Rossing N, Parving HH, Korsgaard O: Metabolism and transcapillary escape rate of albumin in acromegaly. *Scand J Clin Lab Invest* 33:39-44, Feb 74
ACROMEGALY, blood/ *ACROMEGALY, metabolism/ ADULT/ ALBUMINS, biosynthesis/ *ALBUMINS, metabolism/ *CAPILLARY PERMEABILITY/ FEMALE/ GLUCOSE, pharmacodynamics/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ MIDDLE AGE/ PLASMA VOLUME, drug effects/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, RADIOIODINATED, pharmacodynamics/ SOMATOTROPIN, blood/ TIME FACTORS
3869. Rössler R, Gaiser H: Plasma-Aldosteron und Renin-Aktivität bei Gesunden unter Natriumzufuhr und Natriumentzug. *Dtsch Med Wochenschr* 99:885-9, 5 Apr 74 (Ger)
*ALDOSTERONE, blood/ DEFICIENCY DISEASES, blood/ FUROSEMIDE, pharmacodynamics/ PLASMA VOLUME, drug effects/ *RENIN, blood/ SECRETORY RATE/ SODIUM CHLORIDE, administration & dosage/ *SODIUM CHLORIDE, metabolism/ STIMULATION, CHEMICAL
3870. Rossmeler A: Letter: Estrogenic substances in beef. *JAMA* 229:520-1, 29 Jul 74
ANIMAL EXPERIMENTS/ ANIMAL FEED/ *DIETHYLSTILBESTROL, analysis/ ESTROGENIC SUBSTANCES, CONJUGATED, analysis/ *ESTROGENS, analysis/ ESTROGENS, biosynthesis/ FEMALE/ FOOD ANALYSIS/ HUMAN/ MALE/ *MEAT, analysis/ RADIOIMMUNOASSAY
3871. Rost FW, Pearse AG: Microfluorometry of primary and secondary fluorescence in biological tissue. *Histochem J* 6:245-50, May 74
ACETIC ACIDS, diagnostic use/ ANIMAL EXPERIMENTS/ BIOGENIC AMINES, analysis/ CATECHOLAMINES, analysis/ DOPA, analysis/ DOPAMINE, analysis/ FLUORESCENCE/ FORMALDEHYDE, diagnostic use/ HISTOCYTOCHEMISTRY/ HUMAN/ METHODS/ MICROSCOPY, FLUORESCENCE/ SEROTONIN, analysis/ *SPECTROMETRY, FLUORESCENCE
3872. Roth GS, Adelman RC: Age-dependent regulation of mammalian DNA synthesis and cell division in vivo by glucocorticoids. *Exp Gerontol* 9:27-31, Feb 74
ADRENAL CORTEX HORMONES, physiology/ ADRENALECTOMY/ AGE FACTORS/ *AGING/ ANIMAL EXPERIMENTS/ *CELL DIVISION, drug effects/ *DNA, biosynthesis/ DRUG RESISTANCE/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, pharmacodynamics/ ISOPROTERENOL, administration & dosage/ ISOPROTERENOL, antagonists & inhibitors/ *ISOPROTERENOL, pharmacodynamics/ MALE/ RATS/ STIMULATION, CHEMICAL/ *SUBMANDIBULAR GLAND, drug effects/ SUBMANDIBULAR GLAND, metabolism/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM
3873. Roth GS, Karoly K, Adelman A, et al: Regulation of isoproterenol-stimulated DNA synthesis in rat salivary gland in vivo by adrenal glucocorticoids. *Exp Gerontol* 9:13-26, Feb 74
ADRENAL CORTEX HORMONES, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CIRCADIAN RHYTHM/ CORTICOSTERONE, administration & dosage/ CORTICOSTERONE, metabolism/ *CORTICOSTERONE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ *DNA, biosynthesis/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HYDROCORTISONE, administration & dosage/ HYDROCORTISONE, metabolism/ *HYDROCORTISONE, pharmacodynamics/ ISOPROTERENOL, administration & dosage/ ISOPROTERENOL, antagonists & inhibitors/ *ISOPROTERENOL, pharmacodynamics/ MALE/ RATS/ STIMULATION, CHEMICAL/ SUBCELLULAR FRACTIONS, metabolism/ SUBMANDIBULAR GLAND, drug effects/ *SUBMANDIBULAR GLAND, metabolism/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM
3874. Roth HP, Kirchgessner M: Zum Einfluss unterschiedlicher Diätzinkgehalte auf die Aktivität der alkalischen Phosphatase im Knochen. 9. Zum Stoffwechsel des Zinks im tierischen Organismus. *Z Tierphysiol* 33:57-61, Apr 74 (Ger)
*ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ *BONE AND BONES, enzymology/ CASEIN, metabolism/ DIET/ ENGLISH ABSTRACT/ MALE/ RATS/ ZINC, administration & dosage/ *ZINC, metabolism
3875. (Roth J): Citation for the Ernst Oppenheimer Memorial Award of The Endocrine Society for 1974 to Jesse Roth, M.D. *Endocrinology* 95:331-3, Jul 74
*AWARDS AND PRIZES/ CURRENT BIOGRAPHY/ *ENDOCRINOLOGY/ UNITED STATES
3876. Roth M: Letter: Bovine thymin. *Nature* 249:863-4, 28 Jun 74
ANIMAL EXPERIMENTS/ *HORMONES, isolation & purification/ *NOMENCLATURE/ PEPTIDES, isolation & purification/ *THYMUS EXTRACTS, isolation & purification
3877. Rothchild I, Pepe GJ, Morishige WK: Factors affecting the dependency of LH in the regulation of corpus luteum progesterone secretion in the rat. *Endocrinology* 95:280-8, Jul 74
ANIMAL EXPERIMENTS/ *CORPUS LUTEUM, secretion/ FEMALE/ HORSES/ HYSTERECTOMY/ IMMUNE SERUMS, pharmacodynamics/ LACTATION/ LH, blood/ PROGESTERONE, blood/ *PROGESTERONE, secretion/ PSEUDOPREGNANCY/ TIME FACTORS
3878. Roti JL, Cerutti PA: Letter: Gamma-ray induced thymine damage in mammalian cells. *Int J Radiat Biol* 25:413-7, Apr 74
AEROBICOSIS/ ALCOHOL, METHYL/ ANAEROBICOSIS/ ANIMAL EXPERIMENTS/ CELLS, CULTURED, radiation effects/ CYSTEINE/ DNA, radiation effects/ ETHYLENE/ FEMALE/ GLYCERIN/ GLYCOLS/ IN VITRO/ OVARY/ *RADIATION EFFECTS/ *THYMINE, radiation effects/ TRITIUM
3879. Roubicek CB, Ray DE: Measures of skewness and kurtosis of distributions of blood and liver constituents of rats (*Rattus norvegicus*) at two environmental temperatures. *Comp Biochem Physiol [A]* 48:205-16, 1 Jun 74
*BLOOD PROTEINS, analysis/ BODY WATER, analysis/ FEMALE/ HEMATOCRIT/ IODINE, blood/ *LIVER, analysis/ MALE/ ORGAN WEIGHT/ PROTEIN BINDING/ RATS/ STATISTICS/ *TEMPERATURE/ VITAMIN A, analysis
3880. Rounthwaite FJ: Sinusitis and the blind eye. *Can J Otolaryngol* 3:219-24, 1974
ADOLESCENCE/ *BLINDNESS, etiology/ CELLULITIS, complications/ CELLULITIS, etiology/ CRANIAL NERVES/

AUTHOR SECTION

- ENTEROBACTERIACEAE INFECTIONS, complications/ EXOPHTHALMOS, etiology/ EYE DISEASES, classification/ EYE DISEASES, complications/ EYE DISEASES, etiology/ FEMALE/ HUMAN/ INFLAMMATION, complications/ INFLAMMATION, etiology/ MALE/ MIDDLE AGE/ OPTIC NERVE/ *ORBIT/ OSTEOMYELITIS, etiology/ PARALYSIS, complications/ PARALYSIS, etiology/ *SINUSITIS, complications/ SYMPATHETIC NERVOUS SYSTEM/ SYNDROME
3881. Roux H, Loras B, Audi-Parera L, et al: Dosage de la 17-alpha-hydroxyprogestérone plasmatique par liaison compétitive aux protéines. Ann Biol Clin (Paris) 32:65-9, 1974 (Fre)
BINDING, COMPETITIVE/ CORTICOSTERONE/ CORTICOTROPIN, administration & dosage/ DEXAMETHASONE, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROXYPROGESTERONE, blood/ MALE/ METHODS/ PROTEIN BINDING/ TRANSCORTIN
3882. Rowe GG, Afonso S: Systemic and coronary hemodynamic effects of intracoronary administration of prostaglandins E1 and E2. Am Heart J 88:51-60, Jul 74
ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CARDIAC OUTPUT, drug effects/ CORONARY CIRCULATION, drug effects/ CORONARY VESSELS/ HEART CATHETERIZATION/ *HEMODYNAMICS, drug effects/ INJECTIONS, INTRA-ARTERIAL/ MYOCARDIUM, metabolism/ OXYGEN CONSUMPTION/ PROPRANOLOL, pharmacodynamics/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ SOTALOL, pharmacodynamics/ VASCULAR RESISTANCE, drug effects/ VASODILATOR AGENTS
3883. Rowe PH, Lincoln GA, Racey PA, et al: Temporal variations of testosterone levels in the peripheral blood plasma of men. J Endocrinol 61:63-73, Apr 74
ADULT/ ANDROSTENEDIONE/ ANDROSTENOLS/ ANTIBODIES/ CHOLESTEROL/ *CIRCADIAN RHYTHM/ CROSS REACTIONS/ CYPROTERONE/ ESTRADIOL/ ESTRIOL/ ESTRONE/ HUMAN/ IMMUNE SERUMS/ MALE/ PROGESTERONE/ RADIOIMMUNOASSAY/ *TESTOSTERONE, blood
3884. Rowland N, Melle MJ, Nicolaidis S: Action inadéquate des apports parentéraux sur l'insulinosécrétion et sur le contrôle du comportement alimentaire chez le rat. C R Acad Sci [D] (Paris) 277:1783-6, 29 Oct 73 (Fre)
ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ APPETITE REGULATION/ ELECTRODES, IMPLANTED/ ENERGY METABOLISM/ *FEEDING BEHAVIOR/ FEMALE/ HYPOTHALAMUS, physiology/ INSULIN, physiology/ *INSULIN, secretion/ MALE/ NUTRITION DISORDERS, etiology/ *PARENTERAL FEEDING, adverse effects
3885. Royen FM, Ziter FM Jr: Ovarian carcinoma metastatic to the breast. Br J Radiol 47:356-7, Jun 74
BIOPSY, NEEDLE/ BREAST NEOPLASMS, pathology/ *BREAST NEOPLASMS, radiography/ CALCINOSIS, radiography/ CASTRATION/ *CYSTADENOMA, PAPILLARY, pathology/ FEMALE/ HUMAN/ MAMMOGRAPHY/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS, pathology/ OVARIAN NEOPLASMS, radiotherapy/ OVARIAN NEOPLASMS, surgery
3886. Rozhchina Tta: Soderzhanie gialuronovoi kisloty, gialuronidazy i antigialuronidazy u zhenshchin s pervichnoi slabost'iu rodovoi delatel'nosti. Akush Ginekol (Mosk) 49:14-8, Nov 73 (Rus)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ FETAL MEMBRANES, analysis/ HUMAN/ *HYALURONIC ACID, blood/ HYALURONIDASE, antagonists & inhibitors/ *HYALURONIDASE, blood/ *LABOR/ PLACENTAL EXTRACTS, analysis/ PREGNANCY/ UTERINE INERTIA, blood/ *UTERINE INERTIA, enzymology
3887. Rozler JC Jr, Underwood PB Jr: Use of progestational agents in endometrial adenocarcinoma. Obstet Gynecol 44:60-4, Jul 74
*ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, mortality/ ADMINISTRATION, ORAL/ ENDOMETRIUM, drug effects/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ MEDROGESTONE, administration & dosage/ MEDROGESTONE, therapeutic use/ MEDROXYPROGESTERONE, administration & dosage/ MEDROXYPROGESTERONE, therapeutic use/ MEGESTROL, administration & dosage/ MEGESTROL, therapeutic use/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL, drug therapy/ *PROGESTATIONAL HORMONES, therapeutic use/ *UTERINE NEOPLASMS, drug therapy/ UTERINE NEOPLASMS, mortality
3888. Rozmaric A, Havelka J: Příspěvek k rtg-diagnostice moly hydratiformis. Cesk Gynecol 39:45-6, Feb 74 (Cze)
CONTRAST MEDIA, administration & dosage/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, radiography/ METHODS
3889. Rozumenko MB, Andrashko VV: Vzaimozv'язok mizh rivnem estrohenykh hormoniv v orhanizmi i aktyvnosti hialuronidaznoi fermentnoi systemy. Pediatr Akush Ginekol 3:44-7, 1973 (Ukr)
ANIMAL EXPERIMENTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG INTERACTIONS/ *ESTRONE, pharmacodynamics/ FEMALE/ HYALURONIC ACID, blood/ HYALURONIDASE, antagonists & inhibitors/ *HYALURONIDASE, blood/ PREGNANCY/ RABBITS
3890. Rubens R, Dhont M, Vermeulen A: Further studies on Leydig cell function in old age. J Clin Endocrinol Metab 39:40-5, Jul 74
*AGING/ ESTRADIOL, blood/ ESTRONE, blood/ FSH, blood/ GONADOTROPINS, CHORIONIC, diagnostic use/ HUMAN/ *LEYDIG CELLS, physiology/ LH, blood/ LH-FSH RELEASING HORMONE, diagnostic use/ MALE/ PITUITARY GLAND FUNCTION TESTS/ RADIOIMMUNOASSAY/ TESTOSTERONE, blood
3891. Rubin H, Lome LG, Presman D: Neurological manifestation of metastatic prostatic carcinoma. J Urol 111:799-802, Jun 74
AGED/ *CARCINOMA, complications/ CARCINOMA, drug therapy/ CARCINOMA, pathology/ CARCINOMA, radiotherapy/ CARCINOMA, surgery/ CASTRATION/ ESTROGENS, therapeutic use/ HUMAN/ LAMINECTOMY/ MALE/ MIDDLE AGE/ MYELOGRAPHY/ NEOPLASM METASTASIS/ PARALYSIS, drug therapy/ *PARALYSIS, etiology/ PARALYSIS, radiotherapy/ PARALYSIS, surgery/ PARAPLEGIA, drug therapy/ *PARAPLEGIA, etiology/ PARAPLEGIA, radiotherapy/ PARAPLEGIA, surgery/ *PROSTATIC NEOPLASMS, complications/ PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, pathology/ PROSTATIC NEOPLASMS, radiotherapy/ PROSTATIC NEOPLASMS, surgery/ SCLEROSIS, etiology/ *SPINAL CORD COMPRESSION, etiology/ SPINAL CORD DISEASES, etiology/ SPINAL NEOPLASMS, pathology
3892. Rubio Lotvin B, Ruiz Moreno JA, Bolio Arista R, et al: Un anticonceptivo mensual parenteral (comunicación preliminar). Gynecol Obstet Mex 35:257-61, Mar 74 (Spa)
ADULT/ *CONTRACEPTIVE AGENTS/ DRUG EVALUATION/ ENGLISH ABSTRACT/ *ESTRADIOL, administration & dosage/ FEMALE/ HUMAN/ *MEDROXYPROGESTERONE, administration &

AUTHOR SECTION

- dosage/ OVULATION, drug effects/
PREGNANCY/ TIME FACTORS
3893. Rudek Z: Karyological investigations of two forms of *Vimba vimba* (Linnaeus 1758) occurring in Poland. *Folia Biol (Krakow)* 22:211-5, 1974
ANIMAL EXPERIMENTS/ CELL DIVISION/
*CHROMOSOMES/ COMPARATIVE STUDY/
FEMALE/ *FISHES/ KARYOTYPING/ MALE/
*SEX CHROMOSOMES
3894. Rudin L, Megalli M, Mesa-Tejada R: Genital sarcoidosis. *Urology* 3:750-4, Jun 74
ADRENAL CORTEX HORMONES, therapeutic use/ BIOPSY/ DIAGNOSIS, DIFFERENTIAL/
EPIDIDYMITIS, pathology/ EPIDIDYMITIS, etiology/ GENITAL DISEASES, MALE, diagnosis/ GENITAL DISEASES, MALE, drug therapy/ *GENITAL DISEASES, MALE, etiology/ GENITAL DISEASES, MALE, pathology/ GRANULOMA, pathology/ HUMAN/ MALE/ *SARCOIDOSIS, complications/ SARCOIDOSIS, diagnosis/ SARCOIDOSIS, drug therapy/ SARCOIDOSIS, pathology
3895. Rudkin GT, Tartof KD: Repetitive DNA in polytene chromosomes of *Drosophila melanogaster*. *Cold Spring Harbor Symp Quant Biol* 38:397-403, 1973
ANIMAL EXPERIMENTS/ BASE SEQUENCE/
CELL NUCLEUS/ *CHROMOSOMES, analysis/
CYTIDINE, metabolism/ *DNA, analysis/
*DROSOPHILA MELANOGASTER, cytology/
FEMALE/ MALE/ NUCLEIC ACID
HYBRIDIZATION/ *NUCLEOTIDES, analysis/
SEX CHROMOSOMES, analysis/ TRITIUM
3896. Rueger RG: Benign disease of the thyroid gland and vocal cord paralysis. *Laryngoscope* 84:897-907, Jun 74
AGED/ FEMALE/ GOITER, complications/
GOITER, diagnosis/ GOITER, radiography/
GOITER, surgery/ GOITER, NODULAR, complications/ GOITER, NODULAR, diagnosis/
GOITER, NODULAR, surgery/ HUMAN/
HYPERTROPHY/ MALE/ MIDDLE AGE/
*THYROID DISEASES, complications/
THYROID DISEASES, diagnosis/ THYROID DISEASES, surgery/ THYROIDECTOMY/
VOCAL CORD PARALYSIS, diagnosis/
*VOCAL CORD PARALYSIS, etiology/ VOCAL CORD PARALYSIS, surgery
3897. Rüegg M, Jaques R: Tribenolide as an inhibitor of chemically induced histamine release. *Experientia* 30:399-401, 15 Apr 74
ANIMAL EXPERIMENTS/
ANTIHISTAMINICS, pharmacodynamics/
*BENZYL COMPOUNDS, pharmacodynamics/
CITRATES, pharmacodynamics/ COMPOUND 48-80, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ DIETHYLCARBAMAZINE, pharmacodynamics/ DISODIUM CROMOGLYCATE, pharmacodynamics/
FLUFENAMIC ACID, pharmacodynamics/
GLUCOSE, pharmacodynamics/ *GLYCOSIDES, pharmacodynamics/ *HISTAMINE LIBERATION, drug effects/ ISOPROTERENOL, pharmacodynamics/ LYSINE, pharmacodynamics/ MALE/ *MAST CELLS, drug effects/ NICOTINAMIDE, pharmacodynamics/ NIKETHAMIDE, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ PHLORETIN, pharmacodynamics/ SERINE, pharmacodynamics/ SODIUM/ SODIUM SALICYLATE, pharmacodynamics/
THEOPHYLLINE, pharmacodynamics
3898. Ruffner BW: Letter: Androgen role in erythroleukemia after treatment with alkylating agents. *Ann Intern Med* 81:118-9, Jul 74
*ALKYLATING AGENTS, administration & dosage/ *ANDROGENS, adverse effects/
CARCINOMA, DUCTAL, drug therapy/
CHLORAMBUCIL, administration & dosage/
CYTARABINE, administration & dosage/
*ERYTHROLEUKEMIA, chemically induced/
ERYTHROLEUKEMIA, drug therapy/
FEMALE/ FLUOXYMESTERONE, administration & dosage/ HUMAN/
LEUKEMIA, MYELOBLASTIC, chemically induced/ LEUKEMIA, MYELOCYTIC, chemically induced/ LUNG NEOPLASMS, drug therapy/ NEOPLASM METASTASIS/
THIO-TEPA, administration & dosage
3899. Ruitenber EJ, Berkvens JM, Huis in 't Veld LG, et al: Onderzoek van vlees van slachtkalveren op de aanwezigheid van uterotrope stoffen. *Tijdschr Diergeneeskd* 97:351-5, 15 Mar 72 (Dut)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ ENGLISH ABSTRACT/ FEMALE/
*GONADOTROPINS, analysis/ *MEAT, analysis/
NETHERLANDS/ ORGAN WEIGHT/ UTERUS, drug effects
3900. Ruiz Velasco V, Borjón Fernández L: Acción del succinil estril en el climaterio femenino. *Ginecol Obstet Mex* 35:1-7, Jan 74 (Spa)
ADULT/ AGED/ *CLIMACTERIC, drug effects/ ENDOMETRIUM, drug effects/
ENGLISH ABSTRACT/ *ESTRIOL, pharmacodynamics/ EVALUATION STUDIES/
FEMALE/ HUMAN/ MIDDLE AGE/
SUCCINATES, pharmacodynamics
3901. Ruka W, Antczak J: Przeglądowa limfografia tarczycy. *Pol Przegl Chir* 46:649-55, May 74 (Pol)
ADULT/ ENGLISH ABSTRACT/ FEMALE/
*GOITER, NODULAR, radiography/ HUMAN/
LYMPHOGRAPHY/ MALE/ METHODS/ SKIN/
*THYROID GLAND, radiography
3902. Rumpelt HJ, Thoenes W: Focal and segmental sclerosing glomerulopathy (-nephritis). *Virchows Arch [Pathol Anat]* 362:265-82, 1974
BIOPSY/ CAPILLARIES/ CORTISONE, adverse effects/ FEMALE/ GLOBULINS, metabolism/
GLOMERULONEPHRITIS, immunology/
*GLOMERULONEPHRITIS, pathology/
HEMATURIA, pathology/ HUMAN/ HYALIN SUBSTANCE, analysis/ IGG, metabolism/ IGM, metabolism/ JUXTAGLOMERULAR APPARATUS, pathology/ LOOP OF HENLE, blood supply/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/
NEPHROTIC SYNDROME, pathology/
PROTEINURIA, pathology/ SCLEROSIS, pathology
3903. Ruoslahti E, Salaspuro M, Pihko H, et al: Serum alpha-fetoprotein: diagnostic significance in liver disease. *Br Med J* 2:527-9, 8 Jun 74
BIOPSY/ FEMALE/ *FETAL GLOBULINS, analysis/ HEPATITIS, diagnosis/ HUMAN/
LIVER, pathology/ LIVER CIRRHOSIS, diagnosis/ *LIVER DISEASES, diagnosis/
LIVER NEOPLASMS, diagnosis/ LIVER REGENERATION/ NEOPLASM METASTASIS/
OVARIAN NEOPLASMS, diagnosis/
RADIOIMMUNOASSAY/ TERATOID TUMOR, diagnosis
3904. Rurak DW, Perks AM: The pharmacological characterization of arginine vasotocin in the pituitary of the pacific hagfish (*Polistotrema stoutii*). *Gen Comp Endocrinol* 22:480-8, Apr 74
ANIMAL EXPERIMENTS/ ARGININE/
BIOLOGICAL ASSAY/ CHROMATOGRAPHY, ION EXCHANGE/ *CYCLOSTOMES, physiology/ *PITUITARY GLAND, analysis/
THIOGLYCOLATES/ TRICHLOROACETIC ACID/ *VASOTOCIN, analysis
3905. Rush RA, Thomas PE, Kindler SH, et al: The interaction of dopamine-beta-hydroxylase with concanavalin A and its use in enzyme purification. *Biochem Biophys Res Commun* 57:1301-5, 23 Apr 74
ADRENAL GLANDS, enzymology/ BINDING SITES/ CATTLE/ CHROMAFFIN SYSTEM, enzymology/ CHROMATOGRAPHY, AFFINITY/
*CONCAVALIN A/ DOPAMINE BETA HYDROXYLASE/ *DOPAMINE BETA HYDROXYLASE, isolation & purification/
DOPAMINE BETA HYDROXYLASE, metabolism/ ELECTROPHORESIS, DISC/
GLUCOSE, analysis/ GLYCOPROTEINS/ GLYCOPROTEINS, isolation & purification/
GLYCOPROTEINS, metabolism/ MANNOSE, analysis/ MANNOSE, pharmacodynamics/

AUTHOR SECTION

METHYLGLYCOSIDES, pharmacodynamics/
PROTEIN BINDING/ ULTRAFILTRATION

3906. Russell JC, Peng FS: The measurement of succinic dehydrogenase in micro samples of tissue. Rev Can Biol 33:55-60, Mar 74

ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ CELL COUNT/
CHEMISTRY/ CORTICOSTERONE,
pharmacodynamics/ CYTIDINE,
pharmacodynamics/ FILTRATION/ ISOTOPE
LABELING/ *LIVER, enzymology/ METHODS/
*MUSCLES, enzymology/ *NERVE TISSUE,
enzymology/ PEYER'S PATCHES, cytology/
SCINTILLATION COUNTERS/ *SUCCINATE
DEHYDROGENASE, analysis/ THYMIDINE,
pharmacodynamics/ THYMUS GLAND,
cytology/ THYMUS GLAND, drug effects/
*THYMUS GLAND, physiology/ TIME
FACTORS/ TRITIUM/ XENOPUS

3907. Russell JT, Thorn NA: Calcium and stimulus-secretion coupling in the neurohypophysis. II. Effects of lanthanum, a verapamil analogue (D600) and prenylamine on 45-calcium transport and vasopressin release in isolated rat neurohypophyses. Acta Endocrinol (Kbh) 76:471-87, Jul 74

ANIMAL EXPERIMENTS/ *CALCIUM,
metabolism/ CALCIUM RADIOISOTOPES/
CELL MEMBRANE/ DEPRESSION,
CHEMICAL/ ELECTRIC STIMULATION/
*IPROVERATRIL, pharmacodynamics/
*LANTHANUM, pharmacodynamics/
*PITUITARY GLAND, POSTERIOR, drug
effects/ PITUITARY GLAND, POSTERIOR,
metabolism/ POTASSIUM, pharmacodynamics/
*PRENYLAMINE, pharmacodynamics/
STIMULATION, CHEMICAL/ TIME FACTORS/
*VASOPRESSIN, metabolism

3908. Russell JT, Thorn NA: Calcium and stimulus-secretion coupling in the neurohypophysis. I. 45-Calcium transport and vasopressin release in slices from ox neurohypophyses stimulated electrically or by a high potassium concentration. Acta Endocrinol (Kbh) 76:449-70, Jul 74

ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ *CALCIUM, metabolism/
CALCIUM RADIOISOTOPES/ DEPRESSION,
CHEMICAL/ ELECTRIC STIMULATION/
FEMALE/ LANTHANUM, pharmacodynamics/
METHODS/ *PITUITARY GLAND,
POSTERIOR, metabolism/ POTASSIUM,
metabolism/ *POTASSIUM, pharmacodynamics/
SODIUM, metabolism/ STIMULATION,
CHEMICAL/ TIME FACTORS/
VASOPRESSIN, metabolism

3909. (Russell R), Lauste LW: Dr. Richard Russell 1687-1759. Proc R Soc Med 67:327-30, May 74

ENDOCRINE DISEASES, history/ EXOCRINE
GLANDS/ GREAT BRITAIN/ HISTORICAL
ARTICLE/ HISTORICAL BIOGRAPHY/
HUMAN/ LYMPHATIC DISEASES, history

3910. Russell RG, Smith R, Preston C, et al: Diphosphonates in Paget's disease. Lancet 1:894-8, 11 May 74

ADMINISTRATION, ORAL/ ALKALINE
PHOSPHATASE, blood/ BIOPSY/ BONE AND
BONES, pathology/ BONE RESORPTION/
CALCIUM, blood/ CALCIUM, urine/
CLINICAL RESEARCH/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ HUMAN/
HYDROXYPROLINE, urine/
*ORGANOPHOSPHORUS COMPOUNDS,
therapeutic use/ OSTEITIS DEFORMANS,
blood/ *OSTEITIS DEFORMANS,
drug therapy/ OSTEITIS DEFORMANS,
enzymology/ OSTEITIS DEFORMANS,
pathology/ OSTEITIS DEFORMANS, urine/
PHOSPHATES, blood/ PHOSPHATES, urine/
SODIUM ETIDRONATE, administration &
dosage/ SODIUM ETIDRONATE, therapeutic
use

3911. Russell RG, Smith R, Walton RJ, et al:

1,25-dihydroxycholecalciferol and
1alpha-hydroxycholecalciferol in
hypoparathyroidism. Lancet 2:14-7, 8 Jul 74
ADMINISTRATION, ORAL/ CALCIUM, blood/

CALCIUM, urine/
DIHYDROXYCHOLECALCIFEROLS, therapeutic
use/ FEMALE/ HUMAN/
HYDROXYCHOLECALCIFEROL, administration
& dosage/ *HYDROXYCHOLECALCIFEROL,
therapeutic use/ HYDROXYPROLINE, blood/
HYDROXYPROLINE, urine/
HYPOPARATHYROIDISM, blood/
*HYPOPARATHYROIDISM, drug therapy/
HYPOPARATHYROIDISM, urine/ MAGNESIUM,
blood/ MAGNESIUM, urine/ MALE/
PHOSPHATES, blood/ PHOSPHATES, urine

3912. Russo L, Russo A: Letter: "Per cent T cells". Lancet 1:1059-60, 25 May 74

ADULT/ CHILD/ HUMAN/ LEUKEMIA,
LYMPHOCYTIC, blood/ *LEUKOCYTE
COUNT/ LYMPHATIC DISEASES, blood/
OVARIAN NEOPLASMS, blood/ OVARIAN
NEOPLASMS, drug therapy

3913. Rusu M: Chirurgia stereotaxică a hipofizei. Rev Med Chir Soc Med Nat Iasi 77:423-32, Jul-Sep 73 (53 ref.) (Rum)

DIABETIC RETINOPATHY, therapy/
EXOPHTHALMOS, surgery/ HUMAN/
*HYPOPHYSECTOMY/ PITUITARY DISEASES,
surgery/ PITUITARY NEOPLASMS, surgery/
REVIEW/ *STEREOTAXIC TECHNIQS

3914. Rybakowa M, Dropowa K, Krop J: Karta perforowana jako metoda dokumentacji na oddziale endokrynologicznym. Przegl Lek 31:417-20, 1974 (Pol)

DOCUMENTATION/ *ENDOCRINE DISEASES/
HUMAN/ INFORMATION RETRIEVAL
SYSTEMS/ MEDICAL RECORDS/
*PUNCHEd-CARD SYSTEMS

3915. Rybakowa M, Makowska J: Objawy ocne w chorobie Graves-Basedowa u dzieci i ich związek z przebiegiem choroby i leczeniem. Endokrynol Pol 25:133-9, Mar-Apr 74 (Pol)

ADOLESCENCE/ AGE FACTORS/ CHILD/
ENGLISH ABSTRACT/ FEMALE/ *GOITER,
EXOPHTHALMIC, diagnosis/ GOITER,
EXOPHTHALMIC, drug therapy/ HUMAN/
IMMUNOSUPPRESSIVE AGENTS, therapeutic
use/ THYROID ANTAGONISTS, therapeutic
use

3916. Rybkina NN: Svrnritel'noe izuchenie preventivnykh svoystv spetsificheskoi immunofoi syvorotki krollkov, perebolevshikh kleshchevym rikkettsiozom. Vopr Virusol 18:689-93, Nov-Dec 73 (Rus)

ANIMAL EXPERIMENTS/ CELLS,
CULTURED/ COMPARATIVE STUDY/
COMPLEMENT FIXATION TESTS/
CORTISONE, administration & dosage/
ENGLISH ABSTRACT/ GUINEA PIGS/
*IMMUNE SERUMS, pharmacodynamics/
IMMUNIZATION/ IN VITRO/ KIDNEY,
cytology/ MICE/ RABBITS/ RICKETTSIA,
drug effects/ RICKETTSIA, immunology/
RICKETTSIA, pathogenicity/ *RICKETTSIAL
DISEASES, immunology/ SKIN TESTS/ TIME
FACTORS

3917. Ryckewaert A, Lemaire V: Réflexions sur le diagnostic et le traitement des arthrites à pyogènes. Rev Rhum Mal Osteoartic 41:79-82, Feb 74 (Fre)

ANTIBIOTICS, administration & dosage/
*ARTHRITIS/ ARTHRITIS, diagnosis/
ARTHRITIS, drug therapy/ CASTS,
SURGICAL/ CORTISONE, adverse effects/
DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC
ERRORS/ ENGLISH ABSTRACT/ HUMAN/
IMMOBILIZATION/ INJECTIONS,
INTRA-ARTICULAR, adverse effects/
PROGNOSIS/ PUNCTURES/
STAPHYLOCOCCAL INFECTIONS, diagnosis/
STAPHYLOCOCCAL INFECTIONS, drug
therapy/ SUPPURATION

3918. Ryffel G, Hagenbüchle O, Weber R: Unchanged number of rRNA genes in liver and tail muscle of Xenopus larvae during thyroxine induced metamorphosis. Cell Differ 2:191-8, Jul 73

ANIMAL EXPERIMENTS/ DNA, biosynthesis/
DNA REPLICATION/ *GENES/ LARVA/
*LIVER, analysis/ *METAMORPHOSIS,

AUTHOR SECTION

- BIOLOGICAL/ METAMORPHOSIS,
BIOLOGICAL, drug effects/ MUSCLES,
analysis/ NUCLEIC ACID HYBRIDIZATION/
*RNA, RIBOSOMAL/ *TAIL, analysis/
TEMPLATES/ *THYROXINE,
pharmacodynamics/ TRITIUM/ URIDINE,
metabolism/ *XENOPUS, growth &
development
3919. Ryhänen L, Kivirikko KI: Developmental changes in
procollagen lysyl hydroxylase activity in the chick
embryo. *Biochim Biophys Acta* 343:121-8, 20 Mar 74
BONE AND BONES, enzymology/ BONE AND
BONES, growth & development/ CARBON
RADIOISOTOPES/ CHICK EMBRYO, growth &
development/ COLLAGEN/ COMPARATIVE
STUDY/ HEART, growth & development/
KETOGLUTARIC ACID/ KIDNEY, enzymology/
KIDNEY, growth & development/ LIVER,
enzymology/ LIVER, growth & development/
LUNG, enzymology/ LUNG, growth &
development/ LYSINE/ MYOCARDIUM,
enzymology/ ORGAN SPECIFICITY/ *PYRANS,
metabolism/ SKIN, enzymology/ SKIN, growth
& development/ SPLEEN, enzymology/
SPLEEN, growth & development/ *STYRENES,
metabolism/ TIME FACTORS
3920. Ryle M, Court J, Morris R: Proceedings: Synergistic
action of follicle-stimulating hormone and luteinizing
hormone on oestrogen production by mouse ovaries in
culture. *J Endocrinol* 61:23, Apr 74
ANIMAL EXPERIMENTS/ DRUG SYNERGISM/
*ESTRADIOL, biosynthesis/ FEMALE/ *FSH,
pharmacodynamics/ GRAAFIAN FOLLICLE/
*LH, pharmacodynamics/ MICE/ ORGAN
CULTURE/ *OVARY, drug effects
3921. Ryšánek K, König J, Synek P, et al: Relationship
between substances strengthening of the
thrombocyte cell membrane on the aggregation of
thrombocytes and on the uptake and release of
serotonin.
Acta Univ Carol [Med Monogr] (Praha) 53:91-4, 1972
ADENOSINE DIPHOSPHATE, antagonists &
inhibitors/ ADENOSINE DIPHOSPHATE,
pharmacodynamics/ AMITRIPTYLINE,
pharmacodynamics/ BENZOTHIOPINS,
pharmacodynamics/ *BLOOD PLATELETS,
drug effects/ BLOOD PLATELETS,
metabolism/ CELL MEMBRANE, drug effects/
CELL MEMBRANE PERMEABILITY, drug
effects/ CHLORPROMAZINE,
pharmacodynamics/ COLORIMETRY/
DESIPRAMINE, pharmacodynamics/
EPINEPHRINE, antagonists & inhibitors/
EPINEPHRINE, pharmacodynamics/ HUMAN/
IMIPRAMINE, pharmacodynamics/ IN VITRO/
NORTRIPTYLINE, pharmacodynamics/
PHENTOLAMINE, pharmacodynamics/
PIPERAZINES, pharmacodynamics/
*PLATELET ADHESIVENESS, drug effects/
PROPRANOLOL, pharmacodynamics/
RECEPTORS, ADRENERGIC, drug effects/
SEROTONIN, antagonists & inhibitors/
*SEROTONIN, metabolism/ SPECTROMETRY,
FLUORESCENCE/ TRANQUILIZING AGENTS,
pharmacodynamics
3922. Rząsa J, Niezgoda J, Kahl S: The effect of arginine
vasotocin on blood volume, plasma protein and
electrolyte concentrations in the cockerel, *Gallus
domesticus*. *Br Poult Sci* 15:261-5, May 74
ANIMAL EXPERIMENTS/ ARGININE,
administration & dosage/ ARGININE,
pharmacodynamics/ *BLOOD PROTEINS,
analysis/ *BLOOD VOLUME, drug effects/
*CHICKENS, metabolism/ HEMATOCRIT/
INJECTIONS, INTRAVENOUS/ MALE/
*POTASSIUM, blood/ *SODIUM, blood/
VASOTOCIN, administration & dosage/
*VASOTOCIN, pharmacodynamics
- S
3923. Saad WA, Antunes-Rodrigues J, Gentil CG, et al:
Interaction between hypothalamus, amygdala and
septal area in the control of sodium chloride intake.
Physiol Behav 9:629-36, Oct 72
*AMYGDALOID BODY, physiology/ ANIMAL
EXPERIMENTS/ *DRINKING/ EATING/
*HYPOTHALAMUS, physiology/ MALE/
MODELS, NEUROLOGIC/ NEURAL
INTERCONNECTIONS/ *SEPTUM
PELLUCIDUM, physiology/ *SODIUM
CHLORIDE/ STEREOTAXIC TECHNICS
3924. Saatov T, Turakulov IaKh: Vydelenie i nekotorye
svoistva tireoal'bmina cheloveka.
Biokhimiia 38:851-6, Jul-Aug 73 (Rus)
AGAR/ ALBUMINS, analysis/ AMINO ACIDS,
analysis/ AUTOANALYSIS/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ ELECTROPHORESIS/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ ENGLISH ABSTRACT/ GEL
FILTRATION/ GELS/ GOITER, NODULAR,
metabolism/ HUMAN/
IMMUNOELECTROPHORESIS/ SERUM
ALBUMIN, analysis/ SPECTROMETRY,
FLUORESCENCE/ SPECTROPHOTOMETRY/
*THYROGLOBULIN, analysis/
THYROGLOBULIN, isolation & purification/
THYROID GLAND, metabolism/
ULTRACENTRIFUGATION
3925. Saavedra JM: Enzymatic-isotopic method for
octopamine at the picogram level.
Anal Biochem 59:628-33, Jun 74
ANIMAL EXPERIMENTS/ BRAIN, embryology/
*BRAIN CHEMISTRY/ ETHANOLAMINES,
analysis/ EVALUATION STUDIES/ FEMALE/
HUMAN/ HYPOTHALAMUS, analysis/ MALE/
METHODS/ METHYLATION/
*NORSYNEPHRINE, analysis/
NORSYNEPHRINE, metabolism/
PHENETHANOLAMINE
N-METHYLTRANSFERASE, isolation &
purification/ *PHENETHANOLAMINE
N-METHYLTRANSFERASE, metabolism/
*PINEAL BODY, analysis/ SPECIES
SPECIFICITY/ SPINAL CORD, analysis/
TRITIUM
3926. Saavedra JM: Enzymatic isotopic assay for and
presence of beta-phenylethylamine in brain.
J Neurochem 22:211-6, Feb 74
ADRENAL GLANDS, enzymology/ ANIMAL
EXPERIMENTS/ BRAIN, drug effects/
*BRAIN, metabolism/ *BRAIN CHEMISTRY/
CARBOXY-LYASES, antagonists & inhibitors/
CATTLE/ CHROMATOGRAPHY, THIN
LAYER/ COMPARATIVE STUDY/ CRESOLS,
pharmacodynamics/ EVALUATION STUDIES/
HYDROGEN-ION CONCENTRATION/
HYDROXYLAMINES, pharmacodynamics/
MALE/ METHODS/ METHYLTRANSFERASES/
MICROCHEMISTRY/ PARGYLINE,
pharmacodynamics/ *PHENETHYLAMINES,
metabolism/ PHENYLALANINE,
pharmacodynamics/ PLASTICS/ RATS/
SILICA/ TRITIUM
3927. Saavedra JM, Palkovits M, Brownstein MJ, et al:
Localisation of phenylethanolamine N-methyl
transferase in the rat brain nuclei.
Nature 248:695-6, 19 Apr 74
ANIMAL EXPERIMENTS/ *BRAIN,
enzymology/ BRAIN MAPPING/ CEREBRAL
CORTEX, enzymology/ CEREBRAL
VENTRICLES, enzymology/ HYPOTHALAMUS,
enzymology/ MALE/ *PHENETHANOLAMINE
N-METHYLTRANSFERASE, analysis/ RATS/
SEPTUM PELLUCIDUM, enzymology/
THALAMUS, enzymology
3928. Saba P, Salvadorini F, Tognetti G, et al: Attività
dell'asse diencefalo-ipofiso-surrenalico nella
sindrome di Langdon-Down.
Folia Endocrinol (Roma) 27:224-32, Apr 74 (Ita)
ADULT/ DEXAMETHASONE,
pharmacodynamics/ *DIENCEPHALON,
physiopathology/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ HYDROCORTISONE,
blood/ INSULIN, pharmacodynamics/ MALE/
*MONGOLISM, physiopathology/
PITUITARY-ADRENAL FUNCTION TESTS/
*PITUITARY-ADRENAL SYSTEM
3929. Sabbot I, Costin A: Effect of stress on the uptake of

AUTHOR SECTION

radiolabelled calcium in the pituitary gland and the brain of the rat. *J Neurochem* 22:731-4, May 74
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *BRAIN, metabolism/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ CARBON RADIOISOTOPES/ CEREBELLUM, metabolism/ CEREBRAL CORTEX, metabolism/ COLD/ COMPARATIVE STUDY/ HIPPOCAMPUS, metabolism/ INULIN, metabolism/ MALE/ MEDULLA OBLONGATA, metabolism/ ORGAN SPECIFICITY/ *PITUITARY GLAND, metabolism/ *STRESS, metabolism/ SUPERIOR COLLICULUS, metabolism/ THALAMUS, metabolism/ TIME FACTORS/ TRITIUM/ WATER, metabolism

MALE/ NEOPLASM METASTASIS/ TESTOSTERONE, blood/ *TESTOSTERONE, therapeutic use

3937. Sadoul P, Uffholtz H: Intérêt et limite des corticoïdes en inhalation dans l'asthme. *Thérapeutique* 49:713-6, Dec 73 (Fre)
ADRENAL CORTEX HORMONES, adverse effects/ *ADRENAL CORTEX HORMONES, therapeutic use/ AEROSOLS, administration & dosage/ *ASTHMA, drug therapy/ HUMAN/ *INHALATION THERAPY

3938. Saeki K, Endo K, Tasaka K, et al: Anti-inflammatory polysaccharide produced by *Serratia piscatorum*. *Jap J Pharmacol* 24:109-18, Feb 74

ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, isolation & purification/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTI-INFLAMMATORY AGENTS, toxicity/ BLOOD PRESSURE, drug effects/ COMPARATIVE STUDY/ EDEMA, drug therapy/ GRANULOMA, drug therapy/ HYDROCORTISONE, therapeutic use/ INDICATORS AND REAGENTS/ INDOMETHACIN, therapeutic use/ KININS, blood/ LETHAL DOSE 50/ MALE/ *POLYSACCHARIDES, BACTERIAL, isolation & purification/ POLYSACCHARIDES, BACTERIAL, pharmacodynamics/ POLYSACCHARIDES, BACTERIAL, therapeutic use/ POLYSACCHARIDES, BACTERIAL, toxicity/ PYROGENS/ RESPIRATION, drug effects/ *SERRATIA, analysis/ SPECTROPHOTOMETRY, ULTRAVIOLET

3939. el-Safoury S, Bartke A: Effects of follicle stimulating hormone and luteinizing hormone on plasma testosterone levels in hypophysectomized and in intact immature and adult male rats. *N Engl J Med* 291:193-8, 11 Jun 74

AGE FACTORS/ ANIMAL EXPERIMENTS/ DRUG SYNERGISM/ FSH, administration & dosage/ *FSH, pharmacodynamics/ HYPOPHYSECTOMY/ LH, administration & dosage/ *LH, pharmacodynamics/ MALE/ *PITUITARY GLAND, physiology/ RADIOIMMUNOASSAY/ SEMINAL VESICLES, drug effects/ STIMULATION, CHEMICAL/ TESTIS, drug effects/ *TESTOSTERONE, blood

3940. Sagisaka K, Tokiwa K: MN blood grouping of human organs by means of the elution method in combination with antiglobulin test. *Tohoku J Exp Med* 111:305-6, Nov 73

***BLOOD GROUPS/ BRAIN, immunology/ COOMBS' TEST/ HEART, immunology/ HUMAN/ *ISOANTIGENS, analysis/ KIDNEY, immunology/ LIVER, immunology/ LUNG, immunology/ METHODS/ MUSCLES, immunology/ SPLEEN, immunology/ THYROID GLAND, immunology**

3941. Said AH: Experimental *Escherichia coli* mastitis in cattle, its pathogenesis and treatment. *Tijdschr Diergeneeskd* 98:387-96, 15 Apr 73

ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ DEXAMETHASONE, therapeutic use/ DIPHENHYDRAMINE, therapeutic use/ DNA, analysis/ DRUG COMBINATIONS/ ENDOTOXINS, pharmacodynamics/ *ESCHERICHIA COLI, isolation & purification/ *ESCHERICHIA COLI INFECTIONS, veterinary/ FEMALE/ HISTAMINE, analysis/ HISTAMINE LIBERATION/ ISONIAZID, therapeutic use/ MASTITIS, BOVINE, drug therapy/ *MASTITIS, BOVINE, microbiology/ MILK, analysis/ PREDNISOLONE, therapeutic use/ SPECTROPHOTOMETRY/ STREPTOMYCIN, therapeutic use

3942. Said SI, Yoshida T: Release of prostaglandins and other humoral mediators during hypoxic breathing and pulmonary edema. *Chest* 66:Suppl:12S-13S, Jul 74
ACETYLCHOLINE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ *ANOXIA,

3930. Sacca L, Perez G, Rengo F, et al: Effects of different prostaglandins on glucose kinetics in the rat. *Diabetes* 23:532-5, Jun 74

ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ COMPARATIVE STUDY/ GLUCOSE, administration & dosage/ *GLUCOSE, metabolism/ INJECTIONS, INTRAVENOUS/ LIVER, metabolism/ MALE/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ TIME FACTORS/ TRITIUM

3931. Sacchetti C: Diagnostica e clinica della ipertensione arteriosa.

Arch E Maragliano Patol Clin 29:73-83, Jan 73 (Ita)
ADRENAL GLAND NEOPLASMS, complications/ CORONARY DISEASE, complications/ CUSHING'S SYNDROME, complications/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTENSION, diagnosis/ HYPERTENSION, etiology/ HYPERTHYROIDISM, complications/ PHEOCHROMOCYTOMA, complications

3932. Sachdev YR, Subramanian AR, Roy M: Dermatomyositis. *Indian J Pediatr* 40:439-41, Dec 73

CASE REPORT/ *DERMATOMYOSITIS, drug therapy/ FEMALE/ HUMAN/ *METHANDROSTENOLONE, therapeutic use/ *PREDNISOLONE, therapeutic use

3933. Sachdeva HS, Wig JD, Kanta C, et al: High-speed pneumatic drill for biopsy of thyroid lesions. *Arch Surg* 108:744-5, May 74

ADULT/ *BIOPSY, instrumentation/ BIOPSY, NEEDLE/ COMPARATIVE STUDY/ FEMALE/ GOITER, pathology/ HUMAN/ HYPERTHYROIDISM, pathology/ MALE/ MIDDLE AGE/ *THYROID DISEASES, pathology/ THYROID NEOPLASMS, pathology

3934. Sachdeva HS, Wig JD, Dutta BN: "Evaluation of high speed pneumatic drill biopsy in diagnosis of tumours". *Indian J Cancer* 10:447-52, Dec 73

***BIOPSY/ BIOPSY, instrumentation/ *BREAST NEOPLASMS, diagnosis/ FEMALE/ HUMAN/ LYMPHATIC METASTASIS/ MALE/ METHODS/ SALIVARY GLAND NEOPLASMS, diagnosis/ *THYROID NEOPLASMS, diagnosis**

3935. Sachdeva HS, Wig JD, Bose SM, et al: The solitary thyroid nodule. *Br J Surg* 61:368-70, May 74

ADOLESCENCE/ ADULT/ AGE FACTORS/ BIOPSY, NEEDLE/ CHILD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS/ THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS/ *THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, physiopathology/ THYROID NEOPLASMS, surgery

3936. Sadoff L, Grossman J: Letter: Possible inhibitory effect of androgens on bone marrow suppression by cytotoxic agents—a dose-dependent phenomenon? *Cancer Chemother Rep* 58:125-7, Mar-Apr 74

ADULT/ *ANDROGENS, pharmacodynamics/ *ANTINEOPLASTIC AGENTS, antagonists & inhibitors/ ANINEOPLASTIC AGENTS, therapeutic use/ *BONE MARROW, drug effects/ CASE REPORT/ CHORIOCARCINOMA, drug therapy/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTROGENS, blood/ HUMAN/ LUNG NEOPLASMS, drug therapy/

AUTHOR SECTION

- metabolism/ ASPIRIN, pharmacodynamics/
CATECHOLAMINES, antagonists & inhibitors/
COLON/ DEXTRAN/ GALLBLADDER/
HISTAMINE, antagonists & inhibitors/ LUNG,
drug effects/ MUSCLE, SMOOTH, metabolism/
PERFUSION/ PHLORETIN, pharmacodynamics/
*PROSTAGLANDINS, metabolism/
*PULMONARY EDEMA, metabolism/
SEROTONIN, antagonists & inhibitors/
STOMACH/ TRACHEA
3943. Saidapur SK, Nadkarni VB: Steroid-synthesizing cellular sites in amphibian ovary. A histochemical study. *Gen Comp Endocrinol* 22:459-62, Apr 74
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, enzymology/ FEMALE/ *FROGS, anatomy & histology/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/
HISTOCYTOCHEMISTRY/ HYDROXYSTEROID DEHYDROGENASES, metabolism/ LIPOAMIDE DEHYDROGENASE, metabolism/ NAD/ NADP/ *OVARY, cytology/ OVARY, enzymology/ OVARY, growth & development/ OVULATION/ RANA/ TIME FACTORS
3944. Saiduddin S, Milo GE Jr: Effect of hypophysectomy and pretreatment on uptake and retention of estradiol by the ovary. *Proc Soc Exp Biol Med* 146:513-7, Jun 74
ANIMAL EXPERIMENTS/ *ESTRADIOL, metabolism/ ESTRADIOL, pharmacodynamics/ FEMALE/ *HYPOPHYSECTOMY/ *OVARY, metabolism/ RECEPTORS, HORMONE/ TIME FACTORS/ TRITIUM/ UTERUS, metabolism
3945. St. Clair RW, Toma JJ Jr, Lofland HB: Chemical composition of atherosclerotic lesions of aortas from pigeons with naturally occurring or cholesterol-aggravated atherosclerosis. *Proc Soc Exp Biol Med* 146:1-7, May 74
ANIMAL EXPERIMENTS/ *AORTA, metabolism/ *AORTIC DISEASES, metabolism/ ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, metabolism/ CALCIUM, metabolism/ CHOLESTEROL, metabolism/ CHOLESTEROL, DIETARY/ DIET, ATHEROGENIC/ ESTERS/ FATTY ACIDS, NONESTERIFIED, metabolism/ FATTY STREAK, ARTERIAL, metabolism/ *LIPIDS, metabolism/ ORGAN WEIGHT/ PHOSPHOLIPIDS, metabolism/ PIGEONS/ TRIGLYCERIDES, metabolism
3946. St. Laurent J, Leclerc RR, Mitchell ML, et al: Effects of apomorphine on self-stimulation. *Pharmacol Biochem Behav* 1:581-5, Sep-Oct 73
ANIMAL EXPERIMENTS/ *APOMORPHINE, pharmacodynamics/ HYPOTHALAMUS, drug effects/ MALE/ *METHYLTYROSINES, antagonists & inhibitors/ RATS/ *SELF STIMULATION/ STEREOTYPED BEHAVIOR, drug effects/ TIME FACTORS
3947. Sainte-Marie G, Peng FS: Distribution of transferred mature thymocytes of the rat. *Rev Can Biol* 33:61-5, Mar 74
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CELL COUNT/ COMPARATIVE STUDY/ CORTICOSTERONE, pharmacodynamics/ CYTIDINE, pharmacodynamics/ FILTRATION/ ISOTOPE LABELING/ PEYER'S PATCHES, cytology/ THYMIDINE, pharmacodynamics/ THYMUS GLAND, cytology/ THYMUS GLAND, drug effects/ *THYMUS GLAND, physiology/ TIME FACTORS/ TRITIUM
3948. Saito N, Mukaino S, Ogino K: Proceedings: Renin and lysosomal enzyme activities in the kidney of spontaneously hypertensive rats. *Jap Heart J* 15:197-200, Mar 74
ANIMAL EXPERIMENTS/ CATHEPSIN, metabolism/ DEOXYRIBONUCLEASE, metabolism/ FEMALE/ GLUCURONIDASE, metabolism/ GLYCEROPHOSPHATES/ *HYPERTENSION, enzymology/ *KIDNEY, enzymology/ *LYSOSOMES, enzymology/ MALE/ PHOSPHATASES, metabolism/ RENIN, metabolism/ RIBONUCLEASE, metabolism
3949. Sakai H: Zur Anatomie des vierten Bündels der Fornixsäule. *J Hirnforsch* 14:501-18, 1973 (Ger)
ANIMAL EXPERIMENTS/ DIENCEPHALON, anatomy & histology/ *HIPPOCAMPUS, anatomy & histology/ HYPOTHALAMUS, anatomy & histology/ *MAMMARY BODIES, anatomy & histology/ SUBSTANTIA NIGRA, anatomy & histology/ THALAMUS, anatomy & histology
3950. Sakai T, Thompson WJ, Lavis VR, et al: Cyclic nucleotide phosphodiesterase activities from isolated fat cells: correlation of subcellular distribution with effects of nucleotides and insulin. *Arch Biochem Biophys* 162:331-9, Jun 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ COMPARATIVE STUDY/ ENZYME ACTIVATION/ EPIDIDYMIS/ GEL FILTRATION/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *INSULIN, pharmacodynamics/ KINETICS/ MALE/ PHOSPHODIESTERASES, antagonists & inhibitors/ *PHOSPHODIESTERASES, metabolism/ SNAKES/ SUBCELLULAR FRACTIONS, drug effects/ SUBCELLULAR FRACTIONS, enzymology/ TRITIUM/ ULTRACENTRIFUGATION/ VENOMS
3951. Sakaki H, Teraki Y, Tsunoo S: Proceedings: Effect of prostaglandins on the sphincter of Oddi and the duodenal muscle of rabbits. *Jap J Pharmacol* 24:Suppl:30, 1974
ANIMAL EXPERIMENTS/ *DUODENUM, drug effects/ MALE/ MUSCLE, SMOOTH, drug effects/ *PROSTAGLANDINS, pharmacodynamics/ STIMULATION, CHEMICAL/ *VATER'S AMPULLA, drug effects
3952. Sakamoto S, Mizuguchi K, Mori H: [Endocrine diseases in pregnancy] *Clin Endocrinol (Tokyo)* 22:142-5, Jan 74 (Jap)
ADRENAL GLAND HYPOFUNCTION, therapy/ *ENDOCRINE DISEASES, therapy/ FEMALE/ HUMAN/ HYPERTHYROIDISM, therapy/ PITUITARY NEOPLASMS, therapy/ PREGNANCY/ *PREGNANCY COMPLICATIONS, therapy/ PREGNANCY IN DIABETES, therapy
3953. Sakellaris PC: Olfactory thresholds in normal and adrenalectomized rats. *Physiol Behav* 9:495-500, Oct 72
*ADRENAL GLANDS, physiology/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CONDITIONING, OPERANT, drug effects/ CORTICOSTERONE, pharmacodynamics/ *DIFFERENTIAL THRESHOLD, drug effects/ DRINKING BEHAVIOR/ MALE/ ODORS/ PYRIDINES/ REINFORCEMENT SCHEDULE/ *SMELL/ WATER DEPRIVATION
3954. Sakellaris PC, Vernikos-Danellis J: Alteration of pituitary-adrenal dynamics induced by a water deprivation regimen. *Physiol Behav* 12:1067-70, Jun 74
ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ *CORTICOSTERONE, secretion/ MALE/ *PITUITARY-ADRENAL SYSTEM/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ TIME FACTORS/ *WATER DEPRIVATION
3955. Sakharov MI, Elokina IV: Sluchaĭ vnenadpochechnikovoi feokhromotitomiy. *Probl Endokrinol (Mosk)* 20:50-1, Mar-Apr 74 (Rus)
*ADRENAL GLAND NEOPLASMS, diagnosis/ ADRENAL GLAND NEOPLASMS, surgery/ CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *PHEOCHROMOCYTOMA, diagnosis/ PHEOCHROMOCYTOMA, surgery
3956. Sakoda M, Mori H, Tateiwa M, et al: [On the pituitary TSH response to different dosage of thyrotropin-releasing factor (TRF) (author's transl)] *J Jap Soc Intern Med* 62:1520-8, Nov 73 (Jap)

AUTHOR SECTION

- ADENOMA, CHROMOPHOBE, physiopathology/
ADULT/ AGED/ COMPARATIVE STUDY/
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/
*PITUITARY GLAND, secretion/ PITUITARY
NEOPLASMS, physiopathology/
*THYROTROPIN, secretion/ *THYROTROPIN
RELEASING HORMONE, administration &
dosage/ THYROTROPIN RELEASING
HORMONE, pharmacodynamics
3957. Saksena SK, Lau IF, Bartke A: Prostaglandins A1 and
A2 decrease testosterone levels in mice and rats.
Endocrinology 95:311-4, Jul 74
ANIMAL EXPERIMENTS/ FEMALE/ LH,
blood/ MALE/ ORGAN WEIGHT/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics/
TESTIS, drug effects/ *TESTOSTERONE,
blood
3958. Sakurada N: [Neonatal golter]
Cln Endocrinol (Tokyo) 22:74-5, Jan 74 (Jap)
CRETINISM, therapy/ *GOITER, therapy/
HUMAN/ INFANT, NEWBORN/ *INFANT,
NEWBORN, DISEASES, therapy
3959. Sakurada T, Yamaguchi T, Yoshida K, et al: Iodide
therapy of triiodothyronine-thyrototoxicosis.
Tohoku J Exp Med 111:219-27, Nov 73
FEMALE/ HUMAN/ HYPERTHYROIDISM,
blood/ *HYPERTHYROIDISM, drug therapy/
IODINE, administration & dosage/ *IODINE,
therapeutic use/ MIDDLE AGE/
RADIOIMMUNOASSAY/ THYROID GLAND
FUNCTION TESTS/ THYROXINE, blood/
*TRIIODOTHYRONINE, blood
3960. Sakurada T, Yamaguchi T, Yoshida K, et al: Kinetics of
thyroxine and triiodothyronine in a case of
thyroxine-binding globulin deficiency with
hypothyroidism. Tohoku J Exp Med 112:133-40, Feb 74
BLOOD PROTEIN DISORDERS, complications/
*BLOOD PROTEIN DISORDERS, metabolism/
HALF-LIFE/ HUMAN/ HYPOTHYROIDISM,
complications/ *HYPOTHYROIDISM,
metabolism/ IODINE RADIOISOTOPES/
KINETICS/ MALE/ SERUM ALBUMIN,
metabolism/ *SERUM GLOBULINS,
metabolism/ THYROID GLAND FUNCTION
TESTS/ THYROTROPIN, blood/ THYROXINE,
blood/ *THYROXINE, metabolism/
*THYROXINE-BINDING PROTEIN, metabolism/
TRIIODOTHYRONINE, blood/
*TRIIODOTHYRONINE, metabolism
3961. Sakurada T, Yamaguchi T, Yamamoto M, et al: Effect
of estrogen on serum total and free thyroxine and
triiodothyronine in a thyroxine-binding globulin
deficient family. Tohoku J Exp Med 112:35-46, Jan 74
*BLOOD PROTEIN DISORDERS, blood/
ELECTROPHORESIS, PAPER/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ *ESTROGENS, pharmacodynamics/
HUMAN/ MALE/ RADIOIMMUNOASSAY/
*SERUM GLOBULINS/ THYROXINE, blood/
*THYROXINE-BINDING PROTEIN/
TRIIODOTHYRONINE, blood
3962. Sakurai M, Sandberg AA: Chromosomes and causation
of human cancer and leukemia. IX. Prognostic and
therapeutic value of chromosomal findings in acute
myeloblastic leukemia. Cancer 33:1548-57, Jun 74
AGE FACTORS/ *ANTINEOPLASTIC AGENTS,
therapeutic use/ BONE MARROW CELLS/
CARMUSTINE, therapeutic use/
*CHROMOSOME ABERRATIONS/
CYTARABINE, therapeutic use/
DAUNOMYCIN, therapeutic use/ DRUG
THERAPY, COMBINATION/
ERYTHROLEUKEMIA, complications/
FEMALE/ HUMAN/ LEUKEMIA,
MYELOBLASTIC, drug therapy/ *LEUKEMIA,
MYELOBLASTIC, familial & genetic/
LEUKEMIA, MYELOBLASTIC, mortality/
MALE/ MITOSIS/ NITROSOUREA
COMPOUNDS, therapeutic use/ PREDNISONE,
therapeutic use/ PROGNOSIS/ THIOPURINE,
therapeutic use/ TIME FACTORS/
VINCRISTINE, therapeutic use
3963. Sakurami T, Kurihara J, Nanba H, et al: [Hashimoto's
disease] Jap J Clin Med 31:3461-7, Dec 73 (Jap)
CYTOTOXICITY TESTS, IMMUNOLOGIC/
HUMAN/ LYMPHOCYTES, immunology/
THYROID GLAND, immunology/
THYROIDITIS, LYMPHOMATOUS, etiology/
*THYROIDITIS, LYMPHOMATOUS,
immunology
3964. Salazar H, Kanbour AI: Amnion nodosum:
ultrastructure and histopathogenesis.
Arch Pathol 98:39-46, Jul 74
*AMNION, pathology/ AUTOPSY/ BASEMENT
MEMBRANE/ CELL NUCLEUS/ COLLAGEN/
CYTOPLASM/ CYTOPLASMIC GRANULES/
EPITHELIUM/ FEMALE/
HISTOCYTOCHEMISTRY/ HUMAN/ INFANT,
NEWBORN/ LIPIDS, analysis/ MALE/
MICROSCOPY, ELECTRON/ ORGANOIDIS/
PLACENTA DISORDERS, pathology/
PREGNANCY
3965. Salganik RI, Mertvetsov NF, Gordienko OE, et al:
Impairment of induction of glycolytic enzymes and
development of insulin resistance in rats as a result of
continuous insulin treatment.
Acta Endocrinol (Kbh) 76:319-31, Jun 74
ANIMAL EXPERIMENTS/ BLOOD SUGAR,
metabolism/ CARBON RADIOISOTOPES/
CYTOPLASM, drug effects/ ENZYME
INDUCTION, drug effects/ GLUCOSE
TOLERANCE TEST/ *HEXOKINASE,
metabolism/ HYDROCORTISONE,
pharmacodynamics/ INSULIN, administration &
dosage/ *INSULIN, blood/ *INSULIN,
PROTAMINE ZINC, pharmacodynamics/
*INSULIN RESISTANCE, drug effects/
IODINE RADIOISOTOPES/ LIVER, cytology/
*LIVER, drug effects/ LIVER, metabolism/
MALE/ MICROSCOPY, ELECTRON/
*PYRUVATE KINASE, metabolism/
RADIOIMMUNOASSAY/ RATS/ RIBOSOMES,
drug effects/ *RNA, biosynthesis/ RNA,
MESSENGER, biosynthesis/ RNA, RIBOSOMAL,
biosynthesis/ TIME FACTORS
3966. Salmon TN, Robertson GR Jr, Tracy NH Jr, et al: Oral
psoriasis. Oral Surg 32:48-54, Jul 74
DIAGNOSIS, DIFFERENTIAL/ FEMALE/
HUMAN/ LIDOCAINE, therapeutic use/
*MOUTH DISEASES/ MOUTH DISEASES, drug
therapy/ MOUTH DISEASES, pathology/
MOUTH MUCOSA, pathology/ *PSORIASIS/
PSORIASIS, diagnosis/ PSORIASIS, drug
therapy/ PSORIASIS, pathology/
TRIAMCINOLONE ACETONIDE, therapeutic
use
3967. Salomon MI: Letter: Vasomotor-like paroxysms.
JAMA 229:139, 8 Jul 74
CYPROHEPTADINE, therapeutic use/
DIAGNOSIS, DIFFERENTIAL/ HUMAN/
HYPERTENSION, complications/ MALE/
MALIGNANT CARCINOID SYNDROME,
diagnosis/ PHEOCHROMOCYTOMA, diagnosis/
*TACHYCARDIA, PAROXYSMAL, diagnosis/
TACHYCARDIA, PAROXYSMAL,
drug therapy/ *VASOMOTOR SYSTEM,
physiopathology
3968. Salomon Y, Londo C, Rodbell M: A highly sensitive
adenylate cyclase assay.
Anal Biochem 58:541-8, Apr 74
ADENYL CYCLASE, analysis/ *ADENYL
CYCLASE, metabolism/ ALUMINUM/ ANIMAL
EXPERIMENTS/ CELL MEMBRANE,
enzymology/ CHROMATOGRAPHY/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ EVALUATION
STUDIES/ GLUCAGON, pharmacodynamics/
KINETICS/ LIVER, cytology/ LIVER,
enzymology/ METHODS/ MICROCHEMISTRY/
PHOSPHORUS RADIOISOTOPES/ RATS/ TIME
FACTORS
3969. Saltiel H: "L'obésité-maladie": un faux concept.
Sem Hop Paris 49:3377-81, 8 Dec 73 (Fre)
DIET THERAPY/ ENGLISH ABSTRACT/
HUMAN/ HYDROCORTISONE, metabolism/
HYPERINSULINISM, etiology/

AUTHOR SECTION

- HYPOPITUITARISM, complications/
HYPOTHALAMUS, physiopathology/
HYPOTHYROIDISM, complications/ OBESITY,
classification/ OBESITY, complications/
*OBESITY, diagnosis/ OBESITY, etiology/
OBESITY, familial & genetic/ OBESITY,
physiopathology/ OBESITY, therapy/
PSYCHOTHERAPY/ SOMATOTROPIN,
metabolism/ WATER-ELECTROLYTE
BALANCE
3970. Salvadorini F, Saba P, Galeone F, et al: Attività
gonadotropica antelipofisaria in soggetti affetti da
mongolismo (sindrome di Langdon-Down). Nota
preliminare.
Acta Neurol (Napoli) 29:73-6, Jan-Feb 74 (Ita)
ADOLESCENCE/ ADULT/ ENGLISH
ABSTRACT/ *GONADOTROPINS, PITUITARY,
metabolism/ HUMAN/ *MONGOLISM,
metabolism/ *PITUITARY GLAND, metabolism
3971. Salvato JA, Cohn RW, Melnykovich G: Binding of
wheat germ agglutinin by HeLa cells: effects of
prednisolone.
Proc Soc Exp Biol Med 145:1348-52, Apr 74
*AGGLUTINATION, drug effects/ BINDING
SITES, drug effects/ FEMALE/
GLUCOSAMINE, pharmacodynamics/ *HELA
CELLS, metabolism/ HEMAGGLUTINATION/
HUMAN/ METHODS/ *PLANT AGGLUTININS/
PLATELET ADHESIVENESS/
*PREDNISOLONE, pharmacodynamics/
RABBITS
3972. Salyer DC, Salyer WR: Letter: Sick cell disease and
the kidney: a hypothesis.
Arch Intern Med 134:181, Jul 74
*ANEMIA, SICKLE CELL, etiology/ HUMAN/
*KIDNEY, metabolism/ *PROSTAGLANDINS,
biosynthesis/ PROSTAGLANDINS,
pharmacodynamics
3973. Samaan NA, Leavens ME, Jesse RH Jr: Serum growth
hormone and prolactin response to
thyrotropin-releasing hormone in patients with
acromegaly before and after surgery.
J Clin Endocrinol Metab 38:957-63, Jun 74
*ACROMEGALY, blood/ ACROMEGALY,
surgery/ ADULT/ ARGININE, diagnostic use/
COMPARATIVE STUDY/ FEMALE/ GLUCOSE
TOLERANCE TEST/ HUMAN/
HYDROCORTISONE, blood/
HYPOPHYSECTOMY/ INSULIN,
diagnostic use/ MALE/ MIDDLE AGE/
*PROLACTIN, blood/ *SOMATOTROPIN,
blood/ THYROTROPIN, blood/
*THYROTROPIN RELEASING HORMONE,
pharmacodynamics/ THYROXINE, blood/
TRIIODOTHYRONINE, blood
3974. Samarina AG, Furman OA: Plodermity kak oslozhenie
kortikosteroidnoy terapii.
Vestn Dermatol Venerol 47:35-40, Dec 73 (Rus)
ADOLESCENCE/ *ADRENAL CORTEX
HORMONES, adverse effects/ ADULT/ AGED/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
MALE/ MIDDLE AGE/ *PYODERMA,
chemically induced/ PYODERMA,
microbiology/ SKIN DISEASES, complications/
SKIN DISEASES, drug therapy/
STAPHYLOCOCCAL INFECTIONS,
microbiology
3975. Samoilov KA: Anabolicheskie gormony v kompleksnoy
terapii travmatologicheskikh bol'nykh pozhilogo i
starcheskogo vozrasta.
Ortop Travmatol Protez 34:27-31, 1974 (Rus)
AGE FACTORS/ *ANABOLIC STEROIDS,
therapeutic use/ BONE AND BONES, injuries/
*BONE AND BONES, surgery/ ENGLISH
ABSTRACT/ HUMAN/ HYPOPROTEINEMIA,
prevention & control/ LIPIDS, blood/
*POSTOPERATIVE CARE/ *POSTOPERATIVE
COMPLICATIONS, prevention & control/
WOUNDS AND INJURIES, blood/ *WOUNDS
AND INJURIES, surgery
3976. Sampliner RE, Iber FL: High protein ascites in patients
with uncomplicated hepatic cirrhosis.
Am J Med Sci 267:275-9, May 74
- ASCITES/ *ASCITIC FLUID, metabolism/
ASPARTATE AMINOTRANSFERASE, blood/
AUTOPSY/ BILIRUBIN, blood/ BLOOD
PROTEINS, metabolism/ HUMAN/ LIVER
CIRRHOSIS, blood/ LIVER CIRRHOSIS,
enzymology/ *LIVER CIRRHOSIS, metabolism/
LIVER CIRRHOSIS, pathology/ MYXEDEMA,
metabolism/ NEOPLASMS, metabolism/
PANCREATIC DISEASES, metabolism/
PERITONEOSCOPY/ PERITONITIS,
metabolism/ *PROTEINS, metabolism/
TUBERCULOSIS, metabolism
3977. Samter M: Bronchial asthma: new definition for an old
disease. Clin Pediatr (Phila) 13:406-8, May 74
ADRENAL CORTEX HORMONES, therapeutic
use/ ANIMAL EXPERIMENTS/ ASTHMA, drug
therapy/ *ASTHMA, etiology/ ASTHMA,
immunology/ BRONCHI, pathology/
COMPARATIVE STUDY/ EPHEDRINE,
therapeutic use/ FOLKLORE/ GUINEA PIGS/
HUMAN/ KHELLIN, therapeutic use/
MUCOUS MEMBRANE, pathology/
NOMENCLATURE/ POTASSIUM IODIDE,
therapeutic use/ RECEPTORS, ADRENERGIC
3978. Samuel AY, Shead GV: Letter: The solitary thyroid
nodule. Br Med J 2:227-8, 27 Apr 74
ADENOMA, occurrence/ CARCINOMA,
occurrence/ FEMALE/ GOITER, occurrence/
HUMAN/ INDIA/ IODINE ISOTOPES,
DIAGNOSTIC/ MALE/ SEX FACTORS/
*THYROID NEOPLASMS, occurrence/
THYROIDECTOMY
3979. Samuels HH, Tsai JS, Casanova J: Thyroid hormone
action: in vitro demonstration of putative receptors in
isolated nuclei and soluble nuclear extracts.
Science 184:1188-91, 14 Jun 74
ANIMAL EXPERIMENTS/ BINDING SITES,
drug effects/ CELL FRACTIONATION/ CELL
LINE/ *CELL NUCLEUS, metabolism/ IN
VITRO/ IODINE RADIOISOTOPES/ KIDNEY/
LIVER/ PITUITARY NEOPLASMS/ RATS/
RATS, INBRED WF/ *RECEPTORS,
HORMONE, drug effects/
*TRIIODOTHYRONINE, metabolism
3980. Sanchez-Franco F, García MD, Cacicado L, et al:
Transient lack of thyrotropin (TSH) response to
thyrotropin-releasing hormone (TRH) in treated
hyperthyroid patients with normal or low serum
thyroxine (T4) and triiodothyronine (T3).
J Clin Endocrinol Metab 38:1098-102, Jun 74
ADULT/ FEMALE/ GOITER, NODULAR,
blood/ HUMAN/ *HYPERTHYROIDISM, blood/
MALE/ MIDDLE AGE/ RADIOIMMUNOASSAY/
*THYROTROPIN, blood/ *THYROTROPIN
RELEASING HORMONE, pharmacodynamics/
THYROXINE, blood/ TIME FACTORS/
TRIIODOTHYRONINE, blood
3981. Sandbank U, Bornstein B, Najenson T: Acidophilic
adenoma of the pituitary with polyneuropathy.
J Neurol Neurosurg Psychiatry 37:324-9, Mar 74
*ACROMEGALY, etiology/ *ADENOMA,
EOSINOPHILIC, complications/ AGED/
DEMYELINATION/ ELECTRIC STIMULATION/
EVOKED POTENTIALS/ HUMAN/ MALE/
MICROSCOPY, ELECTRON/ MUSCLES,
physiopathology/ MYELIN SHEATH/
*PERIPHERAL NERVE DISEASES, etiology/
PERIPHERAL NERVE DISEASES, pathology/
PERIPHERAL NERVE DISEASES,
physiopathology/ PERIPHERAL NERVES,
pathology/ PERIPHERAL NERVES,
physiopathology/ *PITUITARY NEOPLASMS,
complications
3982. Sande HA: Ultralyd-diagnostikk i gynekologi.
Tidsskr Nor Laegeforen 94:571-3, 30 Mar 74 (Nor)
FEMALE/ HUMAN/ *LEIOMYOMA, diagnosis/
OVARIAN CYSTS, diagnosis/ *ULTRASONICS,
diagnostic use/ *UTERINE NEOPLASMS,
diagnosis
3983. Sanders TG, Ayles GB: Genetic organization and
regulation of the Drosophila Y chromosome.
Cold Spring Harbor Symp Quant Biol 38:685-91, 1973
ANIMAL EXPERIMENTS/ CHROMOSOME

AUTHOR SECTION

MAPPING/ CHROMOSOMES, drug effects/
*DROSOPHILA MELANOGASTER, cytology/
GENES/ GENETIC COMPLEMENTATION
TEST/ MALE/ METHANESULFONATES,
pharmacodynamics/ MUTATION/ *SEX
CHROMOSOMES/ SPERMATOOA, cytology/
STERILITY, MALE/ TEMPERATURE/ TIME
FACTORS

3984. Sankale M, Sow AM, Ruscher H, et al: Un cas d'hyperthyroïdisme avec insuffisance surrénalienne et anémie hémolytique. Effets favorables de la corticothérapie.

Sem Hop Paris 50:159-63, 8 Jan 74 (Fre)

ADRENAL CORTEX HORMONES, therapeutic use/ *ADRENAL GLAND HYPOFUNCTION, complications/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ ADRENAL GLAND HYPOFUNCTION, drug therapy/ ADRENAL GLAND HYPOFUNCTION, etiology/ ADULT/ *ANEMIA, HEMOLYTIC, complications/ ANEMIA, HEMOLYTIC, diagnosis/ ANEMIA, HEMOLYTIC, drug therapy/ ANEMIA, HEMOLYTIC, etiology/ AUTOIMMUNE DISEASES, complications/ CASE REPORT/ FEMALE/ GOITER, etiology/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ HYDROXYSTERIODS, urine/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, diagnosis/ HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, etiology/ HYPOGLYCEMIA, etiology/ JAUNDICE, etiology/ PIGMENTATION DISORDERS, etiology

3985. Sankaranarayanan K: Recent advances in the assessment of genetic hazards of ionizing radiation. At Energy Rev 12:47-74, 1974 (57 ref.)

ANIMAL EXPERIMENTS/ ATOMIC ENERGY/ BACKGROUND RADIATION/ CELL SURVIVAL, radiation effects/ *CHROMOSOME ABERRATIONS/ FEMALE/ GENES, DOMINANT/ GENES, LETHAL/ GENES, RECESSIVE/ HUMAN/ MALE/ MICE/ *MUTATION/ OVUM, radiation effects/ PROBABILITY/ *RADIATION GENETICS/ RADIOGRAPHY, adverse effects/ REVIEW/ SELECTION (GENETICS)/ SEX CHROMOSOMES/ SPERMATOOA, radiation effects

3986. Sanwal PC, Sundby A, Edqvist LE: Diurnal variation of peripheral plasma levels of testosterone in bulls measured by a rapid radioimmunoassay procedure. Acta Vet Scand 15:90-9, 1974

ANDROGENS/ ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIBODY SPECIFICITY/ CATTLE/ *CIRCADIAN RHYTHM/ CROSS REACTIONS/ ESTROGENS/ IMMUNE SERUMS/ MALE/ PREGNENES/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ *TESTOSTERONE, blood/ TIME FACTORS/ TRITIUM

3987. Sarkar GC, Mukherjee G: In vitro effects of oestradiol and progesterone on the nucleic acid biosyntheses of the human full term placenta. Acta Endocrinol (Kbh) 75:379-84, Feb 74

DACTINOMYCIN, pharmacodynamics/ *DNA, biosynthesis/ DRUG SYNERGISM/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ IN VITRO/ PHOSPHORIC ACIDS, metabolism/ PHOSPHORUS RADIOISOTOPES/ PLACENTA, drug effects/ *PLACENTA, metabolism/ PREGNANCY/ *PROGESTERONE, pharmacodynamics/ *RNA, biosynthesis/ STIMULATION, CHEMICAL/ TIME FACTORS

3988. Sarkar PK, Moscona AA: Binding of receptor-hydrocortisone complexes to isolated nuclei from embryonic neural retina cells. Biochem Biophys Res Commun 57:980-6, 23 Apr 74

ANIMAL EXPERIMENTS/ BINDING SITES/ BRAIN, cytology/ BRAIN, metabolism/ *CELL NUCLEUS, metabolism/ CHICK EMBRYO/ CYTOSOL, metabolism/ DEOXYRIBONUCLEASE/ DRUG STABILITY/ ESTRADIOL, metabolism/ GLUTAMINE SYNTHETASE, biosynthesis/

HYDROCORTISONE, blood/
*HYDROCORTISONE, metabolism/
HYDROCORTISONE, pharmacodynamics/
KINETICS/ MICE/ PROTEIN BINDING/
*RECEPTORS, HORMONE/ RETINA, cytology/
*RETINA, metabolism/ RIBONUCLEASE/
TEMPERATURE/ TIME FACTORS/ TRITIUM

3989. Sarles H, Sahel J: Pancréatite chronique calcifiante, alcool et pancréas. Nouv Presse Med 3:817-20, 30 Mar 74 (Fre)

ACETYLCHOLINE, adverse effects/ ACUTE DISEASE/ *ALCOHOLISM, complications/ ANTIGEN-ANTIBODY REACTIONS/ CHOLECYSTOKININ, adverse effects/ CHRONIC DISEASE/ CORTISONE, adverse effects/ DRUG INTERACTIONS/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, etiology/ MALE/ *NUTRITION DISORDERS, complications/ PANCREAS, pathology/ PANCREATITIS, chemically induced/ PANCREATITIS, diagnosis/ *PANCREATITIS, etiology/ PANCREATITIS, familial & genetic/ PANCREOZYMIN, adverse effects/ RADIOISOTOPE SCANNING

3990. Sarraz R, Gomez-Perun J: Veränderungen der Hippocampusformation nach Hormoneinfluss. Verh Anat Ges 67:325-30, 1972 (Ger)

ANIMAL EXPERIMENTS/ APPETITE DISORDERS, etiology/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ *HIPPOCAMPUS, drug effects/ PREGNANCY/ RATS

3991. Sas M: Hormonelle Behandlung der juvenilen Blutungsstörungen. Fortschr Med 92:641-2, 23 May 74 (Ger)

ADOLESCENCE/ ESTRADIOL, therapeutic use/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ LYNESTRENOL, therapeutic use/ *MENSTRUATION DISORDERS, drug therapy/ MESTRANOL, therapeutic use/ NORETHYNDREL, therapeutic use/ NORSTEROIDS, therapeutic use/ PREGNENOLONE, therapeutic use/ *PROGESTATIONAL HORMONES, therapeutic use/ PROGESTERONE, therapeutic use

3992. Sasano N, Horikawa N, Nakamura K: Tissue microvenography of the adrenal in cirrhosis with portal hypertension. Tohoku J Exp Med 112:197-203, Mar 74

*ADRENAL GLANDS, blood supply/ COLLATERAL CIRCULATION/ FEMALE/ HUMAN/ *HYPERTENSION, PORTAL, radiography/ LIVER, anatomy & histology/ *LIVER CIRRHOSIS, radiography/ MALE/ MICORADIOGRAPHY/ ORGAN WEIGHT/ *PLEBOGRAPHY/ SPLEEN, anatomy & histology

3993. Sato A, Ozawa K, Sasaki T: [Effects of cadmium and zinc on cell cultures derived from the bone tissue and tooth germ] Folia Pharmacol Jap 70:127-33, Jan 74 (Jap)

ANIMAL EXPERIMENTS/ *BONE AND BONES, drug effects/ BONE AND BONES, metabolism/ CADMIUM, antagonists & inhibitors/ CADMIUM, metabolism/ CADMIUM, pharmacodynamics/ CELLS, CULTURED/ ENGLISH ABSTRACT/ *TOOTH GERM, drug effects/ TOOTH GERM, metabolism/ ZINC, metabolism/ *ZINC, pharmacodynamics

3994. Sato A, Ozawa K, Ito H: Proceedings: Effect of antidiuretic hormone on cyclic adenosine 3',5'-monophosphate levels in rat kidney cells in culture. Jap J Pharmacol 24:Suppl:47, 1974

*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CELLS, CULTURED/ KIDNEY, cytology/ *KIDNEY, metabolism/ *VASOPRESSIN, pharmacodynamics

3995. Sato S, Miyata M, Maruyama S, et al: Proceedings: Effects of hydrocortisone on the submaxillary glands of mice, with special reference to age differences. Jap J Pharmacol 24:Suppl:130, 1974

AUTHOR SECTION

- AGE FACTORS/ ANIMAL EXPERIMENTS/
FEMALE/ *HYDROCORTISONE,
pharmacodynamics/ MALE/ *SUBMANDIBULAR
GLAND, drug effects
3996. Sattelle DB, Lane NJ: Architecture of gastropod central nervous tissues in relation to ionic movements. *Tissue Cell* 4:253-70, 1972
ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ ELECTRIC STIMULATION/ EXTRACELLULAR SPACE/ GANGLIA, cytology/ GANGLIA, physiology/ LYMNEA, cytology/ LYMNEA, physiology/ MEMBRANE POTENTIALS/ MICROELECTRODES/ MICROSCOPY, ELECTRON/ *NERVOUS SYSTEM/ NERVOUS SYSTEM, cytology/ NERVOUS SYSTEM, physiology/ NEUROGLIA/ NEURONS/ NEUROSECRETORY SYSTEMS, cytology/ POTASSIUM, metabolism/ *SNAILS/ SNAILS, cytology/ SNAILS, physiology/ SODIUM, metabolism/ TETRODOTOXIN, pharmacodynamics
3997. Säuberli H, Largiadèr F, Vetter W: Das Magenanztrumhormon Gastrin. II. Die praktische Bedeutung der Gastrinbestimmung bei verschiedenen Krankheiten. *Schweiz Med Wochenschr* 104:745-51, 25 May 74 (Ger)
ACROMEGALY, blood/ ANEMIA, PERNICIOUS, blood/ DUODENAL NEOPLASMS, diagnosis/ ENGLISH ABSTRACT/ GASTRIC MUCOSA, secretion/ GASTRIN, biosynthesis/ *GASTRIN, blood/ GASTRIN, physiology/ HUMAN/ HYPERPARATHYROIDISM, blood/ PANCREATIC NEOPLASMS, diagnosis/ PEPTIC ULCER, blood/ *PYLORIC ANTRUM/ TIME FACTORS/ *ZOLLINGER-ELLISON SYNDROME, blood/ ZOLLINGER-ELLISON SYNDROME, diagnosis
3998. Sauer RT, Niall HD, Hogan ML, et al: The amino acid sequence of porcine parathyroid hormone. *Biochemistry* 13:1994-9, 23 Apr 74
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ GEL FILTRATION/ HUMAN/ HYDROLYSIS/ MALEATES/ *PARATHYROID HORMONE, analysis/ PARATHYROID HORMONE, isolation & purification/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ SPECIES SPECIFICITY/ STAPHYLOCOCCUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ THIOCYANATES/ THIOHYDANTOINS, analysis/ TRYPSIN
3999. Savel'eva AV: Sravnitel'noe vliyanie retabolila i sinkumara na funktsiiu trombositov. *Farmakol Toksikol* 26:465-8, Jul-Aug 73 (Rus)
*ACENOCUMAROL, pharmacodynamics/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ *HEPARIN, metabolism/ MALE/ *NANDROLONE, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ *THROMBOPLASTIN, metabolism
4000. Savkovic N, Pecevski J: The effects of cysteamine and AET Cl HCl on the induction of melotic chromosome rearrangements in irradiated male mice. *Can J Genet Cytol* 16:85-9, Mar 74
*AET, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CHROMOSOME ABERRATIONS/ CHROMOSOMES, radiation effects/ *CYSTEAMINE, pharmacodynamics/ DNA, radiation effects/ MALE/ *MEIOSIS/ MICE, INBRED C3H/ RADIATION DOSAGE/ *RADIATION GENETICS/ SPERMATOZOA, cytology/ TESTIS, cytology
4001. Sawicki B, Bajko K: Introduction of double inpregnation in the method of Grimelius. *Folia Morphol (Warsz)* 33:45-51, 1974
ANIMAL EXPERIMENTS/ CATS/ *CYTOLOGICAL TECHNIQUES/ DOGS/ GUINEA PIGS/ METHODS/ MICE/ RATS/ STAINS AND STAINING/ *THYROID GLAND, cytology
4002. Sawyer PN, Srinivasan S: The rôle of surface phenomena in intravascular thrombosis. *Bibl Anat* 12:106-19, 1973 (39 ref.)
BIOLOGICAL TRANSPORT/ BIOLOGICAL TRANSPORT, ACTIVE/ BLOOD VESSEL PROSTHESIS/ BLOOD VESSELS, anatomy & histology/ BLOOD VESSELS, physiology/ *BLOOD VESSELS, physiopathology/ CALCIUM, metabolism/ CHLORIDES, metabolism/ ELECTROCHEMISTRY/ ENDOTHELIUM, physiology/ *ENDOTHELIUM, physiopathology/ HYDROGEN-ION CONCENTRATION/ MEMBRANE POTENTIALS/ OSMOSIS/ POTASSIUM, metabolism/ REVIEW/ SODIUM, metabolism/ *THROMBOSIS, etiology/ THROMBOSIS, physiopathology
4003. Sawyer WH, Acosta M, Manning M: Structural changes in the arginine vasopressin molecule that prolong its antidiuretic action. *Endocrinology* 95:140-9, Jul 74
ANIMAL EXPERIMENTS/ ARGININE, pharmacodynamics/ DEAMINATION/ DIABETES INSIPIDUS/ *DIURESIS, drug effects/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS/ *VASOPRESSIN, pharmacodynamics
4004. Saxena RK, Talwar GP: A new in vitro method for assay of the biological activity of growth hormone. *Acta Endocrinol (Kbh)* 76:248-59, Jun 74
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ CATTLE/ CELL COUNT/ COMPARATIVE STUDY/ CORTICOTROPIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FISHES/ FSH, pharmacodynamics/ HUMAN/ LH, pharmacodynamics/ METHODS/ OXYTOCIN, pharmacodynamics/ PROLACTIN, pharmacodynamics/ RATS/ *RNA, metabolism/ SHEEP/ SOMATOTROPIN, administration & dosage/ *SOMATOTROPIN, pharmacodynamics/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL/ THYROTROPIN, pharmacodynamics/ TRITIUM/ URIDINE, metabolism
4005. Sayers G, Portanova R: Secretion of ACTH by isolated anterior pituitary cells: kinetics of stimulation of corticotropin-releasing factor and of inhibition by corticosterone. *Endocrinology* 94:1723-30, Jun 74
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, pharmacodynamics/ *CORTICOTROPIN, secretion/ *CORTICOTROPIN RELEASING HORMONE, pharmacodynamics/ HYPOTHALAMUS, drug effects/ IN VITRO/ KINETICS/ MALE/ *PITUITARY GLAND, secretion/ RATS/ SECRETORY RATE/ TIME FACTORS
4006. Scaglione V, Gle P, Volpe L: Validità e limiti di un dosaggio unico di HPL sierico nel primo trimestre di gravidanza. *Ann Ostet Ginecol Med Perinat* 94:180-9, Mar 73 (Ita)
ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ HUMAN/ *PLACENTAL LACTOGEN, blood/ PREGNANCY/ PREGNANCY COMPLICATIONS, blood/ PROGNOSIS/ TIME FACTORS
4007. Scapagnini U, Preziosi F: Role of brain noradrenaline in the tonic regulation of hypothalamic hypophyseal adrenal axis. *Prog Brain Res* 39:171-84, 1973
*ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ BRAIN, physiology/ DOGS/ *HYPOTHALAMUS, physiology/ *NOREPINEPHRINE, physiology/ *PITUITARY GLAND, physiology
4008. Scaramuzzi RJ, Boyle HP, Wheeler AG, et al: Proceedings: Preliminary studies on the secretion of prostaglandin F from the autotransplanted uterus of the ewe after exogenous progesterone and oestradiol. *J Endocrinol* 61:xxxv, Apr 74
ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ FEMALE/ INJECTIONS, INTRAMUSCULAR/ *PROGESTERONE, pharmacodynamics/ *PROSTAGLANDINS, secretion/ RADIOIMMUNOASSAY/ SHEEP/

AUTHOR SECTION

TRANSPLANTATION, AUTOLOGOUS/
UTERUS, drug effects/ *UTERUS, secretion/
UTERUS, transplantation

4009. Searlsbrick JJ, Read G, Cameron EH: Proceedings: Radioimmunoassay of progesterone: comparison of 3H-and 125I-labelled radioligands.
N Engl J Med 291:xlii-lxiii, 11 Jun 74
COMPARATIVE STUDY/ FEMALE/ HUMAN/
IODINE RADIOISOTOPES/ *PROGESTERONE,
blood/ RABBITS, immunology/ RADIOLIGAND
ASSAY/ TRITIUM
4010. Schaefer CF Jr, Kreinick CJ, Schwartzbaum JS: Behavioral reactivity, appetitive behavior, and visual evoked potentials to photic stimuli following amygdaloid lesions in rats.
J Comp Physiol Psychol 86:793-811, May 74
*AMYGDALOID BODY, physiology/ ANIMAL
EXPERIMENTS/ AROUSAL/ ATTENTION/
*BEHAVIOR, ANIMAL/ COMPARATIVE
STUDY/ CONDITIONING, OPERANT/
ELECTROENCEPHALOGRAPHY/ *EVOKED
POTENTIALS/ FRUSTRATION/
HABITUATION (PSYCHOPHYSIOLOGY)/
MALE/ MOTOR ACTIVITY/ PHOTIC
STIMULATION/ RATS/ REINFORCEMENT
(PSYCHOLOGY)/ SEPTUM PELLUCIDUM,
physiology/ *VISUAL CORTEX, physiology
4011. Schafer SJ, McShan WH: Radioimmunoassay determinations of gonadotropic hormone content in different regions of male and female rat adenohypophyses.
Proc Soc Exp Biol Med 146:546-8, Jun 74
ANIMAL EXPERIMENTS/ FEMALE/ FSH,
analysis/ *FSH, metabolism/ LH, analysis/
LH, metabolism/ MALE/ PITUITARY GLAND,
analysis/ PITUITARY GLAND, cytology/
*PITUITARY GLAND, metabolism/
RADIOIMMUNOASSAY
4012. Schally AV, Coy DM, Kastin AJ, et al: Proceedings: Effect of growth hormone release inhibiting hormone on the release of growth hormone and other pituitary hormones in man. J Endocrinol 61:xiv, Apr 74
ACROMEGALY, drug therapy/ GIGANTISM,
drug therapy/ HUMAN/ INSULIN,
pharmacodynamics/ LH-FSH RELEASING
HORMONE, pharmacodynamics/ MALE/
*PEPTIDES, pharmacodynamics/ PEPTIDES,
therapeutic use/ *PITUITARY HORMONES,
secretion/ SOMATOTROPIN, antagonists &
inhibitors/ *SOMATOTROPIN, secretion/
*SOMATOTROPIN RELEASING HORMONE,
antagonists & inhibitors/ SOMATOTROPIN
RELEASING HORMONE, therapeutic use/
THYROTROPIN RELEASING HORMONE,
pharmacodynamics
4013. Schally AV, Kastin AJ, Arimura A, et al: Basic and clinical studies with luteinizing hormone-releasing hormone (LH-RH) and its analogues.
J Reprod Fertil [Suppl] 20:119-36, Dec 73 (64 ref.)
AMENORRHEA, drug therapy/ AMINO ACID
SEQUENCE/ ANTIBODY FORMATION/
CONTRACEPTION/ FEMALE/ FSH, blood/
FSH, secretion/ HUMAN/ IN VITRO/ LH,
blood/ LH, secretion/ LH-FSH RELEASING
HORMONE, analysis/ LH-FSH RELEASING
HORMONE, antagonists & inhibitors/ *LH-FSH
RELEASING HORMONE, pharmacodynamics/
LH-FSH RELEASING HORMONE, therapeutic
use/ MALE/ OVULATION/ PEPTIDES,
pharmacodynamics/ PITUITARY GLAND, drug
effects/ PITUITARY GLAND, secretion/
PUBERTY/ REVIEW/ STERILITY, FEMALE,
drug therapy/ STIMULATION, CHEMICAL/
TISSUE CULTURE
4014. Schams D, Reinhardt V, Karg H: The immediate response of the plasma prolactin level to oestrogen and progesterone infusions in bulls.
Acta Endocrinol (Kbh) 76:242-7, Jun 74
ANIMAL EXPERIMENTS/ CATTLE/
DEPRESSION, CHEMICAL/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ ESTRADIOL,
administration & dosage/ *ESTRADIOL,
pharmacodynamics/ GUINEA PIGS,
immunology/ IMMUNE SERUMS/ INFUSIONS,
PARENTERAL/ MALE/ PROGESTERONE,
administration & dosage/ *PROGESTERONE,
pharmacodynamics/ *PROLACTIN, blood/
RADIOIMMUNOASSAY/ STIMULATION,
CHEMICAL/ TIME FACTORS
4015. Schanbacher BD, Gomes WR, VanDemark NL: Diurnal rhythm in serum testosterone levels and thymidine uptake by testes in the domestic fowl.
J Anim Sci 38:1245-8, Jun 74
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ *CHICKENS,
physiology/ *CIRCADIAN RHYTHM/
INJECTIONS/ MALE/ RADIOIMMUNOASSAY/
*TESTIS, metabolism/ *TESTOSTERONE,
blood/ THYMIDINE, administration & dosage/
*THYMIDINE, metabolism/ TRITIUM
4016. Scheler F: Aldosteron-Aldosteronismus.
Z Allgemeinmed 50:572-5, 30 Apr 74 (Ger)
*ALDOSTERONE, physiology/ HUMAN/
*HYPERALDOSTERONISM, etiology/
HYPERTENSION, physiopathology/ MALE/
POTASSIUM, metabolism/ SODIUM,
metabolism
4017. Schenck NL: Nasal polypectomy in the aspirin-sensitive asthmatic.
Trans Am Acad Ophthalmol Otolaryngol 78:orl109-19, May-Jun 74
ADRENAL CORTEX HORMONES, therapeutic
use/ *ASPIRIN, adverse effects/ ASTHMA,
drug therapy/ *ASTHMA, etiology/ ASTHMA,
occurrence/ CURETTAGE/ *DRUG
HYPERSENSITIVITY, etiology/ DRUG
HYPERSENSITIVITY, occurrence/
EOSINOPHILS, analysis/ FEMALE/ HUMAN/
MALE/ NASAL POLYPS, occurrence/ *NASAL
POLYPS, surgery
4018. Schenkel-Hulliger L, Maier R, Barthe PL, et al: Biological activity of synthetic human corticotropin with revised amino acid sequence.
Acta Endocrinol (Kbh) 75:24-32, Jan 74
ADRENAL GLANDS, drug effects/ AMINO
ACID SEQUENCE/ ANIMAL EXPERIMENTS/
CATTLE/ COMPARATIVE STUDY/
CORTICOSTERONE, biosynthesis/
CORTICOSTERONE, blood/ CORTICOTROPIN,
administration & dosage/ *CORTICOTROPIN,
pharmacodynamics/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ EPIDIDYMIS, drug
effects/ FATTY ACIDS, NONESTERIFIED,
analysis/ FATTY ACIDS, NONESTERIFIED,
blood/ FROGS/ GLYCERIN, analysis/
HYPOPHYSECTOMY/ MALE/ MELANOCYTES,
drug effects/ RATS/ STIMULATION,
CHEMICAL/ STRUCTURE-ACTIVITY
RELATIONSHIP/ SWINE
4019. Schilling F: Knochenveränderungen bei chronischen entzündlich-rheumatischen Erkrankungen (Arthritis, Spondylitis) vom klinisch-radiologischen Standpunkt.
Verh Dtsch Ges Rheumatol 3:142-57, 1974 (Ger)
*ARTHRITIS, RHEUMATOID, radiography/
BONE CYST, etiology/ *BONE DISEASES,
etiology/ CALCINOSIS, etiology/ FEMALE/
HUMAN/ HYPERPARATHYROIDISM,
complications/ MALE/ PERIOSTITIS, etiology/
PSORIASIS, complications/ *SPONDYLITIS,
ANKYLOSING, radiography/ SUDECK'S
ATROPHY, etiology
4020. Schillinger E, Gerloff C, Gerhards E, et al: Glucose tolerance and serum insulin in rats and insulin sensitivity of rat adipose cells following treatment with the progestogen clomegestone acetate.
Acta Endocrinol (Kbh) 75:305-13, Feb 74
*ADIPOSE TISSUE, drug effects/ ANIMAL
EXPERIMENTS/ *BLOOD SUGAR, metabolism/
CARBON RADIOISOTOPES/ FATTY ACIDS,
NONESTERIFIED, blood/ FEMALE/ GLUCOSE
TOLERANCE TEST/ GLYCOGEN, metabolism/
INJECTIONS, SUBCUTANEOUS/ *INSULIN,
blood/ KETOSTEROIDS, administration &
dosage/ KETOSTEROIDS, pharmacodynamics/
LIVER, metabolism/ MALE/ PREGNADIENES,
administration & dosage/ *PREGNADIENES,
pharmacodynamics/ PROGESTATIONAL

AUTHOR SECTION

- HORMONES, administration & dosage/
*PROGESTATIONAL HORMONES,
pharmacodynamics/ RADIOIMMUNOASSAY/
RATS/ STEROIDS, CHLORINATED,
administration & dosage/ STEROIDS,
CHLORINATED, pharmacodynamics/ TIME
FACTORS
4021. Schimmel RJ: Inhibition of free fatty acid mobilization by colchicine. *J Lipid Res* 15:206-10, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ADIPOSE TISSUE, drug effects/
*ADIPOSE TISSUE, metabolism/ ANIMAL
EXPERIMENTS/ BIOLOGICAL TRANSPORT/
CARBON DIOXIDE, metabolism/
*COLCHICINE, pharmacodynamics/
COMPARATIVE STUDY/ DEPRESSION,
CHEMICAL/ EPIDIDYMI/ EPINEPHRINE,
pharmacodynamics/ FATTY ACIDS,
NONESTERIFIED, metabolism/ GLUCOSE,
metabolism/ GLYCERIN, metabolism/ *LIPID
MOBILIZATION, drug effects/ MALE/ RATS/
THEOPHYLLINE, pharmacodynamics/ TIME
FACTORS
4022. Schindler AE, Gläser F: Untersuchungen zur Korpuserkrankung. *Geburtshilfe Frauenheilkd* 34:186-94, Mar 74 (Ger)
AGE FACTORS/ COMPARATIVE STUDY/
CYTOLOGICAL TECHNIQUES/ DIABETES
MELLITUS, complications/ ENDOMETRIUM,
cytology/ ENDOMETRIUM, drug effects/
ENDOMETRIUM, pathology/ ENGLISH
ABSTRACT/ ESTROGENS, pharmacodynamics/
FEMALE/ HUMAN/ HYPERTENSION,
complications/ MENOPAUSE/ OBESITY,
complications/ PRECANCEROUS CONDITIONS,
etiology/ UTERINE NEOPLASMS,
complications/ *UTERINE NEOPLASMS,
etiology/ VAGINA, cytology/ VAGINA, drug
effects/ VAGINA, pathology/ VAGINAL
SMEARS
4023. Schinzel A, Schmid W, Prader A: Turner phenotype: mosaic 45,X-47,XY, plus 18.
J Med Genet 11:101-4, Mar 74
*CHROMOSOMES, HUMAN, 16-18/
DERMATOGLYPHICS/ FEMALE/
FIBROBLASTS, cytology/ HUMAN/
INTELLIGENCE/ KARYOTYPING/
LYMPHOCYTES, cytology/ *MOSAICISM/
PEDIGREE/ PHENOTYPE/ STAINS AND
STAINING/ TRISOMY/ *TURNER'S
SYNDROME, familial & genetic
4024. Schinzel A, Zellweger H, Grella A, et al: Fetal face syndrome with acral dysostosis.
Helv Paediatr Acta 29:55-60, Apr 74
ABNORMALITIES, MULTIPLE/ CASE
REPORT/ CRANIOFACIAL DYSOSTOSIS,
familial & genetic/ *DWARFISM, familial &
genetic/ EXOPHTHALMOS/ *FACE,
abnormalities/ FINGERS, abnormalities/
*GENITALIA, MALE, abnormalities/ HUMAN/
KARYOTYPING/ MALE/ SEX
CHROMOSOMES/ SYNDROME
4025. Schirazi M, Benes P, Oertel GW: In-Vitro Biosynthese von 7 α -3H-Steroid-35S-sulfatid aus 7 α -3H-DHEA-35S-sulfat im Meerschweinchen Darm.
Endokrinologie 62:363-7, 1973 (Ger)
ANIMAL EXPERIMENTS/
*DEHYDROEPIANDROSTERONE, metabolism/
ENGLISH ABSTRACT/ GUINEA PIGS/ IN
VITRO/ *INTESTINES, metabolism/
METHODS/ *STEROIDS, biosynthesis/
*SULFATIDES, biosynthesis/ SULFUR
RADIOISOTOPES/ TRITIUM
4026. Schlaeger DA, Fuchs MS: Dopa decarboxylase activity in *Aedes aegypti*: a preadult profile and its subsequent correlation with ovarian development.
Dev Biol 38:209-19, Jun 74
ANIMAL EXPERIMENTS/ BLOOD/ CARBON
RADIOISOTOPES/ *DOPA DECARBOXYLASE,
metabolism/ ECDYSONE, pharmacodynamics/
FEMALE/ FOOD/ LARVA/ MOSQUITOES,
embryology/ *MOSQUITOES, enzymology/
MOSQUITOES, growth & development/
*OVARY, growth & development/ SEX
FACTORS
4027. Schlaeger DA, Fuchs MS, Kang SH: Ecdysone-mediated stimulation of DOPA decarboxylase activity and its relationship to ovarian development in *Aedes aegypti*.
J Cell Biol 61:454-65, May 74
AEDES, analysis/ AEDES, drug effects/
*AEDES, enzymology/ AEDES, growth &
development/ ANIMAL EXPERIMENTS/
ANIMAL FEED/ BLOOD/ CARBON
RADIOISOTOPES/ CELL-FREE SYSTEM/
CHOLESTEROL, pharmacodynamics/ DOPA,
metabolism/ *DOPA DECARBOXYLASE,
metabolism/ DOPAMINE, biosynthesis/
ECDYSONE, analysis/ *ECDYSONE,
pharmacodynamics/ FEMALE/ JUVENILE
HORMONES, pharmacodynamics/ MALE/
OVARY, drug effects/ *OVARY, growth &
development/ OVUM, growth & development/
RADIOIMMUNOASSAY/ SEX FACTORS/
STIMULATION, CHEMICAL
4028. Schiede E, Merker HJ: Benzo(a)pyrene hydroxylase activity in the whole implantation site, decidua, placenta and fetal membranes of the rat.
Naunyn Schmiedeberg Arch Pharmacol 282:59-73, 1974
ANIMAL EXPERIMENTS/ *BENZOPYRENES,
metabolism/ BENZOPYRENES,
pharmacodynamics/ DECIDUA, cytology/
*DECIDUA, enzymology/ *EMBRYO,
enzymology/ ENDOPLASMIC RETICULUM,
drug effects/ ENZYME INDUCTION/
FEMALE/ *FETAL MEMBRANES, enzymology/
GESTATIONAL AGE/ *HYDROXYLASES,
metabolism/ MICROSCOPY, ELECTRON/
NIDATION/ PLACENTA, cytology/
*PLACENTA, enzymology/ PROTEINS,
analysis/ TIME FACTORS/ VITELLINE
MEMBRANE, cytology
4029. Schlenker G, Köppe D, Siefert H: Die präpuberale und präovulatorische Östrogenausscheidung in Beziehung zur Fortpflanzungsregulation weiblicher Schweine.
Arch Exp Veterinaermed 27:881-9, 1973 (Ger)
ANIMAL EXPERIMENTS/ BIOLOGICAL
CLOCKS/ ENGLISH ABSTRACT/
*ESTROGENS, urine/ ESTRUS/ FEMALE/
FERTILITY/ OVULATION/ PUBERTY/
*REPRODUCTION/ SEX BEHAVIOR, ANIMAL/
*SWINE
4030. Schmidt CG: Chemotherapie der Lymphogranulomatose.
Internist (Berlin) 15:93-102, Feb 74 (Ger)
AGE FACTORS/ ANTINEOPLASTIC AGENTS,
adverse effects/ CHLORAMBUCIL, therapeutic
use/ CYCLOPHOSPHAMIDE, therapeutic use/
DRUG COMBINATIONS/ DRUG THERAPY,
COMBINATION/ *HODGKIN'S DISEASE, drug
therapy/ HODGKIN'S DISEASE, immunology/
HODGKIN'S DISEASE, mortality/ HODGKIN'S
DISEASE, radiotherapy/ HUMAN/ IMMUNITY,
CELLULAR/ LEUKOCYTE COUNT/
PREDNISONE, therapeutic use/
PROCARBAZINE, therapeutic use/
PROGNOSIS/ RECURRENCE/ REMISSION/
TIME FACTORS/ VINBLASTINE, therapeutic
use/ VINCRIStINE, therapeutic use
4031. Schmidt I: Ocular manifestations of systemic diseases.
Am J Optom Physiol Opt 51:352-65, May 74 (74 ref.)
COLLAGEN DISEASES, complications/
COLLAGEN DISEASES, diagnosis/
ENDOCRINE DISEASES, complications/
ENDOCRINE DISEASES, diagnosis/ *EYE
DISEASES, etiology/ *EYE
MANIFESTATIONS/ HEMATOLOGIC
DISEASES, complications/ HEMATOLOGIC
DISEASES, diagnosis/ HUMAN/ INFECTION,
complications/ KIDNEY DISEASES,
complications/ LIVER DISEASES,
complications/ METABOLIC DISEASES,
complications/ METABOLIC DISEASES,
diagnosis/ MUSCULAR DISEASES,
complications/ MUSCULAR DISEASES,
diagnosis/ NUTRITION DISORDERS,
complications/ REVIEW/ SKIN DISEASES,

AUTHOR SECTION

- complications/ VASCULAR DISEASES, complications
4032. Schmidt MJ: Effects of neonatal hyperthyroidism on activity of cyclic AMP-dependent microsomal protein kinase. *J Neurochem* 22:469-71, Mar 74
 *ADENOSINE CYCLIC 3',5'
 MONOPHOSPHATE, pharmacodynamics/
 ADENOSINE TRIPHOSPHATE/ ANIMAL
 EXPERIMENTS/ ANIMALS, NEWBORN/ BODY
 WEIGHT/ BRAIN, cytology/ BRAIN, drug
 effects/ *BRAIN, enzymology/ COMPARATIVE
 STUDY/ ENZYME ACTIVATION/
 HYPERTHYROIDISM, chemically induced/
 *HYPERTHYROIDISM, enzymology/ KINETICS/
 MICROSOMES, drug effects/ *MICROSOMES,
 enzymology/ ORGAN WEIGHT/ PHOSPHORUS
 RADIOISOTOPES/ *PROTEIN KINASE,
 metabolism/ RATS/ THYROXINE, chemically
 induced/ THYROXINE, pharmacodynamics/
 TRIIODOTHYRONINE/ TRIIODOTHYRONINE,
 pharmacodynamics
4033. Schmidt S: Zur Organisation der
 Intensivschwangerenberatung in einem
 Kreiskrankenhaus.
 Zentralbl Gynaekol 96:373-5, 22 Mar 74 (Ger)
 ALKALINE PHOSPHATASE, metabolism/
 AMNIOSCOPY/ BODY WEIGHT/
 *COUNSELING/ ENGLISH ABSTRACT/
 ESTROGENS, metabolism/ FEMALE/ FETAL
 DISEASES, diagnosis/ GERMANY, EAST/
 GESTATIONAL AGE/ *HOSPITAL
 DEPARTMENTS/ HUMAN/ MASS
 SCREENING/ *ORGANIZATION AND
 ADMINISTRATION/ PREGNANCY
 COMPLICATIONS, diagnosis/ PREGNANCY
 COMPLICATIONS, enzymology/ PREGNANCY
 COMPLICATIONS, metabolism/ *PRENATAL
 CARE/ ULTRASONICS, diagnostic use
4034. Schmidt W, Richter J: Gewebekinetische
 Untersuchungen mit Trypanblau.
 Acta Anat (Basel) 87:447-60, 1974 (Ger)
 *ADRENAL GLANDS, cytology/ ANIMAL
 EXPERIMENTS/ ENGLISH ABSTRACT/
 *INTESTINE, SMALL, cytology/ *LYMPH
 NODES, cytology/ MICE/ *STAINS AND
 STAINING/ *TRYPAN BLUE
4035. Schmidt-Gayk H, Seyberth HW, Röher HD, et al: Die
 Bestimmung der renalen Ausscheidung von
 cyclischem Adenosin 3',5'-monophosphat zur
 Diagnose des primären Hyperparathyreoidismus.
 Verh Dtsch Ges Inn Med 79:1261-3, 1973 (Ger)
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
 blood/ *ADENOSINE CYCLIC 3',5'
 MONOPHOSPHATE, urine/ CALCIUM, blood/
 CALCIUM, urine/ CREATININE, urine/
 HUMAN/ *HYPERPARATHYROIDISM, urine/
 TIME FACTORS
4036. Schmukler M, Zieve PD: The effect of concanavalin A
 on human platelets and their response to thrombin.
 J Ky Med Assoc 83:887-95, Jun 74
 *BLOOD PLATELETS, drug effects/ BLOOD
 PLATELETS, enzymology/ BLOOD
 PLATELETS, metabolism/ *CONCAVALIN
 A, pharmacodynamics/ GALACTOSAMINIDASE,
 metabolism/ GALACTOSIDASE, metabolism/
 GLUCOSAMINIDASE, metabolism/
 GLUCURONIDASE, metabolism/ GLYCOSIDE
 HYDROLASES, metabolism/ HUMAN/
 HYDROLASES, metabolism/ MANNOSE/
 NUCLEOTIDES, metabolism/ RECEPTORS,
 DRUG/ SEROTONIN, metabolism/ THROMBIN,
 antagonists & inhibitors/ *THROMBIN,
 pharmacodynamics/ TIME FACTORS
4037. Schnedl W: Der Polymorphismus des menschlichen
 Chromosomensatzes-eine Möglichkeit für den
 Vaterschaftsnachweis.
 Z Rechtsmed 74:17-23, 29 Mar 74 (Ger)
 *CHROMOSOMES/ ENGLISH ABSTRACT/
 FLUORESCENCE/ FORENSIC MEDICINE/
 HUMAN/ INFANT, NEWBORN/
 KARYOTYPING/ MALE/ *PATERNITY/
 *POLYMORPHISM (GENETICS)/
 QUINACRINE/ SEX CHROMOSOMES/ STAINS
 AND STAINING
4038. Schneider C: Nuklearmedizinische Aspekte der
 klinischen Osteologie.
 Verh Dtsch Ges Rheumatol 3:112-7, 1974 (Ger)
 BONE AND BONES, metabolism/ *BONE
 DISEASES, diagnosis/ BONE NEOPLASMS,
 diagnosis/ CALCIUM, metabolism/ HUMAN/
 HYPERPARATHYROIDISM, metabolism/
 HYPERTHYROIDISM, metabolism/
 INTESTINAL ABSORPTION/ KIDNEY
 FAILURE, CHRONIC, metabolism/ NEOPLASM
 METASTASIS/ *RADIOISOTOPE SCANNING/
 TECHNETIUM
4039. Schneider JA, Sperelakis N: The demonstration of
 energy dependence of the Isoproterenol-induced
 transcellular Ca²⁺ current in isolated perfused
 guinea pig hearts-an explanation for mechanical
 failure of ischemic myocardium.
 J Surg Res 16:389-403, Apr 74
 ACTION POTENTIALS, drug effects/ ANIMAL
 EXPERIMENTS/ ANOXIA, metabolism/
 BIOLOGICAL TRANSPORT, drug effects/
 CAFFEINE, pharmacodynamics/ *CALCIUM,
 metabolism/ CELL MEMBRANE, metabolism/
 CELL MEMBRANE PERMEABILITY, drug
 effects/ CORONARY DISEASE, metabolism/
 CYANIDES, pharmacodynamics/ DEPRESSION,
 CHEMICAL/ DINITROPHENOLS,
 pharmacodynamics/ ELECTROCHEMISTRY/
 GUINEA PIGS/ HEART RATE, drug effects/
 ISOPROTERENOL, pharmacodynamics/
 MEMBRANE POTENTIALS, drug effects/
 *MYOCARDIAL INFARCT, etiology/
 MYOCARDIUM, cytology/ *MYOCARDIUM,
 metabolism/ POTASSIUM, pharmacodynamics/
 SODIUM, metabolism/ THEOPHYLLINE,
 pharmacodynamics/ XANTHINES,
 pharmacodynamics
4040. Schneider MD, Kaye MP, Blatt SJ, et al: Safety of
 intraaortic balloon pumping. II. Physical injury to
 aortic endothelium due to mechanical pump action.
 Thromb Res 4:399-415, Mar 74
 ADRENAL GLANDS, pathology/ ANIMAL
 EXPERIMENTS/ *AORTA, THORACIC,
 injuries/ AORTA, THORACIC, pathology/
 *ASSISTED CIRCULATION, standards/
 CATTLE/ ENDOTHELIUM, injuries/
 ENDOTHELIUM, pathology/ HEMATOMA,
 etiology/ HEMATOMA, pathology/ HINDLIMB/
 INFARCTION, etiology/ INFARCTION,
 pathology/ KIDNEY, blood supply/ KIDNEY,
 pathology/ MICROSCOPY, ELECTRON,
 SCANNING/ ORGAN WEIGHT/ PARALYSIS,
 etiology
4041. Schneider W, Jutzler GA: Letter: Implications of cyclic
 adenosine 3',5'-monophosphate in chronic renal
 failure. *Lancet* 1:155, 29 Jun 74
 *ADENOSINE CYCLIC 3',5'
 MONOPHOSPHATE, blood/ CREATININE,
 blood/ HUMAN/ *KIDNEY FAILURE,
 CHRONIC, blood
4042. Schneider WH, Villar-Palasi C, Lerner J: Einfluss von
 cyclischem AMP auf den Glucosestoffwechsel in
 menschlichen Blutplättchen.
 Verh Dtsch Ges Inn Med 79:488-90, 1973 (Ger)
 *ADENOSINE CYCLIC 3',5'
 MONOPHOSPHATE, pharmacodynamics/
 BLOOD PLATELETS, analysis/ *BLOOD
 PLATELETS, drug effects/ BLOOD
 PLATELETS, metabolism/ *GLUCOSE,
 metabolism/ GLYCOGEN, blood/ HUMAN
4043. Schoener EP, Wang SC: Sodium acetylsalicylate
 effectiveness against fever induced by leukocytic
 pyrogen and prostaglandin E₁ in the cat.
Experientia 30:383-4, 15 Apr 74
 ANIMAL EXPERIMENTS/ *ASPIRIN,
 therapeutic use/ COMPARATIVE STUDY/
 FEVER, chemically induced/ *FEVER, drug
 therapy/ FEVER, physiopathology/ MALE/
 *PROSTAGLANDINS/ *PYROGENS/ SODIUM/
 TIME FACTORS
4044. Scholz PM, Jolley WB, Novinson TC, et al: Influence of
 altered cyclic 3',5'-adenosine monophosphate
 phosphodiesterase activity on systemic
 hemodynamics. *Surg Forum* 23:189-91, 1972

AUTHOR SECTION

- ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
ANIMAL EXPERIMENTS/ CARDIAC OUTPUT/
*HEART, drug effects/ ISOPROTERENOL,
pharmacodynamics/ *PHOSPHODIESTERASES,
antagonists & inhibitors/ PYRAZOLES,
pharmacodynamics/ PYRIMIDINES,
pharmacodynamics
4045. Schönfelder M, Wildführ W, Gläser A: Zur licht- und elektronenmikroskopischen Morphologie der lymphozytären Tumorzellverletzung in vitro. Pathol Microbiol (Basel) 40:251-8, 1974 (Ger)
CELL MEMBRANE/ CELL NUCLEUS/ CELLS, CULTURED/ CELLULAR INCLUSIONS/ CYTOPLASM/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ENGLISH ABSTRACT/ FEMALE/ GRANULOSA CELL TUMOR, immunology/ *GRANULOSA CELL TUMOR, pathology/ HUMAN/ *LYMPHOCYTES, immunology/ LYCOSOMES/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ OVARIAN NEOPLASMS, immunology/ *OVARIAN NEOPLASMS, pathology/ STAINS AND STAINING
4046. Schönhöfer PS, Peters HD, Karzel K, et al: Influence of antiproliferative drugs on prostaglandin E1 stimulated cyclic 3',5'-AMP levels and glycosaminoglycan synthesis in fibroblast tissue cultures. Pol J Pharmacol Pharm 26:51-60, Jan-Apr 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BENZYL COMPOUNDS, pharmacodynamics/ BRADYKININ, pharmacodynamics/ CELL COUNT/ CELLS, CULTURED/ DIMETHYLAMINES, pharmacodynamics/ EMBRYO/ ESTRADIOL, pharmacodynamics/ *FIBROBLASTS, metabolism/ FIBROBLASTS, secretion/ GLUCOCORTICOID, pharmacodynamics/ HISTAMINE, pharmacodynamics/ INDAZOLES, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ MUCOPOLYSACCHARIDES, biosynthesis/ MUCOPOLYSACCHARIDES, secretion/ NOREPINEPHRINE, pharmacodynamics/ PERCHLORIC ACIDS/ PREDNISOLONE, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ SEROTONIN, pharmacodynamics/ TRITIUM/ TRYPSIN/ URONIC ACIDS, analysis
4047. Schorderet-Slatkine S: Action of progesterone and related steroids on oocyte maturation in *Xenopus laevis*. An in vitro study. Cell Differ 1:179-89, Aug 72
ANIMAL EXPERIMENTS/ CORTISONE, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ FEMALE/ HYDROCORTISONE, pharmacodynamics/ IN VITRO/ MEIOSIS/ *OVUM, drug effects/ OVUM, growth & development/ PREDNISOLONE, pharmacodynamics/ PREGNENOLONE, pharmacodynamics/ *PROGESTERONE, pharmacodynamics/ PROTEINS, biosynthesis/ PUROMYCIN, pharmacodynamics/ RNA, biosynthesis/ *XENOPUS, embryology
4048. Schorderet-Slatkine S, Drury KC: Progesterone induced maturation in oocytes of *Xenopus laevis*. Appearance of a 'maturation promoting factor' in enucleated oocytes. Cell Differ 2:247-54, Oct 73
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CYTOPLASM/ IN VITRO/ MEIOSIS/ OVUM, cytology/ *OVUM, drug effects/ OVUM, growth & development/ *PROGESTERONE, pharmacodynamics/ TISSUE EXTRACTS, pharmacodynamics/ TRITIUM/ *XENOPUS, embryology
4049. Schreiber V, Přibyl T, Roháčová J: Vazba značeného tyroxinu na proteiny estrogenizované krysy adenyhypofýzy in vitro: kinetika vytěsnění stabilním tyroxinem. Sb Lek 74:257-62, Sep 72 (Cze)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ESTRADIOL, pharmacodynamics/ KINETICS/ ORGAN WEIGHT/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, metabolism/ *THYROXINE, metabolism/ *THYROXINE-BINDING PROTEIN, metabolism
4050. Schrier RW: Editorial: "Inappropriate" versus "appropriate" antidiuretic hormone secretion. West J Med 121:62-4, Jul 74
HUMAN/ SODIUM, urine/ SYNDROME/ *VASOPRESSIN, secretion
4051. Schrier RW, Regal EM: Influence of aldosterone on sodium, water and potassium metabolism in chronic renal disease. Kidney Int 1:156-68, Mar 72
*ALDOSTERONE, physiology/ ALDOSTERONE, urine/ BLOOD/ BLOOD UREA NITROGEN/ BODY WATER, analysis/ CREATININE, metabolism/ DESOXYCORTICOSTERONE, pharmacodynamics/ DIET, SALT-FREE/ EXTRACELLULAR SPACE, analysis/ FECES, analysis/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ KIDNEY CONCENTRATING ABILITY/ *KIDNEY FAILURE, CHRONIC, urine/ MANNITOL, pharmacodynamics/ OSMOLAR CONCENTRATION/ PLASMA VOLUME/ POTASSIUM, blood/ *POTASSIUM, urine/ SODIUM, blood/ *SODIUM, urine/ SPIRONOLACTONE, pharmacodynamics/ UREA, urine/ URINE/ VASOPRESSIN, pharmacodynamics/ *WATER, urine
4052. Schroeder J: Analogs of alpha-tocopherol as inhibitors of cyclic-AMP and cyclic-GMP phosphodiesterases and effects of alpha-tocopherol deficiency on cyclic AMP-controlled metabolism. Biochim Biophys Acta 343:173-81, 20 Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CATTLE/ GLYCOGEN, metabolism/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ KINETICS/ LIVER, enzymology/ LIVER, metabolism/ MALE/ ORGAN WEIGHT/ *PHOSPHODIESTERASES, antagonists & inhibitors/ RATS/ SERINE DEHYDRATASE, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ THEOPHYLLINE, pharmacodynamics/ *VITAMIN E, pharmacodynamics/ VITAMIN E DEFICIENCY, enzymology/ *VITAMIN E DEFICIENCY, metabolism
4053. Schrör K, Förster W: Interactions between isoproterenol and prostaglandin E2 in the dog heart in situ. Pol J Pharmacol Pharm 26:143-9, Jan-Apr 74
ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ BLOOD PRESSURE, drug effects/ COMPARATIVE STUDY/ DRUG INTERACTIONS/ ELECTROCARDIOGRAPHY/ FEMALE/ *HEART, drug effects/ HEART RATE, drug effects/ HEART VENTRICLE/ *ISOPROTERENOL, pharmacodynamics/ MALE/ MUSCLE CONTRACTION, drug effects/ *PROSTAGLANDINS, pharmacodynamics
4054. Schubert D, Heinemann S, Carlisle W, et al: Clonal cell lines from the rat central nervous system. Nature 249:224-7, 17 May 74
AMINOBUTYRIC ACID, analysis/ CELL DIVISION/ *CELL LINE/ CELL MEMBRANE/ *CLONE CELLS/ CULTURE MEDIA/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ NEOPLASMS, EXPERIMENTAL/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, classification/ *NEOPLASMS, NERVOUS TISSUE, chemically induced/ NEOPLASMS, NERVOUS TISSUE, classification/ NERVE TISSUE PROTEINS, analysis/ NEURAL TRANSMISSION/ NEUROBLASTOMA/ NEUROGLIA, analysis/ NEUROGLIA, drug effects/ NEUROGLIA, enzymology/ *NEUROGLIA, metabolism/ NEUROHUMORS, biosynthesis/ NEURONS, analysis/ NEURONS, drug effects/ NEURONS, enzymology/ *NEURONS, metabolism/ NITROSOUREA COMPOUNDS/ RATS

AUTHOR SECTION

4055. Schubert J: Zur Problematik der Hodentorsion. Z Aertzl Fortbild (Jena) 68:82-3, 15 Jan 74 (Ger)
ADOLESCENCE/ ADULT/ CHILD/ CHILD,
PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/
EPIDIDYMITIS, diagnosis/ HUMAN/ INFANT/
INFANT, NEWBORN/ MALE/ ORCHITIS,
diagnosis/ *SPERMATIC CORD TORSION/
SPERMATIC CORD TORSION, diagnosis/
SPERMATIC CORD TORSION, surgery/
TESTIS, surgery/ TIME FACTORS
4056. Schultz J: Adenosine 3',5'-monophosphate in guinea pig cerebral cortical slices: effect of benzodiazepines. J Neurochem 22:685-90, May 74
ADENOSINE, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CEREBRAL CORTEX, drug effects/ *CEREBRAL CORTEX, metabolism/ CHLORDIAZEPOXIDE, pharmacodynamics/ COMPARATIVE STUDY/ DIAZEPAM, pharmacodynamics/ HISTAMINE, pharmacodynamics/ KINETICS/ MALE/ NOREPINEPHRINE, pharmacodynamics/ OXAZEPAM, pharmacodynamics/ TIME FACTORS/ *TRANQUILIZING AGENTS, pharmacodynamics
4057. Schulz HJ, Reitzig P, Lisewski G, et al: Malabsorptionssyndrom und intestinale Pseudobstruktion bei primärer Amyloidose der Gefäße und des Herzens. Dtsch Z Verdau Stoffwechselkr 33:233-44, 1973 (Ger)
*AMYLOIDOSIS, complications/ AMYLOIDOSIS, drug therapy/ AMYLOIDOSIS, immunology/ AMYLOIDOSIS, pathology/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY COMPLEX/ AZATHIOPRINE, therapeutic use/ CASE REPORT/ CHLORAMPHENICOL, therapeutic use/ CYSTEINE, therapeutic use/ *HEART DISEASES, complications/ HUMAN/ *INTESTINAL OBSTRUCTION, etiology/ *MALABSORPTION SYNDROMES, etiology/ MALE/ MELPHALAN, therapeutic use/ PENICILLAMINE, therapeutic use/ PREDNISONE, therapeutic use/ TIME FACTORS/ *VASCULAR DISEASES, complications
4058. Schulz K, Riethling AK, Wiegershausen B: Zur Wirkung von d,l-N-Isopropylnoradrenochromonosemicarbazon auf die Thrombocytenfunktion. Klin Wochenschr 52:196-8, 15 Feb 74 (Ger)
*ADRENOCHROME, pharmacodynamics/ ADRENOCHROME, therapeutic use/ ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD PLATELET DISORDERS, drug therapy/ *BLOOD PLATELETS, drug effects/ PLATELET ADHESIVENESS, drug effects/ SEMICARBAZONES, pharmacodynamics/ SEMICARBAZONES, therapeutic use/ THROMBELASTOGRAPHY/ TIME FACTORS/ VASCULAR DISEASES, drug therapy
4059. Schumacher GH, Fanghänel J, Schultz E: Quantitative Untersuchungen über das postnatale Wachstum von Rattus norvegicus Berkenhout unter normalen und statisch veränderten Bedingungen. V. Organe des Urogenitalsystems (Niere, Hoden, Ovar. Acta Anat (Basel) 85:477-98, 1973 (Ger)
AMPUTATION/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ENGLISH ABSTRACT/ FEMALE/ FORELIMB/ *KIDNEY, growth & development/ MALE/ *OVARY, growth & development/ *RATS, growth & development/ SEX FACTORS/ *TESTIS, growth & development
4060. Schur PH, Kyle RA, Bloch KJ, et al: IgG subclasses: relationship to clinical aspects of multiple myeloma and frequency distribution among M-components. Scand J Haematol 12:60-8, 1974
ANEMIA, etiology/ BENCE JONES PROTEIN, urine/ ELECTROPHORESIS, STARCH GEL/ FRACTURES, etiology/ GEL DIFFUSION TESTS/ HEMOGLOBIN/ HEPATOMEGALY/ HUMAN/ HYPERCALCEMIA, etiology/ *IGG, analysis/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ LEUKOCYTE COUNT/ MIDDLE AGE/ MONKEYS, immunology/ MULTIPLE MYELOMA, complications/ *MULTIPLE MYELOMA, immunology/ MULTIPLE MYELOMA, mortality/ MYELOMA PROTEINS, isolation & purification/ PURPURA/ RABBITS, immunology/ SPLENOMEGALY/ UREMIA, etiology
4061. Schürmann K: Neurochirurgische Aufgaben in der Orbita. Arch Otorhinolaryngol (NY) 207:253-82, 15 May 74 (Ger)
BRAIN INJURIES, ACUTE, surgery/ BRAIN NEOPLASMS, radiography/ BRAIN NEOPLASMS, surgery/ ENCEPHALOCELE, complications/ EXOPHTHALMOS, etiology/ FEMALE/ HUMAN/ MALE/ METHODS/ OPTIC NERVE, injuries/ ORBIT, abnormalities/ ORBIT, injuries/ *ORBIT, surgery/ ORBITAL NEOPLASMS, radiography/ ORBITAL NEOPLASMS, surgery
4062. Schwabe U, Ebert R: Stimulation of cyclic adenosine 3',5'-monophosphate accumulation and lipolysis in fat cells by adenosine deaminase. Naunyn Schmiedebergs Arch Pharmacol 282:33-44, 1974
ADENOSINE/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, metabolism/ *AMINOHYDROLASES, pharmacodynamics/ ANIMAL EXPERIMENTS/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GLYCERIN, metabolism/ IN VITRO/ INSULIN, pharmacodynamics/ *LIPIDS, metabolism/ MALE/ NICOTINIC ACID, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ TIME FACTORS
4063. Schwalb MN: Effect of adenosine 3',5'-cyclic monophosphate on the morphogenesis of fruit bodies of Schizophyllum commune. Arch Mikrobiol 96:17-20, 1 Mar 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BASIDIOMYCETES, drug effects/ *BASIDIOMYCETES, growth & development/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ *MORPHOGENESIS, drug effects/ MUTATION/ SPORES, FUNGAL, growth & development
4064. Schwandt P: Die Lipotropine. Klin Wochenschr 52:153-65, 15 Feb 74 (105 ref.) (Ger)
ADENYL CYCLASE, analysis/ ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, metabolism/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CHEMISTRY/ CROSS REACTIONS/ DUCKS/ ENGLISH ABSTRACT/ GLUCOSE, metabolism/ HUMAN/ IMMUNE SERUMS/ LIPID MOBILIZATION/ LIPOTROPIN, analysis/ *LIPOTROPIN, isolation & purification/ LIPOTROPIN, metabolism/ LIPOTROPIN, pharmacodynamics/ MAGNESIUM, metabolism/ METHODS/ MOLECULAR WEIGHT/ PHOSPHATES, metabolism/ PHOSPHODIESTERASES, analysis/ PITUITARY HORMONES, ANTERIOR, physiology/ PROTEINS, metabolism/ RADIOIMMUNOASSAY/ REVIEW/ SHEEP/ SWINE
4065. Schwartz AL, Riihå NC, Rall TW: Effect of dibutyryl cyclic amp on glucose-6-phosphatase activity in human fetal liver explants. Biochim Biophys Acta 343:500-9, 24 May 74
COMPARATIVE STUDY/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ DRUG SYNERGISM/ EMBRYO, enzymology/ EMBRYO, growth & development/ FEMALE/ *FETUS, enzymology/ FETUS, growth & development/ GESTATIONAL AGE/

AUTHOR SECTION

- *GLUCOSEPHOSPHATASE, metabolism/
HUMAN/ INSULIN, pharmacodynamics/
LIVER, drug effects/ *LIVER, enzymology/
LIVER, growth & development/ ORGAN
CULTURE/ THEOPHYLLINE,
pharmacodynamics/ TIME FACTORS
4066. Schwartz U, Hammerstein J: The oestrogenic potency of various contraceptive steroids as determined by their effects on transcortin-binding capacity. *Acta Endocrinol (Kbh)* 76:159-71, May 74
ADOLESCENCE/ ADULT/ BINDING SITES/
CARBON RADIOISOTOPES/
CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ GEL FILTRATION/ HUMAN/ HYDROCORTISONE, metabolism/ *HYPOGONADISM, metabolism/ MEGESTROL, pharmacodynamics/ MESTRANOL, pharmacodynamics/ NORETHINDRONE, pharmacodynamics/ NORETHYNODREL, pharmacodynamics/ NORGESTREL, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS/ *TRANSCORTIN, metabolism
4067. Schwartzel EH, Cooney JJ: Action of light on *Micrococcus roseus*. *Can J Microbiol* 20:1015-21, Jul 74
AIR/ ANILINE COMPOUNDS, pharmacodynamics/ CALCIUM, metabolism/ CAROTENE, analysis/ CAROTENOIDS, biosynthesis/ CULTURE MEDIA/ *LIGHT/ MAGNESIUM, metabolism/ MICROCOCCUS, analysis/ MICROCOCCUS, drug effects/ MICROCOCCUS, growth & development/ *MICROCOCCUS, metabolism/ MUTATION/ SODIUM, metabolism/ SPECTROPHOTOMETRY/ TOLONIUM CHLORIDE, pharmacodynamics/ XANTHOPHYLL, analysis
4068. Schwarz JA, Comsa J, Ziegler P: Einfluss eines Thymushormons auf die Immunantwort der hypophysectomierten und thymektomierten Ratte. *Verh Dtsch Ges Inn Med* 79:579-82, 1973 (Ger)
ANIMAL EXPERIMENTS/ HORMONES/ MALE/ *PITUITARY GLAND, physiology/ *RATS, physiology/ SOMATOTROPIN/ *THYMUS GLAND, physiology
4069. Schwarz VR, Kryank H: Septischer Schock-Diagnose, Prophylaxe und Therapie. *Zentralbl Chir* 99:434-40, 5 Apr 74 (Ger)
ANTIBIOTICS, therapeutic use/ ANURIA, therapy/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HEMODIALYSIS/ HEPARIN, therapeutic use/ HUMAN/ MANNITOL, therapeutic use/ PLASMA SUBSTITUTES, therapeutic use/ PREGNANCY COMPLICATIONS, INFECTIOUS, drug therapy/ PREGNANCY COMPLICATIONS, INFECTIOUS, surgery/ *SHOCK, ENDOTOXIC, diagnosis/ SHOCK, ENDOTOXIC, drug therapy/ SHOCK, ENDOTOXIC, prevention & control/ SORBITOL, therapeutic use/ STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy/ VASOCONSTRICTOR AGENTS, therapeutic use/ VASODILATOR AGENTS, therapeutic use
4070. Schwarzmeier JD, Luft A: Cyclisches AMP in normalen und PHA-stimulierten Lymphocyten. *Verh Dtsch Ges Inn Med* 79:577-9, 1973 (Ger)
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ *LYMPHOCYTES, analysis/ *PLANT AGGLUTININS/ SWINE/ TIME FACTORS
4071. Schwille FO, Scholz D, Hagemann G, et al: Metabolic and glucose load studies in uric acid, oxalic and hyperparathyroid stone formers. *Adv Exp Med Biol* 41:485-94, 1974
ACIDS, urine/ ADULT/ CALCIUM, urine/ CITRATES, urine/ COMPARATIVE STUDY/ CREATININE, urine/ FASTING/ FATTY
- ACIDS, NONESTERIFIED, blood/ FEMALE/ GLOMERULAR FILTRATION RATE/ GLUCAGON, blood/ GLUCOSE TOLERANCE TEST/ HUMAN/ *HYPERPARATHYROIDISM, metabolism/ *KIDNEY CALCULI, metabolism/ MAGNESIUM, urine/ MALE/ MIDDLE AGE/ *OXALATES, metabolism/ PHOSPHATES, urine/ TIME FACTORS/ *URIC ACID, metabolism/ URIC ACID, urine
4072. Schwinger E, Wild F: Length of the Y chromosome and antisocial behaviour? *Humangenetik* 22:67-9, 24 Apr 74
BODY HEIGHT/ GENETICS, BEHAVIORAL/ HUMAN/ KARYOTYPING/ LYMPHOCYTES, cytology/ MALE/ PRISONERS/ *SEX CHROMOSOMES/ *SOCIOPATHIC PERSONALITY, familial & genetic/ STUDENTS
4073. (Scot M), O'Neill YV: Michael Scot and Mary of Bologna: an addendum. *Clio Med* 9:125-9, Jun 74
*ABORTION, MISSED, history/ *FAMOUS PERSONS/ FEMALE/ *GYNECOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HUMAN/ *HYDATIDIFORM MOLE, history/ ITALY/ MANUSCRIPTS/ NOMENCLATURE/ *OBSTETRICS, history
4074. (Scot M), O'Neill YV: Michael Scot and Mary of Bologna. A medieval gynecological puzzle. *Clio Med* 8:87-111, Jun 73
*ABORTION, MISSED, history/ *FAMOUS PERSONS/ FEMALE/ *GYNECOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HUMAN/ *HYDATIDIFORM MOLE, history/ ITALY/ MANUSCRIPTS/ *OBSTETRICS, history
4075. Scott AP, Lowry PJ, Ratcliffe JG, et al: Corticotrophin-like peptides in the rat pituitary. *J Endocrinol* 61:355-67, Jun 74
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CORTICOTROPIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GEL FILTRATION/ GLYCINE, analysis/ HISTOCYTOCHEMISTRY/ MALE/ MSH, analysis/ ORGAN CULTURE/ *PEPTIDES, analysis/ *PITUITARY GLAND, analysis/ RADIOIMMUNOASSAY/ VALINE, analysis
4076. Scott AP, Lowry PJ, Bennett HP, et al: Purification and characterization of porcine corticotrophin-like intermediate lobe peptide. *J Endocrinol* 61:369-80, Jun 74
ACETIC ACIDS/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CORTICOTROPIN, isolation & purification/ GEL FILTRATION/ PEPsin/ *PEPTIDES, isolation & purification/ *PITUITARY GLAND, analysis/ SWINE/ VASOPRESSIN, analysis
4077. Scott J: Cardiac infarction and yellow nail syndrome. *Proc R Soc Med* 67:323, May 74
ANTIBODIES/ BLOOD CELL COUNT/ CASE REPORT/ DIURETICS, therapeutic use/ EDEMA, drug therapy/ HUMAN/ LYMPHOGRAPHY/ MALE/ *MYOCARDIAL INFARCT, complications/ *NAILS/ PIGMENTATION/ PREDNISOLONE, therapeutic use/ RADIOGRAPHY/ SYNDROME
4078. Scott JW, Widmer E, Meier W, et al: An efficient synthesis of 19-nor-9beta,10alpha steroids. *J Org Chem* 37:3183-4, 6 Oct 72
*ANDROSTENES, chem synthesis/ KETOSTEROIDS, chem synthesis/ METHODS/ *NORSTEROIDS, chem synthesis
4079. Scriver CR: Rickets and the pathogenesis of impaired tubular transport of phosphate and other solutes. *Am J Med* 57:43-9, Jul 74 (44 ref.)
AMINOACIDURIA, RENAL, blood/ AMINOACIDURIA, RENAL, urine/ ANIMAL EXPERIMENTS/ ANTIGENS/ BIOLOGICAL TRANSPORT/ CALCIUM, blood/ CALCIUM, urine/ EPITHELIUM, metabolism/ HUMAN/

AUTHOR SECTION

*KIDNEY TUBULES, metabolism/ MALE/
PARATHYROID HORMONE, blood/
PARATHYROID HORMONE, urine/
PHOSPHATES, blood/ *PHOSPHATES,
metabolism/ PHOSPHORUS, blood/
PHOSPHORUS, urine/ *RENAL TUBULAR
TRANSPORT, INBORN ERRORS, etiology/
RENAL TUBULAR TRANSPORT, INBORN
ERRORS, metabolism/ REVIEW/ *RICKETS,
VITAMIN D RESISTANT, complications/
RICKETS, VITAMIN D RESISTANT,
metabolism/ VITAMIN D, biosynthesis/
VITAMIN D DEFICIENCY, blood/ VITAMIN D
DEFICIENCY, complications/ VITAMIN D
DEFICIENCY, immunology/ VITAMIN D
DEFICIENCY, metabolism/ VITAMIN D
DEFICIENCY, urine

4080. Scuncio G, Cannella C, Grimaldi S, et al: Il punto
isoelettico della tireoglobulina umana.

Folia Endocrinol (Roma) 27:233-45, Apr 74 (Ita)
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ ENGLISH ABSTRACT/ HUMAN/
HYDROGEN-ION CONCENTRATION/
*ISOELECTRIC FOCUSING/ METHODS/
*THYROGLOBULIN/
ULTRACENTRIFUGATION

4081. Sealey JE, Gerten-Banes J, Laragh JH: The renin
system: Variations in man measured by
radioimmunoassay or bioassay.

Kidney Int 1:240-53, Apr 72
ANGIOTENSIN, analysis/ ANGIOTENSIN,
blood/ ANGIOTENSIN II/ ANIMAL
EXPERIMENTS/ ANTIBODY SPECIFICITY/
AORTA/ *BIOLOGICAL ASSAY/
COMPARATIVE STUDY/ CROSS REACTIONS/
DIET/ FEMALE/ HUMAN/ HYPERTENSION,
blood/ HYPERTENSION, RENAL, blood/
IODINE RADIOISOTOPES/ KIDNEY, secretion/
KINETICS/ NEOMYCIN, pharmacodynamics/
*RADIOIMMUNOASSAY/ RENAL ARTERY/
RENAL VEINS/ RENIN, blood/ RENIN,
secretion/ SODIUM, pharmacodynamics/
SODIUM, urine/ VENA CAVA, INFERIOR

4082. Seeliger G: Die Mundhöhle bei gestörtw
Vitaminstoffwechsel.

Zahnärztl Prax 25:161, 5 Apr 74 (Ger)
ASCORBIC ACID DEFICIENCY/ MOUTH
MUCOSA, pathology/ ORAL
MANIFESTATIONS/ RICKETS/ SPECIAL LIST
DENTAL/ VITAMIN A DEFICIENCY/
VITAMIN B DEFICIENCY

4083. Seeman P, Stalman A, Lee T, et al: The membrane
actions of tranquilizers in relation to
neuroleptic-induced parkinsonism and tardive
dyskinesia.

Adv Biochem Psychopharmacol 9:137-48, 1974 (74 ref.)
ANIMAL EXPERIMENTS/ CALCIUM,
metabolism/ CELL MEMBRANE, drug effects/
CELL MEMBRANE, metabolism/ DOPAMINE,
secretion/ ERYTHROCYTES, cytology/
FEEDBACK/ HEMOLYSIS, drug effects/
HUMAN/ LIPIDS/ MEMBRANES, drug effects/
MOLECULAR CONFORMATION/ *MOVEMENT
DISORDERS, chemically induced/ NERVE
BLOCK/ NEURAL TRANSMISSION, drug
effects/ *PARKINSONISM, chemically induced/
PHRENIC NERVE, drug effects/ PROTEINS/
PSYCHOSES, drug therapy/ RECEPTORS,
DRUG, drug effects/ REVIEW/ SODIUM,
metabolism/ SOLUBILITY/ SURFACE
PROPERTIES/ *TRANQUILIZING AGENTS,
adverse effects/ TRANQUILIZING AGENTS,
blood/ TRANQUILIZING AGENTS,
pharmacodynamics/ TRANQUILIZING AGENTS,
therapeutic use/ TYROSINE HYDROXYLASE,
analysis

4084. Segal M, Bloom FE: The action of norepinephrine in the
rat hippocampus. I. Iontophoretic studies.

Brain Res 72:79-97, 31 May 74
ACETYLCHOLINE, pharmacodynamics/
ACTION POTENTIALS/ ADENOSINE CYCLIC
3',5' MONOPHOSPHATE, pharmacodynamics/
ADENOSINE TRIPHOSPHATE,
pharmacodynamics/ AMINO ALCOHOLS,
pharmacodynamics/ AMINO BUTYRIC ACID,

pharmacodynamics/ AMINOPHYLLINE,
pharmacodynamics/ ANILIDES,
pharmacodynamics/ ANIMAL EXPERIMENTS/
DESIPRAMINE, pharmacodynamics/ DEXTRO
AMPHETAMINE, pharmacodynamics/
DIBENAMINE, pharmacodynamics/
DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ DOPAMINE,
pharmacodynamics/ DRUG SYNERGISM/
ELECTRIC STIMULATION/ GLUTAMATES,
pharmacodynamics/ *HIPPOCAMPUS, drug
effects/ HYDROXYDOPAMINE,
pharmacodynamics/ IONTOPHORESIS/ MALE/
NEURAL INHIBITION, drug effects/
*NEURAL TRANSMISSION, drug effects/
NOREPINEPHRINE, antagonists & inhibitors/
*NOREPINEPHRINE, pharmacodynamics/
PAPAVERINE, pharmacodynamics/
PHENTOLAMINE, pharmacodynamics/
PROPRANOLOL, pharmacodynamics/
PROSTAGLANDINS, pharmacodynamics/ RATS/
SEROTONIN, pharmacodynamics/ TYRAMINE,
pharmacodynamics

4085. Segal M, Bloom FE: The action of norepinephrine in the
rat hippocampus. II. Activation of the input pathway.

Brain Res 72:99-114, 31 May 74
*ACTION POTENTIALS, drug effects/
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ALKALOIDS,
pharmacodynamics/ AMINO BUTYRIC ACID,
pharmacodynamics/ ANILIDES,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CEREBRAL VENTRICLES, physiology/
DESIPRAMINE, pharmacodynamics/ DIOXOLES,
pharmacodynamics/ DOPA, pharmacodynamics/
ELECTRIC STIMULATION/ EVOKED
POTENTIALS/ *HIPPOCAMPUS, drug effects/
HYDROXYDOPAMINE, pharmacodynamics/
IONTOPHORESIS/ ISOQUINOLINES,
pharmacodynamics/ MALE/
METHYLTYROSINES, pharmacodynamics/
NEURAL INHIBITION, drug effects/ NEURAL
INTERCONNECTIONS, drug effects/ *NEURAL
TRANSMISSION, drug effects/
NOREPINEPHRINE, antagonists & inhibitors/
*NOREPINEPHRINE, pharmacodynamics/
PROSTAGLANDINS, pharmacodynamics/ RATS/
RESERPINE, pharmacodynamics

4086. Segall HD, Hassan G, Ling SM, et al: Suprasellar cysts
associated with isosexual precocious puberty.

Radiology 111:607-16, Jun 74
CEREBRAL ANGIOGRAPHY/ CHILD/ CHILD,
PRESCHOOL/ *CRANIOPHARYNGIOMA,
complications/ CRANIOPHARYNGIOMA,
radiography/ FEMALE/ HUMAN/ INFANT/
MALE/ PNEUMOENCEPHALOGRAPHY/
*PUBERTY, PRECOCIOUS, etiology/
VENTRICULOGRAPHY

4087. Segawa T, Nishio H: Proceedings: Release of 5-HT from
particulate fraction of rabbit duodenal mucous
membrane homogenates.

Jap J Pharmacol 24:Suppl:94, 1974
ANIMAL EXPERIMENTS/ *DUODENUM,
secretion/ IN VITRO/ *INTESTINAL
MUCOSA, secretion/ *SEROTONIN, secretion

4088. Segerson EC Jr, Ulberg LC, Martin JE, et al: Fertility in
ewes treated with luteinizing hormone-releasing
factor. Proc Soc Exp Biol Med 146:518-21, Jun 74

ANIMAL EXPERIMENTS/ ESTRUS, drug
effects/ FEMALE/ *FERTILITY, drug effects/
LH, blood/ *LH-FSH RELEASING HORMONE,
pharmacodynamics/ OVULATION, drug effects/
PROGESTERONE, pharmacodynamics/
RADIOIMMUNOASSAY/ SHEEP/ TIME
FACTORS

4089. Segre GV, Niall HD, Habener JF, et al: Metabolism of
parathyroid hormone: physiologic and clinical
significance. Am J Med 56:774-84, Jun 74 (30 ref.)

AMINO ACID SEQUENCE/ ANIMAL
EXPERIMENTS/ ANTIGENIC
DETERMINANTS/ BINDING SITES,
ANTIBODY/ CATTLE/ DOGS/ GEL
FILTRATION/ HUMAN/ HYDROLYSIS/
IODINE RADIOISOTOPES/ KINETICS/
METABOLIC CLEARANCE RATE/

AUTHOR SECTION

- PARATHYROID HORMONE, analysis/
PARATHYROID HORMONE, blood/
*PARATHYROID HORMONE, metabolism/
PEPTIDE FRAGMENTS, analysis/ PEPTIDE
FRAGMENTS, metabolism/
RADIOIMMUNOASSAY/ REVIEW/
STRUCTURE-ACTIVITY RELATIONSHIP
4090. Seguchi H, Hadziselimovic F: Zur Ultrastruktur der Kristalloide in den Spermatogonien und Sertolizellen normaler Kinderhoden.
Experientia 30:364-6, 15 Apr 74 (Ger)
AGE FACTORS/ CELL NUCLEUS/
CYTOPLASMIC GRANULES/ ENDOPLASMIC
RETICULUM/ ENGLISH ABSTRACT/ HUMAN/
MALE/ MICROSCOPY, ELECTRON/
MITOCHONDRIA/ *SERTOLI CELLS, cytology/
*SPERMATOZOA, cytology
4091. Seino Y, Goto Y, Taminato T, et al: Plasma insulin and glucagon responses to arginine in patients with thyroid dysfunction.
J Clin Endocrinol Metab 38:1136-40, Jun 74
ADULT/ ARGININE, administration & dosage/
*ARGININE, pharmacodynamics/ BLOOD
SUGAR, metabolism/ COMPARATIVE STUDY/
FEMALE/ *GLUCAGON, blood/ HUMAN/
*HYPERTHYROIDISM, blood/
*HYPOTHYROIDISM, blood/ *INSULIN, blood/
MALE/ MIDDLE AGE/ TIME FACTORS
4092. Seki K, Seki M, Okumura T: Serum FSH rise induced by CB-154 (2-Br-alpha-ergocryptine) in postpartum women. J Clin Endocrinol Metab 39:184-6, Jul 74
BROMINE, pharmacodynamics/ *ERGOT
ALKALOIDS, pharmacodynamics/ FEMALE/
*FSH, blood/ HUMAN/ *PUERPERIUM/
STIMULATION, CHEMICAL/ TIME FACTORS
4093. Sekiya A, Yamamoto J, Maekawa H: Proceedings: On the pressor action of propranolol in the rat. 5.
Jap J Pharmacol 24:Suppl:70, 1974
ANIMAL EXPERIMENTS/ *BLOOD
PRESSURE, drug effects/ ISOPROTERENOL,
pharmacodynamics/ *PROPRANOLOL,
pharmacodynamics/ VASOPRESSIN,
pharmacodynamics
4094. Sekiya S, Kikuchi Y, Takamizawa H: The effects of hormones and chemotherapeutic agents on rat uterine adenocarcinoma cells in tissue culture.
Am J Obstet Gynecol 119:675-80, 1 Jul 74
*ADENOCARCINOMA, pathology/ ANIMAL
EXPERIMENTS/ *ANTINEOPLASTIC AGENTS,
pharmacodynamics/ CHROMOMYCINS,
pharmacodynamics/ CLONE CELLS/
COMPARATIVE STUDY/ CULTURE MEDIA/
DRUG SYNERGISM/ *ESTRADIOL,
pharmacodynamics/ FEMALE/
FLUOROURACIL, pharmacodynamics/
MITOMYCIN, pharmacodynamics/
*PROGESTERONE, pharmacodynamics/
PUROMYCIN, pharmacodynamics/
*TESTOSTERONE, pharmacodynamics/ TISSUE
CULTURE/ *UTERINE NEOPLASMS, pathology
4095. Seidlin DW, Rector FC Jr: Symposium on acid-base homeostasis. The generation and maintenance of metabolic alkalosis.
Kidney Int 1:306-21, May 72 (66 ref.)
ALKALOSIS, congenital/ ALKALOSIS, drug
therapy/ ALKALOSIS, etiology/ *ALKALOSIS,
metabolism/ AMMONIA, metabolism/ ANIMAL
EXPERIMENTS/ BICARBONATES, blood/
BICARBONATES, metabolism/
BICARBONATES, urine/ DIARRHEA, etiology/
DIET, SALT-FREE, adverse effects/
DIURETICS, adverse effects/
EXTRACELLULAR SPACE, drug effects/
EXTRACELLULAR SPACE, metabolism/
GASTRIC LAVAGE, adverse effects/
GLOMERULAR FILTRATION RATE/ HUMAN/
HYDROCORTISONE, adverse effects/
HYDROGEN, secretion/ IONS/ KIDNEY
TUBULES, metabolism/ KIDNEY TUBULES,
secretion/ NEPHRONS, metabolism/
POTASSIUM, pharmacodynamics/ REVIEW/
SODIUM, metabolism/ SODIUM CHLORIDE,
pharmacodynamics/ SODIUM CHLORIDE,
therapeutic use/ VOMITING, complications
4096. Seleznev SA, Mazurkevich GS: K voprosu o tak nazyvaemom gematokrite organov.
Patol Fiziol Eksp Ter 10:87-90, May 74 (24 ref.) (Rus)
ADRENAL GLANDS/ ANIMAL
EXPERIMENTS/ BONE AND BONES/ BRAIN/
BRONCHIAL ARTERIES/ CARDIAC OUTPUT/
*HEMATOCRIT/ HEPATIC ARTERY/
INTESTINE, SMALL/ KIDNEY/
MATHEMATICS/ METHODS/ MUSCLES/
MYOCARDIUM/ REVIEW/ SERUM ALBUMIN,
RADIO-IODINATED, diagnostic use/ SKIN/
SPLEEN
4097. Selivanova LN, Koltunova IG, Vorob'eva EN: Ob obshchetskikh defitsitakh khlornoi kisloty.
Gig Tr Prof Zabol 17:33-5, Aug 73 (Rus)
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/
INJECTIONS, INTRAPERITONEAL/
INJECTIONS, SUBCUTANEOUS/ LETHAL
DOSE 50/ MICE/ PERCHLORIC ACIDS,
administration & dosage/ *PERCHLORIC
ACIDS, toxicity/ RATS/ THYROID GLAND,
drug effects
4098. Selivonenko VG: Soderzhanie nukleinykh kislot i sulfidnykh grupp v krvi pri tireotoksikoze.
Probl Endokrinol (Mosk) 20:90-2, Mar-Apr 74 (Rus)
ADULT/ ENGLISH ABSTRACT/ FEMALE/
HUMAN/ *HYPERTHYROIDISM, blood/
MALE/ MIDDLE AGE/ *NUCLEIC ACIDS,
blood/ SPECTROPHOTOMETRY/
*SULFHYDRYL COMPOUNDS, blood
4099. Sell S, Alexander D: Rat alpha fetoprotein. V. Catabolism and fetal-maternal distribution.
J Natl Cancer Inst 52:1483-9, May 74
AMNIOTIC FLUID, analysis/ ANIMAL
EXPERIMENTS/ FEMALE/ FETAL
GLOBULINS, analysis/ *FETAL GLOBULINS,
metabolism/ HALF-LIFE/ IODINE
RADIOISOTOPES/ LACTATION/
*MATERNAL-FETAL EXCHANGE/ PLACENTA,
metabolism/ PREGNANCY/
RADIOIMMUNOASSAY/ RATS/ SERUM
ALBUMIN, metabolism/ TIME FACTORS
4100. Selstam G, Nilsson L: Effect of human menopausal gonadotrophin on amino acid transport in the prepubertal rat ovary.
Acta Physiol Scand 90:798-800, Apr 74
*AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ CARBON RADIOISOTOPES/
FEMALE/ *FSH, pharmacodynamics/
HYPOPHYSECTOMY/ *LACTATES,
metabolism/ *MENOTROPINS,
pharmacodynamics/ *OVARY, drug effects/
OVARY, metabolism/ PITUITARY GLAND,
physiology/ RATS/ SHEEP/ STIMULATION,
CHEMICAL
4101. Selye H, Szabo S, Mécis I: Protection by catatonic steroids against the paralysis caused by combined treatment with thyroxine and methylphenidate.
Neuropharmacology 11:693-6, Sep 72
ANDROSTENOLS, pharmacodynamics/ ANIMAL
EXPERIMENTS/ *CATATOXIC STEROIDS,
pharmacodynamics/ DIPHENYLHYDANTOIN,
pharmacodynamics/ DRUG SYNERGISM/
ESTRADIOL, pharmacodynamics/
ETHYLESTRENOL, pharmacodynamics/
FEMALE/ HYDROXYSTEROIDS,
pharmacodynamics/ HYPERKINESIS, chemically
induced/ KETOSTEROIDS, pharmacodynamics/
METHYLPHENIDATE/ *METHYLPHENIDATE,
antagonists & inhibitors/ NORPREGNANES,
pharmacodynamics/ *PARALYSIS, chemically
induced/ PHENOBARBITAL,
pharmacodynamics/ PREDNISOLONE,
pharmacodynamics/ PREGNENOLONE
CARBONITRILE, pharmacodynamics/
PROGESTERONE, pharmacodynamics/
PROPIONATES, pharmacodynamics/ RATS/
RATS, INBRED STRAINS/
SPIRONOLACTONE, pharmacodynamics/
*THYROXINE, antagonists & inhibitors/
THYROXINE, pharmacodynamics
4102. Sembrowich WL, Ianuzzo CD, Saubert CW 4th, et al: Substrate mobilization during prolonged exercise in

AUTHOR SECTION

- 6-hydroxydopamine treated rats.
Pfluegers Arch 349:57-62, 24 May 74
ADIPOSE TISSUE, metabolism/ ADRENAL
GLANDS, physiology/ ANIMAL
EXPERIMENTS/ *EXERTION/ FATTY ACIDS,
NONESTERIFIED, blood/ FATTY ACIDS,
NONESTERIFIED, metabolism/ *GLYCOGEN,
metabolism/ *HYDROXYDOPAMINE,
pharmacodynamics/ *LIPID MOBILIZATION/
LIVER, metabolism/ MALE/ MUSCLES,
metabolism/ SYMPATHETIC NERVOUS
SYSTEM, physiology
4103. Semeshina TM: Soderzhanie RNK v razlichnykh
otdelakh golovnogogo mozgakrasnoschchekogo suslika v
techenie godovogo tsikla.
Ukr Biokhim Zh 45:702-5, Nov-Dec 73 (Rus)
ANIMAL EXPERIMENTS/ *BRAIN
CHEMISTRY/ CEREBRAL CORTEX, analysis/
ENGLISH ABSTRACT/ FRONTAL LOBE,
analysis/ HIBERNATION/ HIPPOCAMPUS,
analysis/ HISTOCYTOCHEMISTRY/
HYPOTHALAMUS, analysis/ MALE/
PERIODICITY/ PHOTOMETRY/ *RNA,
analysis/ *RODENTS, physiology/ *SEASONS
4104. Semmer JR, Diddle AW: Oral contraceptive medication
and glucose metabolism: long-term treatment.
South Med J 67:664-6, Jun 74
ADULT/ BLOOD SUGAR, analysis/
CHOLESTEROL, blood/ CLINICAL
RESEARCH/ *CONTRACEPTIVES, ORAL,
adverse effects/ DIABETES MELLITUS,
etiology/ DIABETES MELLITUS, familial &
genetic/ ETHINYL ESTRADIOL, adverse
effects/ FEMALE/ *GLUCOSE, metabolism/
GLUCOSE TOLERANCE TEST/ HUMAN/
MIDDLE AGE/ NORETHINDRONE, adverse
effects/ OBESITY, complications/
PREGNANCY/ TRIGLYCERIDES, blood
4105. Semprini ME, D'Amicis A, Mariani A: Effect of
monosodium glutamate on fetus and newborn mouse.
Nutr Metab 16:276-84, 1974
AGE FACTORS/ ANIMAL EXPERIMENTS/
ANIMAL NUTRITION/ BODY WEIGHT, drug
effects/ BRAIN, cytology/ *BRAIN, drug
effects/ BRAIN, embryology/ BRAIN,
metabolism/ CELL NUCLEUS, drug effects/
DIET/ DNA, metabolism/ FEMALE/
FERTILIZATION, drug effects/ GENETICS/
GLUTAMATES, administration & dosage/
*GLUTAMATES, pharmacodynamics/
LACTATION/ MALE/ NERVE TISSUE
PROTEINS, metabolism/ *REPRODUCTION,
drug effects/ RNA, metabolism/ SODIUM,
administration & dosage/ SODIUM,
pharmacodynamics/ VITAMINS, administration
& dosage
4106. Sen DK: Letter: Vaginal cytology in pregnancies
associated with congenital fetal defects.
Br Med J 2:277-8, 4 May 74
*ABNORMALITIES, diagnosis/ CELL
DIVISION/ EOSINOPHILS/ ESTRIOL, urine/
FEMALE/ HORMONES, analysis/ HUMAN/
PREGNANCY/ PRENATAL DIAGNOSIS/
*VAGINAL SMEARS
4107. Sen Gupta R, Das Gupta S, Guha A: X-ray diffraction
studies of phenyl thiohydantoins of amino acids.
Indian J Biochem Biophys 10:299-300, Dec 73
AMINO ACID SEQUENCE/ *AMINO ACIDS,
analysis/ *HYDANTOINS, analysis/
THIOHYDANTOINS/ X-RAY DIFFRACTION
4108. Senchik IuI, Pisugin II: Resnichki nefrosekretornykh
kletok supraopticheskogo i paraventrikularnogo
lader myshej i krysa.
Zh Evol Biokhim Fiziol 10:288-93, May 74 (Rus)
ANIMAL EXPERIMENTS/ *CILIA/ ENGLISH
ABSTRACT/ *HYPOTHALAMUS, cytology/
*MICE, anatomy & histology/ MICROSCOPY,
ELECTRON/ *NEUROSECRETORY SYSTEMS,
cytology/ *RATS, anatomy & histology/
*THALAMIC NUCLEI, cytology
4109. Senior BE: Radioimmunoassay of oestrone and
oestradiol in the peripheral plasma of the domestic
fowl in various physiological states and of
hypophysectomized and ovariectomized fowls.
Acta Endocrinol (Kbh) 75:133-40, Jan 74
ANIMAL EXPERIMENTS/ CASTRATION/
CATTLE/ CHARCOAL/ *CHICKENS/
*ESTRADIOL, blood/ *ESTRONE, blood/
ETHYL ETHERS/ FEMALE/ GEL
FILTRATION/ HYPOPHYSECTOMY/ IMMUNE
SERUMS/ OVULATION/
RADIOIMMUNOASSAY/ SERUM ALBUMIN,
BOVINE/ SHEEP, immunology/ TRITIUM
4110. Senn DG: Notes on the amphibian and reptilian
thalamus. Acta Anat (Basel) 87:555-96, 1974
*AMPHIBIA, anatomy & histology/ ANIMAL
EXPERIMENTS/ CELL DIFFERENTIATION/
CELL MOVEMENT/ DIENCEPHALON, anatomy
& histology/ EVOLUTION/ FROGS/
HYPOTHALAMUS, anatomy & histology/
LARVA, anatomy & histology/ LIZARDS,
anatomy & histology/ METAMORPHOSIS,
BIOLOGICAL/ *REPTILES, anatomy &
histology/ SALAMANDERS, anatomy &
histology/ SNAKES, anatomy & histology/
SPECIES SPECIFICITY/ SUPERIOR
COLLICULUS, anatomy & histology/
*THALAMUS, anatomy & histology/ TOADS,
anatomy & histology/ TURTLES, anatomy &
histology
4111. Seno N, Yamashiro S, Anno K: Isolation and
characterization of a new disaccharide disulfate:
2-acetamido-2-deoxy-3-O-(2- or
3-O-sulfo-beta-D-glucopyranosyluronic
acid)-4-O-sulfo-D-galactose.
Biochim Biophys Acta 343:423-6, 22 Apr 74
ACETAMIDES/ ANIMAL EXPERIMENTS/
CARTILAGE, analysis/ CELLULOSE/
CHONDROITIN/ CHROMATOGRAPHY, PAPER/
CRABS, analysis/ *DISACCHARIDES, isolation
& purification/ ELECTROPHORESIS/
ELECTROPHORESIS, PAPER/
GALACTOSAMINE, analysis/ GLUCURONATES,
analysis/ HYALURONIDASE/ KINETICS/
OPTICAL ROTATION/ *SULFURIC ACIDS,
isolation & purification/ TESTIS, enzymology/
TIME FACTORS
4112. Sergeev PV, Seifulla RD, Sultanov IA: Izmenenie
biosinteza ladernykh RNK pecheni pod vlianiem
gidrokortizona.
Farmakol Toksikol 26:452-4, Jul-Aug 73 (Rus)
ANIMAL EXPERIMENTS/ *CELL NUCLEUS,
metabolism/ CYTOPLASM, metabolism/
DOSE-RESPONSE RELATIONSHIP, DRUG/
ENGLISH ABSTRACT/ *HYDROCORTISONE,
pharmacodynamics/ *LIVER, metabolism/
MALE/ PHOSPHATES, metabolism/
PHOSPHORUS RADIOISOTOPES/ RATS/
*RNA, biosynthesis/ RNA, RIBOSOMAL,
biosynthesis/ TIME FACTORS
4113. Seropian E: Corticoterapia retard injectabilă
(betametazon dipropionat) în astmul bronșic.
Med Interna (Bucur) 26:487-96, Apr 74 (Rum)
*ASTHMA, drug therapy/ BETAMETHASONE,
administration & dosage/ *BETAMETHASONE,
therapeutic use/ *DELAYED-ACTION
PREPARATIONS/ ENGLISH ABSTRACT/
EVALUATION STUDIES/ FEMALE/ HUMAN/
INJECTIONS, INTRAMUSCULAR/ MALE
4114. Serra GB, Lafuenti G: Increased sensitivity and partial
refractoriness of the human pituitary to repeated
synthetic LH-RH stimulations.
Folia Endocrinol (Roma) 27:158-67, Apr 74
ADULT/ FEMALE/ HUMAN/ LH, blood/
*LH-FSH RELEASING HORMONE,
pharmacodynamics/ MALE/ *PITUITARY
GLAND, drug effects/ RADIOIMMUNOASSAY/
TIME FACTORS
4115. Serrera Contreras JL: Metabolismo de los estrógenos
en el síndrome adrenogenital.
Rev Iber Endocrinol 21:217-38, May 74 (Spa)
*ADRENOGENITAL SYNDROME, metabolism/
ADRENOGENITAL SYNDROME, urine/
ENGLISH ABSTRACT/ ESTRADIOL, urine/
ESTRIOL, urine/ *ESTROGENS, metabolism/
ESTRONE, urine/ FEMALE/ HUMAN/
17-HYDROXYCORTICOSTEROIDS, urine/

AUTHOR SECTION

- 17-KETOSTEROIDS, urine/ MALE/
PREGNANETRIOL, urine
4116. **Serrera Contreras JL, Molina Miró J, Astorga Jiménez R:** Respuesta paradójica a la doxametasona. Una aportación al diagnóstico diferencial de la hiperfunción suprarrenal.
Rev Iber Endocrinol 21:127-48, Mar-Apr 74 (Spa)
*ADRENAL GLAND DISEASES, diagnosis/
*ADRENAL GLAND HYPERFUNCTION, diagnosis/ ADRENAL GLAND NEOPLASMS, diagnosis/ ADRENAL GLANDS, drug effects/ ADULT/ CORTICOTROPIN, biosynthesis/ CORTICOTROPIN, diagnostic use/ *CUSHING'S SYNDROME, diagnosis/ *DEXAMETHASONE, diagnostic use/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERPLASIA, diagnosis/ METYRAPONE, diagnostic use/ PITUITARY-ADRENAL FUNCTION TESTS
4117. **Setoguti T, Esumi H, Shimizu T:** Specific organization of intracytoplasmic filaments in the dog testicular interstitial cell. Cell Tissue Res 148:493-7, 8 May 74
ANIMAL EXPERIMENTS/ CONNECTIVE TISSUE CELLS/ CYTOPLASM/ *DOGS, anatomy & histology/ ENDOPLASMIC RETICULUM/ GOLGI APPARATUS/ IN VITRO/ LIPIDS/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *TESTIS, cytology
4118. **Severi F, Colombo A, Pasquall F, et al:** Letter: Comment on Russell-Silver syndrome.
Pediatrics 54:119, Jul 74
ABNORMALITIES, MULTIPLE, familial & genetic/ *CRANIOFACIAL DYSOSTOSIS, familial & genetic/ *DWARFISM, congenital/ HUMAN/ KARYOTYPING/ MALE/ SYNDROME
4119. **Sexton TJ:** Oxidative metabolism of chicken semen and washed spermatozoa in the presence of various steroid hormones.
Comp Biochem Physiol [B] 47:799-804, 15 Apr 74
ACETATES, metabolism/ AEROBICOSIS/
*ANDROSTENOLS, pharmacodynamics/
ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CARBON RADIOISOTOPES/ CHICKENS/ COMPARATIVE STUDY/
*ESTRADIOL, pharmacodynamics/ GLUCOSE, metabolism/ GLYCOLYSIS, drug effects/ MALE/ *OXYGEN CONSUMPTION, drug effects/ *PROGESTERONE, pharmacodynamics/ SEMEN, drug effects/ *SEMEN, metabolism/ SPERMATOZOA, drug effects/
*SPERMATOZOA, metabolism/
*TESTOSTERONE, pharmacodynamics
4120. **Shafie MM, Mashaly MM:** Pre- and postnatal thyroid development in bovines.
Acta Anat (Basel) 87:615-34, 1974
AGE FACTORS/ ANIMAL EXPERIMENTS/ BUFFALOES/ CATTLE/ CELL DIFFERENTIATION/ CELL NUCLEUS, cytology/ EGYPT/ FEMALE/ MALE/ ORGAN WEIGHT/ SEX FACTORS/ SPECIES SPECIFICITY/ *THYROID GLAND/ THYROID GLAND, cytology/ THYROID GLAND, embryology/ THYROID GLAND, growth & development
4121. **Shah MS, Pellman C:** Ureteral obstruction caused by hemorrhagic corpus luteum cyst.
Urology 3:770-3, Jun 74
*CORPUS LUTEUM CYST, complications/
CORPUS LUTEUM CYST, pathology/
FEMALE/ *HEMORRHAGE, complications/
HUMAN/ HYSTERECTOMY/ OVARY, surgery/
POSTOPERATIVE COMPLICATIONS/
*URETERAL OBSTRUCTION, etiology/
UROGRAPHY
4122. **Shaikh AA, Klaiber EL:** Effects of sequential treatment with estradiol and PGF₂alpha on the length of the primate menstrual cycle.
Prostaglandins 6:253-62, 10 May 74
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, drug effects/ DEPRESSION, CHEMICAL/
*ESTRADIOL, administration & dosage/
ESTRADIOL, blood/ ESTRADIOL, pharmacodynamics/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ *MENSTRUATION, drug effects/ MONKEYS/ OVULATION, drug effects/ PROGESTERONE, blood/
PROGESTERONE, pharmacodynamics/
*PROSTAGLANDINS, administration & dosage/
PROSTAGLANDINS, blood/
PROSTAGLANDINS, pharmacodynamics/
RADIOIMMUNOASSAY/ TIME FACTORS
4123. **Shale DJ, Parlow AF, Hall R:** Proceedings: Evaluation of a rat thyrotrophin radioimmunoassay and its applications. N Engl J Med 291:xlxl, 11 Jun 74
ANIMAL EXPERIMENTS/ CROSS REACTIONS/ FEMALE/ MALE/ RABBITS, immunology/ RADIOIMMUNOASSAY/
*THYROTROPIN, blood/ THYROTROPIN RELEASING HORMONE, pharmacodynamics/
TRIIODOTHYRONINE, pharmacodynamics
4124. **Shami Y, Messer HH, Copp DH:** Calcium binding to placental plasma membranes as measured by rate of diffusion in a flow dialysis system.
Biochim Biophys Acta 339:323-33, 29 Mar 74
ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL TRANSPORT, ACTIVE/
*CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CALCIUM RADIOISOTOPES/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, metabolism/ DIALYSIS/ DIFFUSION/ EVALUATION STUDIES/ FEMALE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MAGNESIUM, pharmacodynamics/ METHODS/ PLACENTA, cytology/ PLACENTA, drug effects/
*PLACENTA, metabolism/ *RECEPTORS, DRUG, drug effects/ STRONTIUM, pharmacodynamics/ TIME FACTORS
4125. **Shapiro I, Gorlin RJ:** X-linked choroidal sclerosis. A stage of choroideremia. Minn Med 57:259-62, Apr 74
ADULT/ CHILD, PRESCHOOL/ *CHOROID/ EYE DISEASES, diagnosis/ EYE DISEASES, familial & genetic/ FEMALE/ FLUORESCENCE ANGIOGRAPHY/ FUNDUS OCULI/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ PEDIGREE/ SCLEROSIS, diagnosis/
*SCLEROSIS, familial & genetic/ *SEX CHROMOSOMES/ VISUAL ACUITY
4126. **Shapiro MS:** Dinamika prochnosti kleevoogo soedineniia kostei i sukhozhili.
Ortop Travmatol Protez 34:42-5, Dec 73 (Rus)
ANIMAL EXPERIMENTS/ *BONE AND BONES, surgery/ BONE REGENERATION/
*CYANOACRYLATES/ DOGS/ ENGLISH ABSTRACT/ HINDLIMB/ METHODS/ SUTURE TECHNIQS/ TENDON TRANSFER/ *TENDONS, surgery/ TIBIA, transplantation/
TRANSPLANTATION, HOMOLOGOUS
4127. **Shapiro SS, Sherman MI:** Sulfated mucopolysaccharides of midgestation embryonic and extraembryonic tissues of the mouse.
Arch Biochem Biophys 162:272-80, May 74
ANIMAL EXPERIMENTS/ CHONDROITIN/
*CHONDROITIN, biosynthesis/
CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ ELECTROPHORESIS, PAPER/
*EMBRYO, metabolism/ FEMALE/ GESTATIONAL AGE/ LIVER, metabolism/
LUNG, metabolism/ LYASES/ MALE/ MICE/ MICE, INBRED STRAINS/
MUCOPOLYSACCHARIDES, biosynthesis/
MUSCLES, metabolism/ MYOCARDIUM, metabolism/ PLACENTA, metabolism/
PREGNANCY/ SULFUR RADIOISOTOPES/
SULFURIC ACIDS, metabolism/ TIME FACTORS/ TROPHOBLAST, metabolism/
VITELLINE MEMBRANE, metabolism
4128. **Shapiro WR:** The action of corticosteroid hormones in an experimental brain tumour model.
Afr J Med Sci 4:351-8, Oct 73
ANIMAL EXPERIMENTS/ *BRAIN NEOPLASMS, drug therapy/ BRAIN NEOPLASMS, metabolism/
DEXAMETHASONE, therapeutic use/
*DISEASE MODELS, ANIMAL/ DNA,

AUTHOR SECTION

NEOPLASM, biosynthesis/ *EPENDYMOMA, drug therapy/ EPENDYMOMA, metabolism/ *METHYLPREDNISOLONE, therapeutic use/ *NEOPLASMS, EXPERIMENTAL, drug therapy

4129. Sharkevich IN, Fisun SD: Sravnitel'noe izuchenie polazatelei uglevodnogo i zhirovogo obmena v syvorotke krovi gonadektomirovannykh drollkov s alloksanovym diabetom.

Probl Endokrinol (Mosk) 20:97-100, Mar-Apr 74 (Rus)

*ALLOXAN DIABETES, blood/ ANIMAL EXPERIMENTS/ *BLOOD SUGAR, analysis/ CASTRATION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FATTY ACIDS, NONESTERIFIED, blood/ GLUCOSE TOLERANCE TEST/ MALE/ RABBITS/ *TESTIS, physiology

4130. Sharov BK, Grebnev BI, Alekseev IF, et al: Rastrovoe fotoakennirovanie v klinicheskoi praktike. Med Radiol (Mosk) 18:33-8, Oct 73 (Rus)

ECHINOCOCCOSIS, HEPATIC, diagnosis/ ENGLISH ABSTRACT/ HEPATITIS, diagnosis/ HUMAN/ LIVER CIRRHOSIS, diagnosis/ *LIVER DISEASES, diagnosis/ METHODS/ *RADIOISOTOPE SCANNING, instrumentation/ *THYROID DISEASES, diagnosis/ *TUBERCULOSIS, RENAL, diagnosis

4131. Sharov VK: Metodika diagnosticheskogo pnevmoretroperitoneuma.

Khirurgia (Mosk) 50:118-9, Mar 74 (Rus)

ADRENAL GLAND DISEASES, radiography/ HUMAN/ KIDNEY NEOPLASMS, radiography/ METHODS/ PANCREATIC NEOPLASMS, radiography/ RETROPERITONEAL NEOPLASMS, radiography/ *RETROPNEUMOPERITONEUM

4132. Sharp PJ: Proceedings: A comparison of circulating levels of luteinizing hormone in intact and gonadectomized growing fowl.

J Endocrinol 61:8, Apr 74

ANIMAL EXPERIMENTS/ *CASTRATION/ *CHICKENS, growth & development/ FEMALE/ *LH, blood/ MALE/ PUBERTY/ RADIOIMMUNOASSAY/ SEX FACTORS

4133. Shashkina LF, Terekhina AI, Savateeva ZV: K toksikologicheskoi kharakteristike poluproduktov steroidnykh gormonov.

Gig Tr Prof Zabol 18:32-6, Feb 74 (Rus)

ACETATES, administration & dosage/ ACETATES, toxicity/ ANIMAL EXPERIMENTS/ *DEHYDROEPIANDROSTERONE, toxicity/ DRUG INDUSTRY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ MALE/ OCCUPATIONAL DISEASES, chemically induced/ PREGNENOLONE, administration & dosage/ *PREGNENOLONE, toxicity/ SKIN, drug effects/ SKIN ABSORPTION

4134. Shenolikar IS: Protein nutrition and calcium absorption. Nutr Metab 16:10-4, 1974

AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CALCIUM CHLORIDE, metabolism/ CALCIUM RADIOISOTOPES/ COMPARATIVE STUDY/ *DIETARY PROTEINS, administration & dosage/ DUODENUM, metabolism/ IN VITRO/ INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, metabolism/ *INTESTINE, SMALL, metabolism/ INTUBATION, GASTROINTESTINAL/ MALE/ SEROUS MEMBRANE, metabolism

4135. Shepard TH: Teratogenicity from drugs--an increasing problem. DM 1-32, Jun 74

*ABNORMALITIES, DRUG-INDUCED, diagnosis/ ABNORMALITIES, DRUG-INDUCED, prevention & control/ ADRENAL CORTX HORMONES, adverse effects/ ALCOHOL, ETHYL, adverse effects/ AMINOPTERIN, adverse effects/ AMNIOCENTESIS/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, adverse effects/ AZATHIOPRINE, adverse effects/

AZAURIDINE, adverse effects/ BUSULFAN, adverse effects/ CHLORAMBUCIL, adverse effects/ COLCHICINE, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ CYCLOPHOSPHAMIDE, adverse effects/ DIETHYLSTILBESTROL, adverse effects/ FEMALE/ FETUS, radiation effects/ GENOTYPE/ HUMAN/ IODINE RADIOISOTOPES, adverse effects/ MERCAPTOPYRINE, adverse effects/ METHOTREXATE, adverse effects/ MICE/ NITROGEN MUSTARD COMPOUNDS, adverse effects/ PHENOTYPE/ PREGNANCY/ PREGNANCY, ANIMAL/ PRENATAL DIAGNOSIS/ RADIATION GENETICS/ RATS/ SPECIES SPECIFICITY/ THALIDOMIDE, adverse effects/ TRANQUILIZING AGENTS, adverse effects

4136. Sheppard H, Tsien WH: The effect of slow freezing and hypertonic NaCl on the hydrolytic activity of rat erythrocyte cyclic AMP phosphodiesterase and its sensitivity to the inhibitor, D,L-4-(3-butoxy-4-methoxybenzyl)-2-imidazolidinone.

Biochim Biophys Acta 341:489-96, 25 Apr 74

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ANIMAL EXPERIMENTS/ BINDING SITES/ COMPARATIVE STUDY/ DITHIOTHREITOL, pharmacodynamics/ DRUG STABILITY/ ENZYME ACTIVATION/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, enzymology/ FREEZING/ *IMIDAZOLES, pharmacodynamics/ KINETICS/ OSMOLAR CONCENTRATION/ PHOSPHODIESTERASES, antagonists & inhibitors/ *PHOSPHODIESTERASES, blood/ PROTEIN BINDING/ *SODIUM CHLORIDE, pharmacodynamics/ TIME FACTORS/ TRITIUM

4137. Sheridan PJ, Sar M, Stumpf WE: Cellular and subcellular localization of 3H-oestradiol in the oviduct and uterus of the neonatal rat.

Acta Endocrinol (Kbh) 76:570-5, Jul 74

ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CELL NUCLEUS, analysis/ CONNECTIVE TISSUE CELLS, analysis/ DEPRESSION, CHEMICAL/ *ESTRADIOL, analysis/ ESTRADIOL, pharmacodynamics/ *FALLOPIAN TUBES, analysis/ FEMALE/ MUSCLES, analysis/ RECEPTORS, HORMONE/ STANOLONE, pharmacodynamics/ TRITIUM/ *UTERUS, analysis

4138. Sherman BM, Korenman SG: Measurement of serum LH, FSH, estradiol and progesterone in disorders of the human menstrual cycle: the inadequate luteal phase. J Clin Endocrinol Metab 39:145-9, Jul 74

*AMENORRHEA, blood/ AMENORRHEA, physiopathology/ *CORPUS LUTEUM, physiopathology/ CORPUS LUTEUM, secretion/ *ESTRADIOL, blood/ FEMALE/ *FSH, blood/ HIRSUTISM, complications/ HUMAN/ *LH, blood/ MENSTRUATION/ OBESITY, complications/ *PROGESTERONE, blood/ PROGESTERONE, secretion/ TIME FACTORS

4139. Sherrard DJ, Baylink DJ, Wergedal JE, et al: Quantitative histological studies on the pathogenesis of uremic bone disease.

J Clin Endocrinol Metab 39:119-35, Jul 74

BIOPSY/ *BONE AND BONES, pathology/ BONE DEVELOPMENT/ *BONE DISEASES, etiology/ BONE DISEASES, pathology/ BONE RESORPTION, pathology/ CALCIUM, blood/ FEMALE/ HUMAN/ MALE/ OSTEITIS FIBROSA CYSTICA, pathology/ OSTEOMALACIA, pathology/ PARATHYROID HORMONE, secretion/ TIME FACTORS/ *UREMIA, complications

4140. Sherwood CD, O'Byrne EM: Purification and characterization of porcine relaxin.

Arch Biochem Biophys 160:185-96, Jan 74

AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ DISULFIDES/ ELECTRIC CONDUCTIVITY/ ELECTROPHORESIS, DISC/ FEMALE/ GEL FILTRATION/ GUANIDINES/

AUTHOR SECTION

- GUINEA PIGS/ HYDROXYAPATITE/
ISOELECTRIC FOCUSING/ MICE/
MOLECULAR WEIGHT/ OVARY, analysis/
PREGNANCY/ PROTEIN CONFORMATION/
PUBIC SYMPHYSIS, drug effects/ *RELAXIN,
isolation & purification/ RELAXIN,
pharmacodynamics/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ SWINE/
ULTRACENTRIFUGATION
4141. Sheth KJ, Liu CC, Good TA: Short-term
cyclophosphamide in corticosteroid treated
childhood nephrosis. *Wis Med J* 73:55-60, May 74
ADMINISTRATION, ORAL/ *ADRENAL
CORTEX HORMONES,
administration & dosage/ CHILD/ CHILD,
PRESCHOOL/ *CYCLOPHOSPHAMIDE,
administration & dosage/
CYCLOPHOSPHAMIDE, adverse effects/
CYCLOPHOSPHAMIDE, therapeutic use/
HUMAN/ INFANT/ *NEPHROTIC SYNDROME,
drug therapy/ PROTEINURIA, drug therapy/
RECURRENCE/ REMISSION/ TIME FACTORS
4142. Sheu YS, Nelson JP, Bloom FE: Discharge patterns of
cat raphe neurons during sleep and waking.
Brain Res 73:263-76, 20 Jun 74
ACTION POTENTIALS/ ANIMAL
EXPERIMENTS/ CATS/ COMPUTERS,
DIGITAL/ ELECTRODES, IMPLANTED/
ELECTROENCEPHALOGRAPHY/
ELECTROMYOGRAPHY/
ELECTROOCULOGRAPHY/ *MEDULLA
OBLONGATA, physiology/ NEURAL
TRANSMISSION/ *PONS, physiology/
SEROTONIN/ *SLEEP/ SLEEP, REM/ SLEEP
STAGES/ *WAKEFULNESS
4143. Shevah Y, Black WJ, Carr WR, et al: The effect of
lactation on the resumption of reproductive activity
and the preOVULATORY RELEASE OF LH in Finn x
Dorset ewes. *J Reprod Fertil* 38:369-78, Jun 74
ANIMAL EXPERIMENTS/ ANIMAL
NUTRITION/ BODY WEIGHT/ CORPUS
LUTEUM/ ESTRUS/ FATTY ACIDS,
NONESTERIFIED, blood/ FEMALE/ IMMUNE
SERUMS/ LABOR/ LACTATION/
LAPAROSCOPY/ LH, blood/ *LH, secretion/
OVULATION/ PROGESTERONE,
pharmacodynamics/ RADIOIMMUNOASSAY/
REPRODUCTION/ *SHEEP, physiology
4144. Shida K, Ito Z: [Precocious puberty: urological aspect]
Clin Endocrinol (Tokyo) 22:198-9, Jan 74 (Jap)
ADOLESCENCE/ CHILD/ HUMAN/ MALE/
*PUBERTY, PRECOCIOUS, therapy
4145. Shiffman NJ, Stecker E, Conen PE, et al: Males with
chronic myeloid leukemia and the 45, XO, Phl
chromosome pattern.
Can Med Assoc J 110:1151-4, 18 May 74
ADULT/ *CHROMOSOME ABERRATIONS/
*CHROMOSOMES, HUMAN, 21-22/ HUMAN/
KARYOTYPING/ *LEUKEMIA, MYELOCYTIC,
familial & genetic/ LEUKEMIA,
MYELOCYTIC, mortality/ MALE/ MIDDLE
AGE/ *SEX CHROMOSOMES/ SEX FACTORS
4146. Shikita M, Hall PF: The stoichiometry of the
conversion of cholesterol and hydroxycholesterols to
pregnenolone (3beta-hydroxypregn-5-en-20-one)
catalysed by adrenal cytochrome P-450.
Proc Natl Acad Sci USA 71:1441-5, Apr 74
ADRENAL GLANDS, cytology/ *ADRENAL
GLANDS, enzymology/ ANIMAL
EXPERIMENTS/ CARBON ISOTOPES/
CATALYSIS/ CATTLE/ *CHOLESTEROL,
metabolism/ *CYTOCHROME P-450,
metabolism/ FERREDOXINS, metabolism/
HYDROGEN-ION CONCENTRATION/
HYDROXYLATION/ MITOCHONDRIA,
enzymology/ MODELS, CHEMICAL/ NADH,
NADPH OXIDOREDUCTASES, metabolism/
OXYGEN CONSUMPTION/ *PREGNENOLONE,
biosynthesis
4147. Shilina VF: Vliianie lindana na sodержanie serotina v
krovi i tkaniakh belykh krys.
Farmatsia 22:687-8, Nov-Dec 73 (Rus)
ANIMAL EXPERIMENTS/ *BENZENE
- HEXACHLORIDE, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
ENGLISH ABSTRACT/ MALE/ RATS/
*SEROTONIN, analysis/ TIME FACTORS
4148. Shima S, Mitsunaga M, Kawashima Y, et al: Studies on
cyclic nucleotides in the adrenal gland. 3. Properties
of cyclic AMP- and GMP-dependent protein kinases in
the adrenal gland.
Biochim Biophys Acta 341:56-64, 21 Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ADENOSINE TRIPHOSPHATE/ ADRENAL
GLANDS, drug effects/ *ADRENAL GLANDS,
enzymology/ ADRENAL MEDULLA, drug
effects/ ADRENAL MEDULLA, enzymology/
ANIMAL EXPERIMENTS/ CATTLE/
CHROMATOGRAPHY, DEAE-CELLULOSE/
COMPARATIVE STUDY/ GUANOSINE CYCLIC
3',5' MONOPHOSPHATE/ *GUANOSINE
CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ HISTONES/ KINETICS/
ORGAN SPECIFICITY/ PHOSPHORUS
RADIOISOTOPES/ *PROTEIN KINASE,
metabolism/ THYMUS GLAND/ TRITIUM
4149. Shima S, Nakao T: Proceedings: Studies on cyclic
nucleotides in the adrenal gland. V. Adenyl and guanyl
cyclase activities in the cortex and medulla of the
adrenal gland. *Jap J Pharmacol* 24:Suppl:46, 1974
*ADENYL CYCLASE, metabolism/ *ADRENAL
GLANDS, enzymology/ *ADRENAL MEDULLA,
enzymology/ ANIMAL EXPERIMENTS/
*GUANYL CYCLASE, metabolism
4150. Shimada K: Effect of hypoglycemia induced by insulin
on the depth EEG in the chicken.
Gen Comp Endocrinol 23:136-42, Jun 74
ANIMAL EXPERIMENTS/ *BLOOD SUGAR/
*BRAIN, physiology/ *CHICKENS, physiology/
ELECTRODES, IMPLANTED/
ELECTROENCEPHALOGRAPHY/ GLUCOSE,
pharmacodynamics/ HYPNOSIS/
HYPOGLYCEMIA, chemically induced/
HYPOTHALAMUS, physiology/ INSULIN/
MALE/ STEREOTAXIC TECHNIQS
4151. Shimamura T, Sasaki S, Nakano M: Effect of exogenous
adenosine cyclic 3'-5'-monophosphate on
antibody-producing cells in vivo and in vitro.
Jap J Microbiol 17:530-2, Nov 73
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ANIMAL EXPERIMENTS/ *ANTIBODY
PRODUCING CELLS, drug effects
4152. Shimazaki J, Oki Y, Kurihara H, et al: Solubilization of
testosterone 5 alpha-reductase from nuclear fraction
of rat ventral prostate.
Endocrinol Jap 20:489-95, Oct 73
ANIMAL EXPERIMENTS/ CELL
FRACTIONATION/ *CELL NUCLEUS,
enzymology/ DEOXYRIBONUCLEASE,
pharmacodynamics/ ELECTROPHORESIS/
HYDROGEN-ION CONCENTRATION/ MALE/
NADP, pharmacodynamics/
*OXIDOREDUCTASES, metabolism/
PHOSPHOLIPASE, pharmacodynamics/
*PROSTATE, enzymology/ SOLUBILITY/
TESTOSTERONE
4153. Shimazaki J, Taguchi I, Yamanaka H, et al: Effect of
testosterone administration on the free amino acids
and conversion of arginine to proline and glutamate in
the rat ventral prostate.
Endocrinol Jap 20:455-62, Oct 73
AMINO ACIDS, blood/ *AMINO ACIDS,
metabolism/ ANIMAL EXPERIMENTS/
*ARGININE, metabolism/ CARBON
RADIOISOTOPES/ CASTRATION/
*GLUTAMATES, metabolism/ INJECTIONS,
SUBCUTANEOUS/ MALE/ *PROLINE,
metabolism/ *PROSTATE, metabolism/
TESTOSTERONE, administration & dosage/
*TESTOSTERONE, pharmacodynamics
4154. Shimizu H: Proceedings: Pharmacological aspect of
enzymes related to cyclic AMP.
Jap J Pharmacol 24:Suppl:22, 1974

AUTHOR SECTION

*ADENOSINE CYCLIC 3',5'

MONOPHOSPHATE, metabolism/ *ADENYL
CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ PROTEIN KINASE,
metabolism

4155. Shimizu N: [Aldosteronism]
Cln Endocrinol (Tokyo) 22:50-1, Jan 74 (Jap)
HUMAN/ *HYPERALDOSTERONISM, therapy

4156. Shimizu T, Fujisaki T, Koja T, et al: Proceedings:
Fundamental studies on acupuncture-anesthesia. 2.
Jap J Pharmacol 24:Suppl:102, 1974
*ACUPUNCTURE/ *ANESTHESIA/ ANIMAL
EXPERIMENTS/ *BRAIN CHEMISTRY/
HYDROXYTRYPTOPHAN, analysis/ MALE/
SEROTONIN, analysis

4157. Shimizu T, Shishiba Y: Normal serum triiodothyronine
concentration and the lack of TSH response to TRH in
patients with euthyroid Graves' disease.
Endocrinol Jap 20:527-8, Oct 73
ANTIBODIES, analysis/ FEMALE/ *GOITER,
EXOPHTHALMIC, blood/
HEMAGGLUTINATION TESTS/ HUMAN/ IGG,
analysis/ IODINE RADIOISOTOPES/
RADIOIMMUNOASSAY/ THYROGLOBULIN/
*THYROTROPIN, blood/ *THYROTROPIN
RELEASING HORMONE, pharmacodynamics/
THYROXINE, administration & dosage/
*TRIIODOTHYRONINE, blood

4158. Shimo Y, Sakato M: Proceedings: Effects of
prostaglandin E on the inhibitory responses of taenia
coli produced by electrical stimulation.
Jap J Pharmacol 24:Suppl:32, 1974
ANIMAL EXPERIMENTS/ *COLON,
physiology/ ELECTRIC STIMULATION/
MALE/ NEURAL TRANSMISSION, drug
effects/ *PROTAGLANDINS,
pharmacodynamics

4159. Shinkman PG, Bruce CJ, Pfingst BE: Operant
conditioning of single-unit response patterns in visual
cortex. Science 184:1194-6, 14 Jun 74
ANIMAL EXPERIMENTS/ CATS/
*CONDITIONING, OPERANT/ ELECTRIC
STIMULATION/
ELECTROENCEPHALOGRAPHY/ EVOKED
POTENTIALS/ HYPOTHALAMUS, physiology/
IMMOBILIZATION/ *NEURONS, physiology/
PHOTIC STIMULATION/ REINFORCEMENT
(PSYCHOLOGY)/ SELF STIMULATION/
STEREOTAXIC TECHNIQS/ *VISUAL
CORTEX, physiology

4160. Shirai M, Sasaki K, Rikimaru A: A histochemical
investigation of the distribution of adrenergic and
cholinergic nerves in the human male genital organs.
Tohoku J Exp Med 111:281-91, Nov 73
ACETYLCHOLINESTERASE, analysis/
CATECHOLAMINES, analysis/ EPIDIDYMI,
innervation/ *GENITALIA, MALE, innervation/
HISTOCYTOCHEMISTRY/ HUMAN/ MALE/
*PARASYMPATHETIC NERVOUS SYSTEM,
anatomy & histology/ PROSTATE, innervation/
*SYMPATHETIC NERVOUS SYSTEM, anatomy
& histology/ TESTIS, innervation/ VAS
DEFERENS, innervation

4161. Shishiba Y: [Endocrine myopathy]
Cln Endocrinol (Tokyo) 22:56-8, Jan 74 (Jap)
*ENDOCRINE DISEASES, complications/
HUMAN/ HYPERTHYROIDISM, complications/
*MUSCULAR DISEASES, etiology/ MUSCULAR
DISEASES, therapy/ MYASTHENIA GRAVIS,
etiology

4162. Shizgal HM, Kurtz RS, Wood CD: Total body potassium
in surgical patients. Surgery 75:900-907, Jun 74
ANIMAL EXPERIMENTS/ *BODY
COMPOSITION/ BODY WATER/ DOGS/
HUMAN/ MATHEMATICS/ *PARENTERAL
FEEDING/ *POTASSIUM, metabolism/
POTASSIUM DEFICIENCY, etiology/
RADIOISOTOPE DILUTION TECHNIC/
REGRESSION ANALYSIS/ SEPTICEMIA,
complications/ SEPTICEMIA, metabolism/
SODIUM, metabolism/ SODIUM ISOTOPES/
STARVATION, complications/ STARVATION,

metabolism/ *SURGERY, OPERATIVE/
TRITIUM/ UREMIA, metabolism/
VASOPRESSIN, pharmacodynamics

4163. Shizume K: [Anterior pituitary insufficiency]
Cln Endocrinol (Tokyo) 22:2-5, Jan 74 (Jap)
ADULT/ CHILD/ FEMALE/ HUMAN/
*HYPOPITUITARISM, drug therapy/ MALE/
PITUITARY HORMONES, ANTERIOR,
secretion

4164. Shock NW: Current publications in gerontology and
geriatrics. J Gerontol 29:468-86, Jul 74
*AGING/ *BIBLIOGRAPHY/ BLOOD
CHEMICAL ANALYSIS/ BLOOD
COAGULATION/ CARDIOVASCULAR SYSTEM,
physiology/ CONNECTIVE TISSUE, physiology/
ENDOCRINE GLANDS, physiology/
GASTROINTESTINAL SYSTEM, physiology/
*GERIATRICS/ HUMAN/ HYGIENE/ KIDNEY,
physiology/ LONGEVITY/ MENTAL
PROCESSES/ METABOLISM/
MUSCULOSKELETAL SYSTEM, physiology/
NERVOUS SYSTEM, physiology/
PHYSIOLOGY, COMPARATIVE/
RESPIRATORY SYSTEM, physiology/
SOCIOECONOMIC FACTORS/ UROGENITAL
SYSTEM, physiology

4165. Shome B, Parlow AF: Human follicle stimulating
hormone: first proposal for the amino acid sequence
of the hormone-specific, beta subunit (hFSHb).
J Cln Endocrinol Metab 39:203-5, Jul 74
*AMINO ACID SEQUENCE/
CHROMATOGRAPHY, PAPER/
CHROMATOGRAPHY, THIN LAYER/
ELECTROPHORESIS, PAPER/ *FSH, analysis/
HUMAN

4166. Shome B, Parlow AF: Human follicle stimulating
hormone (hFSH): first proposal for the amino acid
sequence of the alpha-subunit (hFSHa) and first
demonstration of its identity with the alpha-subunit
of human luteinizing hormone (hLHa).
J Cln Endocrinol Metab 39:199-202, Jul 74
*AMINO ACID SEQUENCE/
CHROMATOGRAPHY, DEAE-CELLULOSE/
CHROMATOGRAPHY, PAPER/
CHROMATOGRAPHY, THIN LAYER/
ELECTROPHORESIS, PAPER/ *FSH, analysis/
GEL FILTRATION/ HUMAN/ *LH, analysis

4167. Shore B, Shore V: An apolipoprotein preferentially
enriched in cholesteryl ester-rich very low density
lipoproteins.
Biochem Biophys Res Commun 58:1-7, 7 May 74
AMINO ACIDS, analysis/ ANIMAL
EXPERIMENTS/ *APOPROTEINS, blood/
ARGININE/ CENTRIFUGATION, DENSITY
GRADIENT/ *CHOLESTEROL, blood/
CHOLESTEROL, DIETARY/
CHROMATOGRAPHY, DEAE-CELLULOSE/
CHROMATOGRAPHY, THIN LAYER/
CIRCULAR DICHROISM/ COMPARATIVE
STUDY/ ELECTROPHORESIS/
ELECTROPHORESIS, DISC/ FEMALE/
HUMAN/ HYPERCHOLESTEREMIA, blood/
HYPERLIPEMIA, ESSENTIAL FAMILIAL,
blood/ HYPOTHYROIDISM, blood/
LIPOPROTEINS, LDL, blood/
*LIPOPROTEINS, VLDL, blood/ MALE/
PHENOTYPE/ POLYSACCHARIDES/
RABBITS/ TIME FACTORS/ TRIGLYCERIDES,
blood

4168. Show TB, Brown JA: Proceedings: An (Xq+; 9p-)
translocation suggests the assignment of G6PD,
HPRT, and PGK to the long arm of the X chromosome
in somatic cell hybrids.
Cytogenet Cell Genet 13:146-9, 1974
ANIMAL EXPERIMENTS/ *CHROMOSOME
ABERRATIONS/ *CHROMOSOME MAPPING/
*CHROMOSOMES, HUMAN, 6-12/ CLONE
CELLS, enzymology/ *GLUCOSEPHOSPHATE
DEHYDROGENASE/ HUMAN/ HYBRID CELLS,
enzymology/ MICE/
*PENTOSYLTRANSFERASES/
*PHOSPHOGLYCERATE KINASE/ *SEX
CHROMOSOMES

AUTHOR SECTION

4169. Shuangshoti S, Panyathanya R, Wichlenkur P: Intracranial metastases from unsuspected choriocarcinoma. Onset suggestive of cerebrovascular disease. Neurology (Minneapolis) 24:649-54, Jul 74
BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, pathology/ BRAIN NEOPLASMS, urine/ CEREBRAL HEMORRHAGE, etiology/ CHORIOCARCINOMA, complications/ *CHORIOCARCINOMA, diagnosis/ CHORIOCARCINOMA, pathology/ CHORIOCARCINOMA, urine/ FEMALE/ *FRONTAL LOBE/ GONADOTROPINS, urine/ HUMAN/ LUNG NEOPLASMS, diagnosis/ LUNG NEOPLASMS, pathology/ LUNG NEOPLASMS, urine/ NEOPLASM METASTASIS/ *PARIETAL LOBE/ THAILAND
4170. Shvartsman PY, Bondarenko LV, Vanyan LA, et al: Fractionated action of ethylenimine on the rate of mutation in *Drosophila melanogaster*. Sov Genet 8:64-70, Jan 72
ANIMAL EXPERIMENTS/ *DROSOPHILA MELANOGASTER, drug effects/ DROSOPHILA MELANOGASTER, radiation effects/ FEMALE/ GENES, LETHAL/ IMINES, administration & dosage/ *IMINES, pharmacodynamics/ MALE/ MUTAGENS/ *MUTATION/ PROBABILITY/ RADIATION GENETICS/ SEX CHROMOSOMES, drug effects/ SPERMATOZOA, drug effects/ TIME FACTORS
4171. Sicard RE: The effect of hypophysectomy upon cholinesterase activity in the forelimbs of regenerating adult *Notophthalmus* newbs. Dev Biol 32:214-8, May 73
ANIMAL EXPERIMENTS/ *CHOLINESTERASE, metabolism/ *FORELIMB, enzymology/ HYPOPHYSECTOMY/ *PITUITARY GLAND, physiology/ *REGENERATION/ SALAMANDERS, enzymology/ *SALAMANDERS, physiology
4172. Sieber SM, Cohn VH, Wynn WT: The entry of foreign compounds into the thoracic duct lymph of the rat. Xenobiotica 4:265-84, May 74
ACIDS, metabolism/ ALCOHOLS, metabolism/ AMINES, metabolism/ ANILINE COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ ANTHRACENES/ ANTIPYRINE, metabolism/ BENZOATES, metabolism/ CAFFEINE, metabolism/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CHYLOMICRONS, metabolism/ DDT, metabolism/ DIGOXIN, metabolism/ ESTRADIOL, metabolism/ ISONIAZID, metabolism/ *LYMPH, metabolism/ MALE/ PHENANTHRENES/ SALICYLIC ACID, metabolism/ TESTOSTERONE, metabolism/ *THORACIC DUCT, metabolism/ TIME FACTORS/ TRITIUM
4173. Siebert S, Schaerer R, Jobert ME: Etude cytologique et ultrastructurale d'un cas d'herpes génital au cours d'une leucémie aiguë. Sem Hop Paris 49:3549-56, 20 Dec 73 (Fre)
ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTINEOPLASTIC AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ GYNECOLOGIC DISEASES, etiology/ *GYNECOLOGIC DISEASES, pathology/ HERPESVIRUS, isolation & purification/ HERPESVIRUS INFECTIONS, diagnosis/ HERPESVIRUS INFECTIONS, etiology/ *HERPESVIRUS INFECTIONS, pathology/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, complications/ LEUKEMIA, MYELOBLASTIC, drug therapy/ MICROSCOPY, ELECTRON/ VAGINA, microbiology/ VAGINA, pathology/ VAGINAL SMEARS
4174. Siegel E, Siegel EP: Triiodothyronine influences nuclear and extra-nuclear DNA in cultured human kidney cells. Nature 249:139-40, 10 May 74
- AUTORADIOGRAPHY/ CELL LINE/ CELL NUCLEUS, metabolism/ CHROMOSOMES, metabolism/ CYTOPLASM, metabolism/ DACTINOMYCIN, metabolism/ *DNA, metabolism/ HUMAN/ KIDNEY, drug effects/ *KIDNEY, metabolism/ MITOSIS, drug effects/ STIMULATION, CHEMICAL/ *TRIIODOTHYRONINE, pharmacodynamics/ TRITIUM
4175. Siegmund P, Tüllmann A, Holke M: The cyclic AMP-mediated action of epinephrine on the activity of carbonic anhydrase in avian erythrocytes. Horm Metab Res 6:158-61, Mar 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CARBONIC ANHYDRASE, blood/ CHICKENS/ COMPARATIVE STUDY/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ ENZYME ACTIVATION/ *EPINEPHRINE, pharmacodynamics/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, enzymology/ FLUORIDES, pharmacodynamics/ HEMOLYSIS/ SPECTROPHOTOMETRY/ TIME FACTORS
4176. Silber SJ: Chronic salt-loading of donor and recipient in renal transplantation. Surgery 75:573-7, Apr 74
ANIMAL EXPERIMENTS/ BLOOD VOLUME/ GLOMERULAR FILTRATION RATE/ GLYCERIN, administration & dosage/ ISCHEMIA/ *KIDNEY, transplantation/ KIDNEY FAILURE, ACUTE, prevention & control/ RATS, INBRED LEW/ RENIN, blood/ *SODIUM CHLORIDE, administration & dosage/ *TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS/ WATER, administration & dosage
4177. Silbermann M, Frommer J: Phosphatases within the cartilage of the mandibular condyle of the mouse. J Anat 116:335-45, Dec 73
ACID PHOSPHATASE, analysis/ ADENOSINE TRIPHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CALCIFICATION, PHYSIOLOGIC/ *CARTILAGE, ARTICULAR, enzymology/ CYTOPLASM, enzymology/ FEMALE/ HISTOCYTOCHEMISTRY/ MALE/ *MANDIBULAR CONDYLE, enzymology/ MICE/ *PHOSPHATASES, analysis/ PROTEINS, biosynthesis/ PYROPHOSPHATASES, analysis
4178. Silberstein SD: Sympathetic ganglia in organ culture. Neurosci Res 5:1-34, 1973 (88 ref.)
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CARBON RADIOISOTOPES/ COCAINE, metabolism/ DACTINOMYCIN, pharmacodynamics/ DNA, biosynthesis/ DOPA DECARBOXYLASE, metabolism/ DOPAMINE BETA HYDROXYLASE, metabolism/ EPINEPHRINE, metabolism/ GANGLIA, AUTONOMIC, cytology/ GANGLIA, AUTONOMIC, drug effects/ *GANGLIA, AUTONOMIC, metabolism/ LEUCINE, metabolism/ METHODS/ MICROSCOPY, ELECTRON/ MONOAMINE OXIDASE, metabolism/ NERVE GROWTH FACTOR, metabolism/ NOREPINEPHRINE, metabolism/ *ORGAN CULTURE/ PERIPHERAL NERVES, metabolism/ REVIEW/ RNA, biosynthesis/ TIME FACTORS/ TRITIUM/ TYROSINE HYDROXYLASE, metabolism/ URIDINE, metabolism
4179. Silberstein SD, Lemberger L, Klein DC, et al: Induction of adrenal tyrosine hydroxylase in organ culture. Neuropharmacology 11:721-6, Sep 72
*ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CYCLOHEXIMIDE, pharmacodynamics/ ENZYME INDUCTION/ EPINEPHRINE, metabolism/ ORGAN CULTURE/ POTASSIUM, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS/ *TYROSINE HYDROXYLASE, metabolism
4180. (Silink K), Soumar J: Zemfel doc. MUDr. K. Silink, DrSc. Cesk Farm 22:429-30, Nov 73 (Cze)

AUTHOR SECTION

- CURRENT BIOG-OBIT/ CZECHOSLOVAKIA/
*ENDOCRINOLOGY, history/ HISTORICAL
ARTICLE
4181. (Silink K), Podoba J: K nedožitým 65. narodeninám Doc. MUDr. K. Silinka, DrSc. Bratisl Lek Listy 60:650-1, 1973 (Cze) CZECHOSLOVAKIA/ ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT.
4182. Silver J, Davies TJ, Kupersmitt E, et al: Prevalence and treatment of vitamin D deficiency in children on anticonvulsant drugs. Arch Dis Child 49:344-50, May 74 ALKALINE PHOSPHATASE, blood/ *ANTICONVULSANTS, adverse effects/ CALCIUM, blood/ CHOLECALCIFEROL, therapeutic use/ DIET/ DIPHENYLHYDANTOIN, therapeutic use/ ENZYME INDUCTION/ EPILEPSY, drug therapy/ FEMALE/ GLUTAMYL TRANSPEPTIDASE, blood/ HUMAN/ LEUCINE AMINOPEPTIDASE, blood/ LIVER, enzymology/ MALE/ NUCLEOTIDASES, blood/ PHENOBARBITAL, therapeutic use/ PHOSPHATES, blood/ PRIMIDONE, therapeutic use/ *VITAMIN D DEFICIENCY, chemically induced/ VITAMIN D DEFICIENCY, drug therapy/ VITAMIN D DEFICIENCY, metabolism/ VITAMIN D DEFICIENCY, occurrence/ WRIST, radiography
4183. Silver J, Neale G, Thompson GR: Effect of phenobarbitone treatment on vitamin D metabolism in mammals. Clin Sci Mol Med 46:433-48, Apr 74 ANIMAL EXPERIMENTS/ BILE, analysis/ BIOLOGICAL ASSAY/ CARBON RADIOISOTOPES/ CHOLECALCIFEROL, metabolism/ CHROMATOGRAPHY/ DIET/ ENZYME INDUCTION/ FEMALE/ GLUCURONIDASE/ HYDROXYCHOLECALCIFEROL, blood/ INJECTIONS, SUBCUTANEOUS/ MALE/ NEURAMINIC ACIDS/ *PHENOBARBITAL, pharmacodynamics/ RATS/ RATS, INBRED STRAINS/ SWINE/ TRITIUM/ *VITAMIN D, metabolism
4184. Silver R, Rebouilleau C, Lehrman DS, et al: Radioimmunoassay of plasma progesterone during the reproductive cycle of male and female ring doves (Streptopelia risoria). Endocrinology 94:1547-54, Jun 74 ANIMAL EXPERIMENTS/ *BIRDS/ CHROMATOGRAPHY/ *COURTSHIP/ FEMALE/ MALE/ ORGAN WEIGHT/ OVIDUCTS/ *PROGESTERONE, blood/ RADIOIMMUNOASSAY/ TRITIUM
4185. Silverman AJ, Barajas L: Effect of reserpine on the juxtaglomerular granular cells and renal nerves. Lab Invest 30:723-31, Jun 74 ANIMAL EXPERIMENTS/ FLUORESCENCE/ GOLGI APPARATUS, drug effects/ HISTOCYTOCHEMISTRY/ JUXTAGLOMERULAR APPARATUS, cytology/ *JUXTAGLOMERULAR APPARATUS, drug effects/ JUXTAGLOMERULAR APPARATUS, innervation/ KIDNEY, analysis/ KIDNEY, blood supply/ KIDNEY, drug effects/ *KIDNEY, innervation/ KIDNEY CORTEX, analysis/ MALE/ MICROSCOPY, ELECTRON/ NERVE ENDINGS, cytology/ NERVE ENDINGS, drug effects/ NOREPINEPHRINE, analysis/ NOREPINEPHRINE, metabolism/ RENIN, analysis/ RENIN, biosynthesis/ RENIN, blood/ RENIN, metabolism/ RESERPINE, administration & dosage/ *RESERPINE, pharmacodynamics/ SYMPATHETIC NERVOUS SYSTEM, cytology/ SYMPATHETIC NERVOUS SYSTEM, drug effects
4186. Silverman DA, Rose NR: Inhibition of genetically determined autoimmune disease by organ-specific antigen. Lancet 1:1257-8, 22 Jun 74 ANIMAL EXPERIMENTS/ *ANTIGENIC DETERMINANTS/ AUTOIMMUNE DISEASES, familial & genetic/ *AUTOIMMUNE DISEASES, immunology/ FEMALE/ INJECTIONS, INTRAVENOUS/ *ORGAN SPECIFICITY/ RATS, INBRED BUF/ THYROID GLAND/ *THYROIDITIS, immunology/ TISSUE EXTRACTS, administration & dosage
4187. Silverman NA, Gunnells JC Jr, Stickie DL: Surgical treatment of Staphylococcus aureus endarteritis in a hemodialysis arteriovenous fistula. Arch Surg 108:730-2, May 74 ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ AZATHIOPRINE, therapeutic use/ CADAVER/ CEPHALEXIN, therapeutic use/ CLINDAMYCIN, therapeutic use/ ENDARTERITIS, etiology/ *ENDARTERITIS, surgery/ FEMALE/ HEMODIALYSIS/ HUMAN/ KIDNEY, transplantation/ KIDNEY DISEASES, drug therapy/ KIDNEY DISEASES, etiology/ KIDNEY DISEASES, surgery/ KIDNEY DISEASES, therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ NEPHRECTOMY/ STAPHYLOCOCCAL INFECTIONS, complications/ SURGICAL WOUND INFECTION, complications/ TRANSPLANTATION, HOMOLOGOUS
4188. Simkin A, Robin G: Fracture formation in differing collagen fiber pattern of compact bone. J Biomech 7:183-8, Mar 74 ANIMAL EXPERIMENTS/ *BIOMECHANICS/ *BONE AND BONES, pathology/ *COLLAGEN/ FEMUR, pathology/ *FRACTURES/ FRACTURES, pathology/ HAVERSIAN SYSTEM/ MICROSCOPY, POLARIZATION/ STRESS, MECHANICAL
4189. Simmer HH, Tulchinsky D, Gold EM, et al: On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term. Memorial Foundation award thesis. Am J Obstet Gynecol 119:283-96, 1 Jun 74 ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, embryology/ ADRENAL GLANDS, metabolism/ ADRENAL GLANDS, physiology/ CESAREAN SECTION/ COMPARATIVE STUDY/ CORTICOTROPIN, blood/ *CORTICOTROPIN, pharmacodynamics/ CORTICOTROPIN, physiology/ DEHYDROEPIANDROSTERONE, blood/ ESTRADIOL, blood/ ESTRADIOL, blood/ *ESTROGENS, biosynthesis/ ESTRONE, blood/ FEMALE/ FETUS, drug effects/ FETUS, physiology/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, pharmacodynamics/ HYDROCORTISONE, physiology/ INFANT, NEWBORN/ MALE/ MATERNAL-FETAL EXCHANGE/ *PLACENTA, drug effects/ PLACENTA, metabolism/ *PREGNANCY
4190. Simon NM, Belman AB: Letter: Hypertension and hydronephrosis. N Engl J Med 290:1381, 13 Jun 74 ANGIOTENSIN, blood/ HUMAN/ *HYDRONEPHROSIS, complications/ HYDRONEPHROSIS, physiopathology/ HYPERTENSION, RENAL, blood/ *HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, physiopathology/ KIDNEY, physiopathology/ RENIN, blood
4191. Simpson CW, Dicara LV, Wolf G: Glucocorticoid anorexia in rats. Pharmacol Biochem Behav 2:19-25, Jan-Feb 74 ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *APPETITE DEPRESSANTS, pharmacodynamics/ BODY WEIGHT, drug effects/ CORTICOSTERONE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ DIET/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRINKING BEHAVIOR, drug effects/ *FEEDING BEHAVIOR, drug effects/ *GLUCOCORTICIDS, pharmacodynamics/ MALE/ RATS/ SODIUM CHLORIDE/ STEROIDS, FLUORINATED, pharmacodynamics/ TIME FACTORS

AUTHOR SECTION

4192. Simpson J, Zellweger H, Burmeister LF, et al: Effect of oral contraceptive pills on the level of creatine phosphokinase with regard to carrier detection in Duchenne muscular dystrophy.
Cln Chlm Acta 52:219-23, Apr 74
ADULT/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *CREATINE KINASE, blood/ FEMALE/ HETEROZYGOTE/ HUMAN/ MENSTRUATION/ *MUSCULAR DYSTROPHY, enzymology/ MUSCULAR DYSTROPHY, familial & genetic/ TIME FACTORS
4193. Simpson JL, Morillo-Cucci G, Horwith M, et al: Abnormalities of human sex chromosomes. VI. Monozygotic twins with the complement 48,XXY. Humangenetik 21:301-8, 28 Mar 74
AUTORADIOGRAPHY/ BIOPSY/ *DISEASES IN TWINS/ DNA REPLICATION/ HUMAN/ KARYOTYPING/ *KLINEFELTER'S SYNDROME, familial & genetic/ KLINEFELTER'S SYNDROME, metabolism/ MALE/ MATERNAL AGE/ *MENTAL RETARDATION, familial & genetic/ PHENOTYPE/ SEX CHROMOSOMES/ TESTIS, pathology/ TRISOMY
4194. (Simpson ME), : Classic pages in Obstetrics and Gynecology. Interstitial cell stimulating hormone. II. Method of preparation and some physico-chemical studies, by Choh Hao Li, Miriam E. Simpson, and Herbert M. Evans. Endocrinology, vol. 27, pp. 803-808, 1940. Am J Obstet Gynecol 17:718, 1 Nov 73
ANIMAL EXPERIMENTS/ *ENDOCRINOLOGY, history/ GYNECOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ *LH/ *LH, pharmacodynamics/ METHODS/ OBSTETRICS, history/ UNITED STATES
4195. Singer PA, Mestman JH, Manning PR, et al: Hypothalamic-hypothyroidism secondary to Sheehan's syndrome. West J Med 120:418-8, May 74
CASE REPORT/ FEMALE/ HUMAN/ *HYPOPITUITARISM, complications/ *HYPOTHYROIDISM, etiology/ *PUERPERAL DISORDERS, complications/ SHEEHAN'S SYNDROME, complications
4196. Singh B, De Champlain J: Ontogenesis of sympathetic fibers after neonatal 6-hydroxydopamine treatment in the rat. Can J Physiol Pharmacol 52:304-18, Apr 74
ADRENAL MEDULLA, metabolism/ ADRENERGIC NEUROHUMOR DEPLETERS/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BRAIN, metabolism/ BRAIN STEM, metabolism/ GROWTH, drug effects/ HEART, innervation/ HISTOCYTOCHEMISTRY/ *HYDROXYDOPAMINE, pharmacodynamics/ INTESTINES, innervation/ IRIS, innervation/ MICROSCOPY, FLUORESCENCE/ NEURONS, analysis/ NEURONS, drug effects/ NOREPINEPHRINE, analysis/ NOREPINEPHRINE, metabolism/ SPINAL CORD, metabolism/ SPLEEN, innervation/ SUBMANDIBULAR GLAND, innervation/ *SYMPATHETIC NERVOUS SYSTEM, drug effects/ SYMPATHETIC NERVOUS SYSTEM, growth & development/ TIME FACTORS
4197. Singh BR, Thakur RN, Yadav BN: The relationship between the changes in the interrenal, gonadal and thyroidal tissue of the air breathing fish, *Heteropneustes fossilis* (Bloch) at different periods of the breeding cycle. J Endocrinol 61:309-16, Jun 74
*ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ BIOMETRY/ *BREEDING/ CELL NUCLEOLUS/ CELL NUCLEUS/ CHROMAFFIN SYSTEM, anatomy & histology/ CHROMATIN, analysis/ CYTOPLASMIC GRANULES/ EPITHELIAL CELLS/ FEMALE/ *FISHES, anatomy & histology/ GLYCOGEN, analysis/ HYPERTROPHY/ *KIDNEY, anatomy & histology/ MALE/ *OVARY, anatomy & histology/ OVUM/ SEASONS/ TEMPERATURE/ TESTIS, anatomy & histology/ *THYROID GLAND, anatomy & histology
4198. Singh D, Lakey JR, Sanders MK: Hunger motivation in goldthioglucoase-treated and genetically obese female mice. J Comp Physiol Psychol 86:890-7, May 74
ANIMAL EXPERIMENTS/ AUROTHIOGLUCOSE/ AVOIDANCE LEARNING/ BODY WEIGHT/ COMPARATIVE STUDY/ CONDITIONING, OPERANT/ DRINKING/ EATING/ ELECTROSHOCK/ EXPLORATORY BEHAVIOR/ FEMALE/ *GOLD/ *HUNGER/ HYPOTHALAMUS, physiology/ MICE/ *MICE, INBRED C57BL, physiology/ *OBESITY, chemically induced/ REACTION TIME/ REINFORCEMENT SCHEDULE/ SPECIES SPECIFICITY/ TASTE
4199. Singh D, Squire PG: Molecular weight and subunit structure of bovine adrenal glucose-6-phosphate dehydrogenase. Biochemistry 13:1819-25, 23 Apr 74
*ADRENAL GLANDS, enzymology/ ALKYLATION/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BUFFERS/ CHEMISTRY/ COMPARATIVE STUDY/ CRYSTALLIZATION/ DEUTERIUM/ DIFFUSION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PROTEIN DENATURATION/ SODIUM DODECYL SULFATE/ ULTRACENTRIFUGATION/ UREA
4200. Singh EJ, Zuspan FP: Prostaglandins: overview in obstetrics and gynecology.
J Reprod Med 12:211-4, May 74 (62 ref.)
*ABORTION, INDUCED/ AMNION/ FEMALE/ HUMAN/ INJECTIONS/ INJECTIONS, INTRAVENOUS/ LABOR, INDUCED/ *PROSTAGLANDINS/ PROSTAGLANDINS, administration & dosage/ PROSTAGLANDINS, analysis/ PROSTAGLANDINS, pharmacodynamics/ REVIEW/ VAGINA
4201. Singh JN, Dhalla NS: Adenylate cyclase activity in lymphoid organs during regional and systemic graft-versus-host reactions.
Biochim Biophys Acta 341:378-87, 25 Apr 74
*ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ FEMALE/ FLUORIDES, pharmacodynamics/ *GRAFT VS HOST REACTION/ HYBRIDIZATION/ HYDROGEN-ION CONCENTRATION/ ISOPROTERENOL, pharmacodynamics/ KIDNEY, enzymology/ KINETICS/ LYMPH NODES, drug effects/ *LYMPH NODES, enzymology/ MAGNESIUM, pharmacodynamics/ MICE, INBRED STRAINS/ MYOCARDIUM, enzymology/ ORGAN SPECIFICITY/ RATS, INBRED LEW/ RATS, INBRED STRAINS/ SPECIES SPECIFICITY/ *SPLEEN, enzymology/ TIME FACTORS
4202. Singh K, Nath R: Distribution of cadmium and zinc among protein fractions of rat testis.
Indian J Exp Biol 11:498-9, Nov 73
ANIMAL EXPERIMENTS/ *CADMIUM, analysis/ GEL FILTRATION/ LIVER, analysis/ MALE/ *PROTEIN BINDING/ *PROTEINS, analysis/ RADIOISOTOPES/ *TESTIS, analysis/ *ZINC, analysis/ ZINC ISOTOPES
4203. Singh KP, Bhandari DS: Neuropharmacological study of prostaglandin (PG)F_{2a}.
J Indian Med Assoc 61:423-7, 16 Nov 73
ANALGESIA/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE, drug effects/ CEREBRAL VENTRICLES/ CONVULSIONS, prevention & control/ ESCAPE REACTION/ INJECTIONS/ MOTOR ACTIVITY, drug effects/ NICOTINE, antagonists & inhibitors/ PENTOBARBITAL/ PERPHENAZINE, antagonists & inhibitors/ *PROSTAGLANDINS, pharmacodynamics/ SLEEP, drug effects/ TREMORINE, antagonists & inhibitors
4204. Singh MM, Kamboj VP, Chowdhury SR, et al: Histological and biochemical changes in the rat uterus during delayed implantation.

AUTHOR SECTION

- Indian J Exp Biol 11:488-93, Nov 73
ANIMAL EXPERIMENTS/ CASTRATION/
ESTROGENS, pharmacodynamics/ FEMALE/
*NIDATION/ NIDATION, drug effects/
PROGESTERONE, pharmacodynamics/
*UTERUS, analysis/ UTERUS, anatomy &
histology/ UTERUS, metabolism
4205. Sinha YN, Selby FW, Vanderlaan WF: Relationship of prolactin and growth hormone to mammary function during pregnancy and lactation in the C3H-ST mouse. N Engl J Med 291:219-29, 11 Jun 74
AMNIOTIC FLUID, analysis/ ANIMAL EXPERIMENTS/ CROSS REACTIONS/ DNA, analysis/ FEMALE/ *LACTATION/ MAMMAE, analysis/ *MAMMAE, physiology/ MICE, INBRED C3H/ ORGAN WEIGHT/ PITUITARY GLAND, analysis/ PITUITARY GLAND, anatomy & histology/ PITUITARY GLAND, secretion/ PLACENTAL EXTRACTS, analysis/ *PREGNANCY, ANIMAL/ PROLACTIN, analysis/ PROLACTIN, blood/ *PROLACTIN, secretion/ RADIOIMMUNOASSAY/ RNA, analysis/ SOMATOTROPIN, analysis/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion
4206. Sircar PK, Katira OP: Nutrition and vitamin A. Indian J Pediatr 40:442-5, Dec 73
FEMALE/ HUMAN/ LACTATION/ MALE/
*NUTRITION/ NUTRITIONAL REQUIREMENTS/ *VITAMIN A/ VITAMIN A, therapeutic use/ VITAMIN A DEFICIENCY, diagnosis/ VITAMIN A DEFICIENCY, drug therapy/ VITAMIN A DEFICIENCY, etiology
4207. Siuda JF, DeBernardis JF: Naturally occurring halogenated organic compounds. Lloydia 36:107-43, Jun 73 (308 ref.)
ALKALOIDS/ AMINO ACIDS/ ANIMAL EXPERIMENTS/ ANTHRAQUINONES/ BROMINE/ COUMARINS/ CYCLOPENTANE/ ESTERS/ FLUORINE/ GRISEOFULVIN/ *HALOGENS/ HYDROCARBONS, HALOGENATED/ INDOLES/ IODINE/ KETONES/ LIPIDS/ PHENOLS/ PYRROLES/ QUINONES/ REVIEW/ SPIRO COMPOUNDS/ TERPENES/ TETRACYCLINE/ TYROSINE/ XANTHENES
4208. Sivula A: Recurrence of benign pheochromocytoma by intraoperative implantation. Acta Chir Scand 140:334-9, 1974
ABDOMINAL NEOPLASMS, pathology/
*ABDOMINAL NEOPLASMS, surgery/
ABDOMINAL WALL, pathology/ ABDOMINAL WALL, surgery/ ADRENAL GLAND NEOPLASMS, pathology/ *ADRENAL GLAND NEOPLASMS, surgery/ ADRENAL GLANDS, pathology/ ADRENAL GLANDS, surgery/ BLOOD PRESSURE/ CATECHOLAMINES, urine/ CICATRIX, surgery/ FEMALE/ HUMAN/ *NEOPLASM SEEDING/ PHEOCHROMOCYTOMA, pathology/
*PHEOCHROMOCYTOMA, surgery/ RUPTURE/ TIME FACTORS
4209. Sjöstrand NO, Swedin G: On the mechanism of the enhancement by smooth muscle stimulants of the motor responses of the guinea-pig vas deferens to nerve stimulation. Acta Physiol Scand 90:513-21, Mar 74
ACTION POTENTIALS, drug effects/
ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BARIUM, pharmacodynamics/
*BIOGENIC AMINES, pharmacodynamics/
COMPARATIVE STUDY/ ELECTRIC STIMULATION/ GUINEA PIGS/ MALE/
*MUSCLE CONTRACTION, drug effects/
MUSCLE DENERVATION/ *MUSCLE, SMOOTH, drug effects/ NEURAL INHIBITION, drug effects/ *PEPTIDES, pharmacodynamics/
*PROSTAGLANDINS, pharmacodynamics/
SPINAL NERVES, drug effects/
TETRODOTOXIN, pharmacodynamics/ *VAS DEFERENS, drug effects/ VAS DEFERENS, innervation
4210. Sjöstrand T: Blodcirkulationens regulation--en återblick på 40 års forskning.
- Lakartidningen 70:2901-4, 22 Aug 73 (Swe)
ANIMAL EXPERIMENTS/ *BLOOD CIRCULATION/ CARDIAC OUTPUT/
ENGLISH ABSTRACT/ HUMAN/
HYPOTHALAMUS, physiology/ MICE
4211. Skala I, Mashek I: Gastro-intestinal'nye gormony i regulatsiya protsessov pishchevarenia, vsasyvaniya i utilizatsii pishchevykh veshchestv. Vopr Pitani 33:28-37, May-Jun 74 (Rus)
CHEMORECEPTORS, physiology/
CHOLECYSTOKININ, physiology/ *DIGESTION/
GASTRIN, physiology/ *GASTROINTESTINAL HORMONES, physiology/ GASTROINTESTINAL SYSTEM, innervation/ GLUCAGON, physiology/
HUMAN/ *INTESTINAL ABSORPTION/
PANCREOZYMIN, physiology/ RECEPTORS, HORMONE/ REFLEX/ SECRETIN, physiology/
VAGUS NERVE
4212. Skebel'skaia IuB: O vazmozhnom uchashtii gipotalamusa beremennoi krysy v reaktsii ee plodov na stress. Probl Endokrinol (Mosk) 20:62-5, Mar-Apr 74 (Rus)
ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ ENGLISH ABSTRACT/
EPINEPHRINE, pharmacodynamics/
EPINEPHRINE, secretion/ FEMALE/ *FETUS, physiology/ HYPOTHALAMUS, drug effects/
HYPOTHALAMUS, metabolism/
*HYPOTHALAMUS, physiology/
MATERNAL-FETAL EXCHANGE/
PREGNANCY/ *PREGNANCY, ANIMAL/
RATS/ RESERPINE, pharmacodynamics/
STRESS, physiopathology
4213. Skivolecki WP, Pace WG, Thomford NR: Addition of isoproterenol to reduce risk of vasopressin therapy. Surg Forum 23:336-7, 1972
ANIMAL EXPERIMENTS/ CARDIAC OUTPUT, drug effects/ ESOPHAGEAL VARICES, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/
*ISOPROTERENOL, pharmacodynamics/
*VASOPRESSIN, adverse effects/
VASOPRESSIN, pharmacodynamics/
VASOPRESSIN, therapeutic use
4214. Skolnick P, Daly JW: The accumulation of adenosine 3',5'-monophosphate in cerebral cortical slices of the quaking mouse, a neurologic mutant. Brain Res 73:513-25, 28 Jun 74
ADENOSINE, metabolism/ ADENOSINE, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ANIMAL EXPERIMENTS/ AUTOSOME ABNORMALITIES, metabolism/ CARBON RADIOISOTOPES/ *CEREBRAL CORTEX, metabolism/ GENES, RECESSIVE/
HISTAMINE, pharmacodynamics/
HYBRIDIZATION/ MALE/ MICE, INBRED STRAINS/ MUTATION/ MYELIN SHEATH/
NOREPINEPHRINE, pharmacodynamics/
*RODENT DISEASES, metabolism/ *TREMOR, metabolism/ TRITIUM/ VERATRUM, pharmacodynamics
4215. Skriabin GK, Koshcheenko KA, Surovtsev VI: Transformatsiya steroidov kletkami i beskletochnym preparatom kul'tury Mycobacterium globiforme 193, vkluchennyml v poliakrilamidnyi gel. Dokl Akad Nauk SSSR 215:737-9, 21 Mar 74 (Rus)
*ACRYLAMIDES/ CELL-FREE SYSTEM/
CORTISONE/ *GELS/ HYDROCORTISONE/
*MYCOBACTERIUM, enzymology/
*OKSIDOREDUCTASES, metabolism/
PREDNISOLONE/ PREDNISONE/ *STEROIDS
4216. Skripkin IuK, Dobrotvorskiĭ AE, Demidova NM, et al: Vlianie stepeni dispersnosti i vida mazevoi osnovy na kozhnuiu absorbttsiu gidrokortizonovoi i prednizolonovoi mazel. Vestn Dermatol Venerol 48:19-21, May 74 (Rus)
ENGLISH ABSTRACT/ HUMAN/
*HYDROCORTISONE, TOPICAL, pharmacodynamics/ *OINTMENTS/
*PHARMACEUTIC AIDS, pharmacodynamics/
*PREDNISOLONE, TOPICAL,

AUTHOR SECTION

- pharmacodynamics/ *SKIN ABSORPTION, drug effects/ SKIN TEMPERATURE, drug effects
4217. Skriuchenkova VA, Ozerlanskaya AL, Vinogradova EI: Ekskretsiya estrogenov i pregnandiola u zhenshchin, perenneshikh puzyrnyy zanos, lechenykh metotreksatom. Akush Ginekol (Mosk) 49:68-9, Nov 73 (Rus) ADULT/ *ESTROGENS, urine/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, drug therapy/ HYDATIDIFORM MOLE, urine/ METHOTREXATE, pharmacodynamics/ *METHOTREXATE, therapeutic use/ MIDDLE AGE/ OVARY, drug effects/ *PREGNANEDIOL, urine
4218. Skyler JS, Neelon FA, Arnold WJ, et al: Growth retardation in the Lesch-Nyhan syndrome. Acta Endocrinol (Kbh) 75:3-10, Jan 74 AGE DETERMINATION BY SKELETON/ ARGinine, diagnostic use/ BODY HEIGHT/ BODY WEIGHT/ CHILD/ GONADOTROPINS, analysis/ *GROWTH DISORDERS/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ IMMUNOASSAY/ INSULIN, diagnostic use/ 17-KETOSTEROIDS, urine/ *LESCH-NYHAN SYNDROME/ MALE/ RADIOIMMUNOASSAY/ SOMATOMEDIN, blood/ SOMATOTROPIN, blood/ STIMULATION, CHEMICAL/ TESTOSTERONE, blood/ THYROID GLAND FUNCTION TESTS
4219. Sladek CD: Gluconeogenesis and hepatic glycogen formation in relation to the rat estrous cycle. Horm Metab Res 6:217-21, May 74 ALANINE, administration & dosage/ ALANINE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ CARBON RADIOISOTOPES/ *ESTRUS/ FEMALE/ *GLUCONEOGENESIS/ INJECTIONS, INTRAVENOUS/ INSULIN, blood/ LIVER, analysis/ LIVER GLYCOGEN, analysis/ *LIVER GLYCOGEN, biosynthesis/ SEX HORMONES, analysis/ STATISTICS
4220. Sladen A: Drugs used in respiratory therapy. Clin Anesth 10:315-41, 1974 (94 ref.) AEROSOL PROPELLANTS/ AEROSOLS/ ALBUTEROL, therapeutic use/ ALCOHOL, ETHYL, therapeutic use/ ANESTHESIA, INHALATION/ ANTIBIOTICS, therapeutic use/ ATROPINE, therapeutic use/ BRONCHODILATOR AGENTS, therapeutic use/ CYSTEINE, therapeutic use/ DETERGENTS, therapeutic use/ ENZYMES, therapeutic use/ EPINEPHRINE, therapeutic use/ HUMAN/ ISOPROTERENOL, therapeutic use/ PARTICLE SIZE/ PHENTOLAMINE, therapeutic use/ PHENYLEPHRINE, therapeutic use/ PROSTAGLANDINS, therapeutic use/ PULMONARY ALVEOLI, drug effects/ *RESPIRATORY TRACT DISEASES, drug therapy/ REVIEW/ SOLUBILITY/ STEROIDS, therapeutic use
4221. Slaga TJ, Scribner JD, Rice JM, et al: Inhibition by dexamethasone of intracellular binding of phorbol esters to mouse skin. J Natl Cancer Inst 52:1611-8, May 74 ALCOHOLS, metabolism/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BINDING SITES/ CARBON RADIOISOTOPES/ CHROMATIN, metabolism/ CYTOSOL, analysis/ CYTOSOL, metabolism/ *DEXAMETHASONE, pharmacodynamics/ *DITERPENES, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FATTY ACIDS, metabolism/ FEMALE/ GEL FILTRATION/ IN VITRO/ MICE/ MICROSOSES, metabolism/ MITOCHONDRIA, metabolism/ PROTEINS, metabolism/ *SKIN, metabolism/ TIME FACTORS/ TRITIUM/ ULTRAFILTRATION
4222. Slater R, Ntuyabaliwe WK: Letter: Turner's syndrome and long-arm deletions of X chromosome. Lancet 2:57-8, 6 Jul 74 CHROMOSOMES, HUMAN, 13-15/ CHROMOSOMES, HUMAN, 16-18/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ KARYOTYPING/ *SEX CHROMOSOMES/ *TURNER'S SYNDROME, familial & genetic
4223. Slavyan VN, Efimov AS, Shevchenko ZhB: Gormonobrazovatel'naya funktsiya shechitovidnoy zhelezy i tiroksinsvyaizvalushchaya sposobnost' belkov syvorotki krovi u bol'nykh sakharnym diabetom. Probl Endokrinol (Mosk) 20:13-7, Mar-Apr 74 (Rus) ADOLESCENCE/ ADULT/ AGED/ DIABETES MELLITUS, blood/ *DIABETES MELLITUS, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, physiopathology/ *THYROID HORMONES, secretion/ *THYROXINE-BINDING PROTEIN, analysis
4224. Sliwa F, Smigla K, Lukas W, et al: Trudności lecznicze przewlekłego czynnego zapalenia wątroby u 12-letniej dziewczynki. Wlad Lek 27:657-62, Apr 74 (Pol) AGE FACTORS/ CHILD/ CHRONIC DISEASE/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ FEMALE/ *HEPATITIS, drug therapy/ HEPATITIS, pathology/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LIVER, pathology/ PREDNISONE, therapeutic use/ TIME FACTORS
4225. Small EW: The lingual thyroid. Abbreviated case report. Oral Surg 37:692-4, May 74 CASE REPORT/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ RADIOISOTOPE SCANNING/ *THYROID GLAND, abnormalities/ *TONGUE, abnormalities/ *TONGUE DISEASES, diagnosis
4226. Smalstig EB, Sawyer BD, Clemens JA: Inhibition of rat prolactin release by apomorphine in vivo and in vitro. Endocrinology 95:123-9, Jul 74 ANIMAL EXPERIMENTS/ *APOMORPHINE, pharmacodynamics/ CHLORPROMAZINE, pharmacodynamics/ ESTRUS/ FEMALE/ IN VITRO/ LACTATION/ PIMOZIDE, pharmacodynamics/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, metabolism/ *PROLACTIN, blood/ RECEPTORS, DRUG
4227. Smejkalová E, Smejkal V: Cytochemical study of non-specific esterase, acid and alkaline phosphatase in the human thyroid neoplasms. Acta Histochem (Jena) 46:74-8, 1973 *ACID PHOSPHATASE, metabolism/ *ALKALINE PHOSPHATASE, metabolism/ *ESTERASES, metabolism/ GOITER, enzymology/ HISTOCYTOCHEMISTRY/ HUMAN/ MACROPHAGES, enzymology/ METHODS/ NAPHTHOLS/ STAINS AND STAINING/ *THYROID NEOPLASMS, enzymology/ THYROID NEOPLASMS, pathology
4228. Smelik PG, Papakononou E: Steroid feedback mechanisms in pituitary-adrenal function. Prog Brain Res 39:99-109, 1973 *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, physiology/ FEEDBACK/ MODELS, BIOLOGICAL/ MODELS, NEUROLOGIC/ *PITUITARY GLAND, physiology/ RATS
4229. Smelov NS, Kalamkarian AA, Mukhamedov N: Opyt lecheniya novym otechestvennym tsitostaticheskim preparatom fotrinom nekotorykh form retikulodermii. Vestn Dermatol Venerol 47:9-12, Dec 73 (Rus) ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ *ANTINEOPLASTIC AGENTS, therapeutic use/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ *ETHYLENEDIAMINES, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYCOSIS FUNGOIDES, drug therapy/ *RETICULOENDOTHELIOSIS, drug therapy/ SARCOMA, KAPOSI'S, drug therapy/ SARCOMA, RETICULUM CELL, drug therapy/ *SKIN NEOPLASMS, drug therapy

AUTHOR SECTION

4230. Smigel M, Frölich J: The binding of prostaglandins to rat liver plasma membranes and its use in the assay of urinary prostaglandins.
Prostaglandins 6:537-9, 25 Jun 74
ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BINDING SITES/ *CELL MEMBRANE, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ GEL FILTRATION/ HUMAN/ LIVER, cytology/ *LIVER, metabolism/ METHODS/ *PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, urine/ SUCROSE/ TRITIUM
4231. Smit Sibinga CT: Prevention of vessel wall damage in experimental irradiation. Bibl Anat 12:242-8, 1973
ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD VESSELS, pathology/ *BLOOD VESSELS, radiation effects/ CAROTID ARTERIES, pathology/ CAROTID ARTERIES, radiation effects/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ HEPARIN, pharmacodynamics/ LIPIDS, metabolism/ METHYLAMINES, pharmacodynamics/ MUCOPOLYSACCHARIDES, metabolism/ PLATELET ADHESIVENESS, radiation effects/ PREDNISONE, pharmacodynamics/ RABBITS/ RADIATION INJURIES, EXPERIMENTAL, pathology/ *RADIATION INJURIES, EXPERIMENTAL, prevention & control
4232. Smith AG, Greaves MW: Blood prostaglandin activity associated with noradrenaline-provoked flush in the carcinoid syndrome. Br J Dermatol 90:547-51, May 74
ALKALINE PHOSPHATASE, blood/ BLISTER/ BODY WEIGHT/ CARCINOID TUMOR/ CHROMATOGRAPHY, THIN LAYER/ DIARRHEA/ FEMALE/ HEART FAILURE, CONGESTIVE/ HEPATOMEGALY/ HUMAN/ HYDROXYINDOLEACETIC ACID, urine/ *HYPEREMIA, chemically induced/ *MALIGNANT CARCINOID SYNDROME, blood/ *NOREPINEPHRINE/ *PROSTAGLANDINS, blood/ PRURITUS/ TELANGIECTASIS
4233. Smith BT, Torday JS, Giroud CJ: Evidence for different gestation-dependent effects of cortisol on cultured fetal lung cells. J Clin Invest 53:1518-26, Jun 74
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CATTLE/ CELL SURVIVAL, drug effects/ CELLS, CULTURED, drug effects/ CULTURE MEDIA/ DNA, analysis/ EPITHELIAL CELLS, drug effects/ FEMALE/ *FETUS, drug effects/ FIBROBLASTS, cytology/ GESTATIONAL AGE/ *HYDROCORTISONE, pharmacodynamics/ 17-HYDROXYCORTICOSTEROIDS, pharmacodynamics/ LECITHINS, biosynthesis/ LUNG, analysis/ LUNG, cytology/ *LUNG, drug effects/ LUNG, growth & development/ PALMITIC ACID, metabolism/ PREGNANCY/ PREGNENEDIONES, pharmacodynamics/ RABBITS/ SPHINGOMYELINS, biosynthesis/ TRYPSIN
4234. Smith CB, Horton PW, Aitken JM, et al: The estimation of bone mineral content at selected skeletal sites by gamma-ray absorption. Br J Radiol 47:314-8, Jun 74
AMERICIUM/ *BONE AND BONES, analysis/ DENSITOMETRY, X-RAY/ FEMALE/ FEMUR, radiation effects/ HUMAN/ IODINE RADIOISOTOPES/ MALE/ MATHEMATICS/ METACARPUS, radiation effects/ *MINERALS, analysis/ RADIUS, radiation effects/ *SPECTROPHOTOMETRY, ATOMIC ABSORPTION
4235. Smith CH, Depper R: Placental amino acid uptake. II. Tissue preincubation, fluid distribution, and mechanisms of regulation.
Pediatr Res 8:697-703, Jul 74
AEROBICOSIS/ ALANINE, metabolism/ *AMINO ACIDS, metabolism/ AMINOBUTYRIC ACID, metabolism/ BIOLOGICAL TRANSPORT/ CARBON RADIOISOTOPES/ CULTURE MEDIA/ CYANIDES, metabolism/ CYCLOHEXIMIDE, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ EXTRACELLULAR SPACE/ FEMALE/ GLUCOSE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INULIN, metabolism/ METHODS/ *PLACENTA, metabolism/ TIME FACTORS/ TISSUE CULTURE/ TRITIUM
4236. Smith DM, Johnston CC Jr: Hormonal responsiveness of adenylate cyclase activity from separate bone cells. Endocrinology 95:130-9, Jul 74
*ADENYL CYCLASE, analysis/ ANIMAL EXPERIMENTS/ BONE AND BONES, cytology/ BONE MARROW CELLS, drug effects/ *BONE MARROW CELLS, enzymology/ CALCITONIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EPINEPHRINE, pharmacodynamics/ GLUCAGON, pharmacodynamics/ OSTEOBLASTS, drug effects/ *OSTEOBLASTS, enzymology/ OSTEOCYTES, drug effects/ *OSTEOCYTES, enzymology/ PARATHYROID HORMONE, pharmacodynamics/ PERIOSTEUM, drug effects/ *PERIOSTEUM, enzymology/ PROSTAGLANDINS, pharmacodynamics/ TRIIODOTHYRONINE, pharmacodynamics
4237. Smith FG Jr, Lupu AN, Barajas L, et al: The renin-angiotensin system in the fetal lamb. Pediatr Res 8:611-20, Jun 74
ACID-BASE EQUILIBRIUM/ *ANGIOTENSIN, metabolism/ ANIMAL EXPERIMENTS/ AORTA, physiology/ BLOOD/ BLOOD PRESSURE/ BLOOD VOLUME/ BODY TEMPERATURE/ CARBON DIOXIDE, blood/ FEMALE/ FETUS, cytology/ *FETUS, metabolism/ GESTATIONAL AGE/ HYDROGEN-ION CONCENTRATION/ JUXTAGLOMERULAR APPARATUS, embryology/ JUXTAGLOMERULAR APPARATUS, metabolism/ KIDNEY, cytology/ LIGATION/ OXYGEN, blood/ PARTIAL PRESSURE/ PULSE/ RENIN, blood/ *RENIN, metabolism/ SHEEP
4238. Smith GH, McCarthy S, Rook JA: Synthesis of milk fat from beta-hydroxybutyrate and acetate in lactating goats. J Dairy Res 41:175-91, Jun 74
ACETATES, administration & dosage/ ACETATES, blood/ *ACETATES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ CARBON RADIOISOTOPES/ FATTY ACIDS, biosynthesis/ FATTY ACIDS, blood/ FEMALE/ *GOATS, metabolism/ HYDROXYBUTYRATES, administration & dosage/ HYDROXYBUTYRATES, blood/ HYDROXYBUTYRATES, metabolism/ INJECTIONS, INTRAVENOUS/ JUGULAR VEIN/ LACTATES, blood/ LACTATION/ *LIPIDS, biosynthesis/ *MILK, metabolism/ PORTAL VEIN/ SODIUM, administration & dosage/ SODIUM, metabolism/ TRIGLYCERIDES, biosynthesis/ TRIGLYCERIDES, blood
4239. Smith GM, Freuler F: The measurement of intravascular aggregation by continuous platelet counting. Bibl Anat 12:229-34, 1973
ADENOSINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ *BLOOD CELL COUNT, instrumentation/ *BLOOD PLATELETS, drug effects/ CATHETERIZATION/ CITRATES, administration & dosage/ DIPYRIDAMOLE, pharmacodynamics/ DOGS/ GUINEA PIGS/ METHYLERGIDE, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, pharmacodynamics/ RABBITS/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, pharmacodynamics
4240. Smith HC, Seale JP, Posen S: Premature ovarian failure in a triple X female. J Obstet Gynaecol Br Commonw 81:405-9, May 74

AUTHOR SECTION

- ADULT/ CURETTAGE/ DRUG COMBINATIONS/ ESTROGENS, therapeutic use/ ESTROGENS, urine/ FEMALE/ HUMAN/ KARYOTYPING/ MENSTRUATION DISORDERS, etiology/ OVARY, pathology/ *OVARY, physiopathology/ PROGESTERONE, therapeutic use/ SEX CHROMOSOME ABNORMALITIES, complications/ SEX CHROMOSOME ABNORMALITIES, diagnosis/ SEX CHROMOSOME ABNORMALITIES, drug therapy/ *SEX CHROMOSOME ABNORMALITIES, physiopathology/ UTERUS, pathology
4241. Smith HE, Burrows EP, Milano JD, et al: Action of (S)-and(R)-para-substituted amphetamine hydrochlorides and (alphaS)-and (alphaR)-p-chloronorephedrine and (alphaS)-and (alphaR)-p-chloronorpseudoephedrine hydrochlorides on the level of 5-hydroxytryptamine and the activity of tryptophan hydroxylase in rat brain. *J Med Chem* 17:416-21, Apr 74
 AMPHETAMINE, chem synthesis/
 *AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRAIN, drug effects/
 *BRAIN, enzymology/ CHLORINE, pharmacodynamics/ CIRCULAR DICHROISM/ MALE/ MOLECULAR CONFORMATION/ NITRO COMPOUNDS, pharmacodynamics/ NUCLEAR MAGNETIC RESONANCE/ PHENETHYLAMINES, chem synthesis/
 *PHENETHYLAMINES, pharmacodynamics/ PROPANOLAMINES, chem synthesis/
 *PROPANOLAMINES, pharmacodynamics/ RATS/ *SEROTONIN, antagonists & inhibitors/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPTOPHAN HYDROXYLASE, antagonists & inhibitors
4242. Smith JA: Biopsy and the testicular artery of the horse. *Equine Vet J* 6:81-3, Apr 74
 ANGIOGRAPHY/ ANIMAL EXPERIMENTS/
 *ARTERIES, anatomy & histology/ *BIOPSY, veterinary/ CRYPTORCHISM, veterinary/ FETUS, anatomy & histology/ HORSE DISEASES, pathology/ *HORSES, anatomy & histology/ MALE/ TESTICULAR DISEASES, pathology/ TESTICULAR DISEASES, veterinary/ *TESTIS, blood supply/ TESTIS, pathology/ TESTIS, radiography
4243. Smith SR, Edgar PJ, Pozefsky T, et al: Growth hormone in adults with protein-calorie malnutrition. *J Clin Endocrinol Metab* 39:53-62, Jul 74
 AMINO ACIDS, blood/ ARGININE, pharmacodynamics/ EATING/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ MALE/ *PROTEIN-CALORIE MALNUTRITION, physiopathology/
 *SOMATOTROPIN, blood/ TIME FACTORS
4244. Smith WB, Newsoroff GP: An NMR technique for carbon-5 configurations in 6-keto-delta7-steroids. *Steroids* 23:579-83, Apr 74
 ACETIC ACIDS/ COMPARATIVE STUDY/ EVALUATION STUDIES/ *KETOSTEROIDS/ METHODS/ MOLECULAR CONFORMATION/ NUCLEAR MAGNETIC RESONANCE
4245. Smitten NA, Zharikov SI, Budantsev AIu: Kolichestvennoe opredelenie liuminescentsii noradrenalina v paragangliakh. *Dokl Akad Nauk SSSR* 215:234-6, 1 Mar 74 (Rus)
 ADRENAL GLANDS, analysis/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *CHROMAFFIN SYSTEM, analysis/ CHROMAFFIN SYSTEM, drug effects/ MICROSCOPY, FLUORESCENCE/ *NOREPINEPHRINE, analysis/ RESERPINE, pharmacodynamics
4246. Smoake JA, Song SY, Cheung WY: Cyclic 3',5'-nucleotide phosphodiesterase. Distribution and developmental changes of the enzyme and its protein activator in mammalian tissues and cells. *Biochim Biophys Acta* 341:402-11, 25 Apr 74
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADIPOSE TISSUE, enzymology/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS, enzymology/ BONE MARROW, enzymology/ BRAIN, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, THIN LAYER/ ENZYME ACTIVATION/ ERYTHROCYTES, enzymology/ HUMAN/ LEUKOCYTES, enzymology/ LIVER, cytology/ LIVER, enzymology/ MALE/ ORGAN SPECIFICITY/ PHOSPHODIESTERASES, blood/ *PHOSPHODIESTERASES, metabolism/ *PROTEINS, pharmacodynamics/ SUBCELLULAR FRACTIONS, enzymology/ TESTIS, enzymology/ THYMUS GLAND, enzymology/ TRITIUM
4247. Smol'ianinov VM, Ashurbekov TR: Ob izmeneniiakh mikroelementnogo sostava volos v kachestve ekspertnykh kriteriev vidovoi i polovoi prikladnosti (na modeli sobak, koshek i svinef. *Sud Med Ekspert* 17:17-8, Jan-Mar 74 (Rus)
 ANIMAL EXPERIMENTS/ EXPERT TESTIMONY/ FEMALE/ *HAIR, analysis/ MALE/ *SEX DETERMINATION/ *SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ SWINE/ *TRACE ELEMENTS, analysis
4248. Smukler NM: Treatment of rheumatoid arthritis. *Del Med J* 46:189-92 passim, Apr 74
 ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, therapy/ ASPIRIN, therapeutic use/ CHLOROQUINE, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ GOLD, therapeutic use/ HUMAN/ HYDROXYCHLOROQUINE, therapeutic use/ INDOMETHACIN, therapeutic use/ MALE/ MIDDLE AGE/ PHENYLBUTAZONE, therapeutic use/ PHYSICAL THERAPY/ REST
4249. Smythe GA, Lazarus L: Growth hormone responses to melatonin in man. *Science* 184:1373-4, 28 Jun 74
 ADMINISTRATION, ORAL/ HUMAN/ HYPOTHALAMUS, secretion/ MALE/ MELATONIN, administration & dosage/ *MELATONIN, pharmacodynamics/ *SOMATOTROPIN, blood/ SOMATOTROPIN, secretion/ STIMULATION, CHEMICAL
4250. Smythe GA, Lazarus L: Suppression of human growth hormone secretion by melatonin and cyproheptadine. *J Clin Invest* 54:116-21, Jul 74
 BLOOD SUGAR, analysis/ BRAIN, metabolism/ BRAIN, secretion/ *BRAIN CHEMISTRY, drug effects/ CLINICAL RESEARCH/ *CYPROHEPTADINE, pharmacodynamics/ EXERTION/ HUMAN/ HYPOGLYCEMIA, metabolism/ HYPOGLYCEMIA, physiopathology/ INSULIN, diagnostic use/ MALE/ *MELATONIN, pharmacodynamics/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, metabolism/ *SOMATOTROPIN, secretion
4251. Snipes W, Cupp J, Sands JA, et al: Calcium requirement for assembly of the lipid-containing bacteriophage PM2. *Biochim Biophys Acta* 339:311-22, 29 Mar 74
 BACTERIOPHAGE, drug effects/ *BACTERIOPHAGE, metabolism/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CATIONS, DIVALENT/ CENTRIFUGATION, DENSITY GRADIENT/ DNA, VIRAL, biosynthesis/ MATHEMATICS/ OSMOLAR CONCENTRATION/ PSEUDOMONAS, drug effects/ *PSEUDOMONAS, metabolism/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM/ *VIRUS REPLICATION, drug effects
4252. Snyder DS: Von Willebrand's disease, hemophilia A, and factor VIII. *Hum Pathol* 5:277-89, May 74
 ADENOSINE DIPHOSPHATE, metabolism/ ANTIGEN-ANTIBODY REACTIONS/ AUTOSOME ABNORMALITIES/ BLOOD COAGULATION/ BLOOD PLATELETS, drug effects/ BLOOD TRANSFUSION/ COMPARATIVE STUDY/ CRYOGLOBULINS,

AUTHOR SECTION

- therapeutic use/ DIAGNOSIS, DIFFERENTIAL/
*FACTOR VIII, analysis/ FACTOR VIII,
biosynthesis/ FEMALE/ *HEMOPHILIA,
diagnosis/ HEMOPHILIA, familial & genetic/
HEMOPHILIA, immunology/ HUMAN/ MALE/
MODELS, BIOLOGICAL/ PLATELET
ADHESIVENESS/ SEROTONIN, metabolism/
SEX CHROMOSOME ABNORMALITIES/
THROMBOPLASTIN, metabolism/ *VON
WILLEBRAND'S DISEASE, diagnosis/ VON
WILLEBRAND'S DISEASE, drug therapy/ VON
WILLEBRAND'S DISEASE, familial & genetic/
VON WILLEBRAND'S DISEASE, immunology/
VON WILLEBRAND'S DISEASE, metabolism
4253. Snyder GG 3d, McCarthy RE, Toomey JM, et al: Nasal
septal perforation in systemic lupus erythematosus.
Arch Otolaryngol 99:456-7, Jun 74
ADMINISTRATION, ORAL/
ADMINISTRATION, TOPICAL/
ADOLESCENCE/ ADULT/ EPISTAXIS,
etiology/ FEMALE/ FLUORESCENT
ANTIBODY TECHNIC/ HUMAN/
HYDROXYCHLOROQUINE, therapeutic use/
IGA, analysis/ *LUPUS ERYTHEMATOSUS,
SYSTEMIC, complications/ LUPUS
ERYTHEMATOSUS, SYSTEMIC, drug therapy/
MALE/ *NASAL SEPTUM/ NASAL SEPTUM,
immunology/ NOSE DISEASES, complications/
NOSE DISEASES, etiology/ OINTMENTS/
PREDNISONE, administration & dosage/
PREDNISONE, therapeutic use/ RECURRENCE
4254. Snyder GG 3d, Toomey JM: Localized enlargement of
the thyroid gland presenting as a pyriform sinus mass.
Laryngoscope 84:963-9, Jun 74
DIAGNOSIS, DIFFERENTIAL/ HUMAN/
HYPERTROPHY/ *LARYNGEAL NEOPLASMS,
diagnosis/ LARYNGEAL NEOPLASMS,
radiography/ MALE/ METHODS/ MIDDLE
AGE/ PHARYNGEAL NEOPLASMS, diagnosis/
*THYROID DISEASES, diagnosis/ THYROID
DISEASES, pathology/ THYROID DISEASES,
radiography/ THYROID NEOPLASMS,
diagnosis/ THYROID NEOPLASMS,
radiography/ TOMOGRAPHY, RADIOGRAPHIC
4255. Snyder SH, Logan WJ, Bennett JP, et al: Amino acids as
central nervous transmitters: biochemical studies.
Neurosci Res 5:131-57, 1973 (43 ref.)
*AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ ASPARTIC ACID,
metabolism/ BIOLOGICAL TRANSPORT/
CENTRIFUGATION, DENSITY GRADIENT/
CEREBRAL CORTEX, cytology/ CEREBRAL
CORTEX, drug effects/ *CEREBRAL CORTEX,
metabolism/ COMPARATIVE STUDY/
GLUTAMATES, metabolism/ GLYCINE,
metabolism/ HISTAMINE, metabolism/
KINETICS/ MONOAMINE OXIDASE,
metabolism/ NOREPINEPHRINE, metabolism/
POTASSIUM, metabolism/ REVIEW/
SEROTONIN, metabolism/ SODIUM,
pharmacodynamics/ SPINAL CORD, cytology/
SPINAL CORD, drug effects/ *SPINAL CORD,
metabolism/ SUBCELLULAR FRACTIONS,
metabolism/ SYNAPTOSOMES, metabolism/
TRITIUM
4256. Sobis H, Vandeputte M: In utero tumor induction by
murine sarcoma virus (Moloney) in the rat. II.
Histological and ultrastructural characteristics.
Int J Cancer 11:543-54, May 73
ABORTION, INDUCED/ ANIMAL
EXPERIMENTS/ *CARCINOSARCOMA,
pathology/ DISGERMINOMA, pathology/
ENDOPLASMIC RETICULUM/ FEMALE/
INCLUSION BODIES, VIRAL/ LYMPHATIC
METASTASIS/ MICROSCOPY, ELECTRON/
*MOLONEY VIRUS/ NEOPLASM
METASTASIS/ NEOPLASM
TRANSPLANTATION/ NEOPLASMS,
EXPERIMENTAL, pathology/ PREGNANCY/
RATS/ STAINS AND STAINING/ *TERATOID
TUMOR, pathology/ TRANSPLANTATION,
HOMOLOGOUS/ UTERINE NEOPLASMS,
chemically induced/ *UTERINE NEOPLASMS,
pathology/ VITELLINE MEMBRANE, pathology
4257. Sobolev AS, Orekhov AN, Deev LI, et al: Rol'
endogennykh veshchestv v sozdanii fona povyshennoi
radiorezistentnosti. Soobshchenie. 4. Issledovanie
vlianiia serotonin na lipidnye radiosensibilizatory.
Radiobiologiya 14:206-9, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ CAROTENE,
radiation effects/ ENGLISH ABSTRACT/
*FATTY ACIDS, UNSATURATED, metabolism/
IN VITRO/ INTESTINE, SMALL, metabolism/
LIVER, metabolism/ MALE/ OLEIC ACID/
*PEROXIDES, metabolism/ RADIATION
EFFECTS/ *RADIATION-PROTECTIVE
AGENTS, pharmacodynamics/
RADIATION-SENSITIZING AGENTS/ RATS/
*SEROTONIN, pharmacodynamics/ TESTIS,
metabolism
4258. Soboleva VI, Tolova SV, Gurvich NC, et al: Osobennosti
techenia vosstanovitel'nogo perioda u zhivotnykh,
pereneskhikh Klinicheskuyu smert' i ozhivleniye s
pomoshch'yu iskusstvennogo krovoobrashcheniia.
Ann Ostet Ginecol Med Perinat 94:171-9, Mar 73 (Ita)
ENGLISH ABSTRACT/ FEMALE/
GESTATIONAL AGE/ HUMAN/ INFANT,
NEWBORN/ MATERNAL-FETAL EXCHANGE/
*PLACENTA, metabolism/ *PLACENTAL
LACTOGEN, blood/ PREGNANCY/
*PREGNANCY COMPLICATIONS, blood/
RADIOIMMUNOASSAY
4259. Sobrinho-Simões MA, Gonçalves V: Nuclear bodies in
papillary carcinomas of the human thyroid gland.
Arch Pathol 98:94-9, Aug 74
*CARCINOMA, PAPILLARY, pathology/ CELL
NUCLEOLUS/ *CELL NUCLEUS/ *CELLULAR
INCLUSIONS/ HUMAN/ MICROSCOPY,
ELECTRON/ *THYROID NEOPLASMS,
pathology
4260. Sochocky S: Cor pulmonale.
SD J Med 27:5-10, May 74 (21 ref.)
ADRENAL CORTEX HORMONES, therapeutic
use/ ANALEPTICS, therapeutic use/
ANTIBIOTICS, therapeutic use/
BRONCHODILATOR AGENTS, therapeutic use/
DICHLORPHENAMIDE, therapeutic use/
DOXAPRAM, pharmacodynamics/
EXPECTORANTS, therapeutic use/ HUMAN/
HYPNOTICS AND SEDATIVES, therapeutic
use/ LUNG DISEASES, OBSTRUCTIVE,
complications/ LUNG DISEASES,
OBSTRUCTIVE, prevention & control/ LUNG
DISEASES, OBSTRUCTIVE, therapy/ PEPTIDE
HYDROLASES, therapeutic use/ PHYSICAL
THERAPY/ PULMONARY HEART DISEASE,
complications/ PULMONARY HEART
DISEASE, etiology/ *PULMONARY HEART
DISEASE, therapy/ RESPIRATION, drug
effects/ RESPIRATORY INSUFFICIENCY,
etiology/ RESPIRATORY INSUFFICIENCY,
therapy/ REVIEW
4261. Södersten P: Effects of an estrogen antagonist, MER-25,
on mounting behavior and lordosis behavior in the
female rat. Horm Behav 5:11-21, Mar 74
*ALCOHOL, ETHYL, pharmacodynamics/
ANIMAL EXPERIMENTS/ ANISOLES,
pharmacodynamics/ BENZOATES,
pharmacodynamics/ CASTRATION/ COITUS,
drug effects/ DEPRESSION, CHEMICAL/
ESTRADIOL, pharmacodynamics/
*ETHYLAMINES, pharmacodynamics/
FEMALE/ MALE/ OILS, administration &
dosage/ ORGAN WEIGHT/ OVARY,
physiology/ *PHENYL ETHERS,
pharmacodynamics/ POSTURE/
PROGESTERONE, pharmacodynamics/
PROPIONATES, pharmacodynamics/ RATS/
*SEX BEHAVIOR, ANIMAL, drug effects/
STIMULATION, CHEMICAL/ TESTIS, anatomy
& histology/ TESTIS, drug effects/
TESTOSTERONE, pharmacodynamics/ TIME
FACTORS
4262. Södersten P, Larsson K: Lordosis behavior in castrated
male rats treated with estradiol benzoate or
testosterone propionate in combination with an
estrogen antagonist, MER-25, and in intact male rats.
Horm Behav 5:13-8, Mar 74
ALCOHOL, ETHYL, administration & dosage/
*ALCOHOL, ETHYL, pharmacodynamics/

AUTHOR SECTION

- ANIMAL EXPERIMENTS/ CASTRATION/
DEPRESSION, CHEMICAL/ DIETHYLAMINES,
administration & dosage/ DIETHYLAMINES,
pharmacodynamics/ ESTRADIOL, administration
& dosage/ *ESTRADIOL, pharmacodynamics/
*ESTROGENS, antagonists & inhibitors/
FEMALE/ INJECTIONS, SUBCUTANEOUS/
MALE/ PHENYL ETHERS, administration &
dosage/ PHENYL ETHERS, pharmacodynamics/
PHYSICAL STIMULATION/ POSTURE/ RATS/
*SEX BEHAVIOR, ANIMAL, drug effects/
STIMULATION, CHEMICAL/ TESTIS,
physiology/ TESTOSTERONE, administration &
dosage/ *TESTOSTERONE, pharmacodynamics/
TIME FACTORS
4263. Sodkin IS: Ob ogranichenii diagnoza "diéntséfal'nyi
sindrom". Klin Med (Mosk) 51:140-3, Sep 73 (Rus)
BRAIN DISEASES, classification/ *BRAIN
DISEASES, diagnosis/ *DIENCEPHALON/
HUMAN/ HYPOTHALAMUS/ SYNDROME
4264. Soergel KH, Mueller KH, Gustke RF, et al: Jejunal
calcium transport in health and metabolic bone
disease: Effect of vitamin D.
Gastroenterology 67:28-34, Jul 74
CALCIUM, blood/ *CALCIUM, metabolism/
CALCIUM, therapeutic use/ CALCIUM
RADIOISOTOPES/ DRUG EVALUATION/
FEMALE/ GLUCONATES, metabolism/
HUMAN/ *INTESTINAL ABSORPTION/
INTESTINAL MUCOSA, metabolism/
JEJUNUM, drug effects/ *JEJUNUM,
metabolism/ MALE/ OSMOTIC PRESSURE/
OSTEOPOROSIS, drug therapy/
OSTEOPOROSIS, metabolism/ PERFUSION/
RICKETS, drug therapy/ RICKETS,
metabolism/ RICKETS, VITAMIN D
RESISTANT, blood/ *RICKETS, VITAMIN D
RESISTANT, drug therapy/ RICKETS,
VITAMIN D RESISTANT, metabolism/
VITAMIN D, pharmacodynamics/ *VITAMIN D,
therapeutic use
4265. Soffer U, Caspi E, Hirsch H: [Monthly injection of
combined estrogen and gestagen for contraception]
Harefuah 86:303-7, 15 Mar 74 (Heb)
*ALGESTONE ACETOPHENIDE, administration
& dosage/ CAPRYLATES, administration &
dosage/ *CONTRACEPTIVE AGENTS,
administration & dosage/ ENGLISH
ABSTRACT/ *ESTRADIOL, administration &
dosage/ FEMALE/ HUMAN/ INJECTIONS,
INTRAMUSCULAR/ PREGNANCY/ TIME
FACTORS
4266. Sofia RD, Knobloch LC: The effect of
delta9-tetrahydrocannabinol pretreatment on
ketamine thiopental or CT-1341-induced loss of
righting reflex in mice.
Arch Int Pharmacodyn Ther 207:270-81, Feb 74
ANESTHESIA, INTRAVENOUS/
ANESTHETICS/ ANIMAL EXPERIMENTS/
*BEHAVIOR, ANIMAL, drug effects/
*CANNABIS, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/
DRUG COMBINATIONS/ DRUG
INTERACTIONS/ HYDROXYSTEROIDS/
*KETAMINE/ LETHAL DOSE 50/ MALE/
MICE/ *PREGNANEDIONES/ *REFLEX, drug
effects/ SLEEP, drug effects/
TETRAHYDROCANNABINOL,
pharmacodynamics/
TETRAHYDROCANNABINOL, toxicity/
*THIOPENTAL/ TIME FACTORS
4267. Sokabe H, Ogawa M: Comparative studies of the
juxtaglomerular apparatus.
Int Rev Cytol 37:271-327, 1974
*AMPHIBIA, anatomy & histology/
ANGIOTENSIN, analysis/ ANGIOTENSIN,
physiology/ ANGIOTENSIN II, analysis/
ANGIOTENSIN II, physiology/ ANIMAL
EXPERIMENTS/ *BIRDS,
anatomy & histology/ COMPARATIVE STUDY/
*CYCLOSTOMES, anatomy & histology/
*FISHES, anatomy & histology/
JUXTAGLOMERULAR APPARATUS, analysis/
*JUXTAGLOMERULAR APPARATUS, anatomy
& histology/ JUXTAGLOMERULAR
- APPARATUS, physiology/ *MAMMALS,
anatomy & histology/ RENIN, analysis/
RENIN, physiology/ *REPTILES, anatomy &
histology/ REVIEW
4268. Sokolov VE, Khorlina IM, Golovnia RV, et al: Izmenenie
sostava aminov v letuchikh veshchestvakh
vaginál'nykh vydeleniyamerikanskikh norok (Mustela
vison) v zavisimosti ot polovogo tsikla.
Dokl Akad Nauk SSSR 216:220-2, 1 May 74 (Rus)
*AMINES, analysis/ *ANIMAL
COMMUNICATION/ ANIMAL EXPERIMENTS/
BUTYLAMINES, analysis/
CHROMATOGRAPHY, GAS/ *ESTRUS/
ETHYLAMINES, analysis/ FEMALE/
METHYLAMINES, analysis/ *MINK,
physiology/ PICOLINE, analysis/
PIPERIDINES, analysis/ PROPYLAMINES,
analysis/ PYRIDINES, analysis/ PYRROLES,
analysis/ *VAGINA, secretion
4269. Sokolov VI: O reaktsii kory nadpochechnikov
intaktnykh i kastrirovannykh gryzunov na
formal'novyi stress.
Zh Evol Biokhim Fiziol 10:171-5, Mar-Apr 74 (Rus)
ACID PHOSPHATASE, metabolism/ ADRENAL
GLANDS, enzymology/ ADRENAL GLANDS,
metabolism/ ADRENAL GLANDS, pathology/
*ADRENAL GLANDS, physiopathology/
ALKALINE PHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ ASCORBIC ACID,
metabolism/ *CASTRATION/ *CELL
NUCLEUS/ COMPARATIVE STUDY/ ENGLISH
ABSTRACT/ FORMALDEHYDE/ HAMSTERS/
HISTOCYTOCHEMISTRY/ KARYOMETRY/
KETOSTEROIDS, metabolism/ LIPIDS,
metabolism/ MALE/ RATS/ *STRESS,
chemically induced/ STRESS, enzymology/
STRESS, pathology/ STRESS, physiopathology
4270. Solari A: Etude quantitative d'organes ou de tissus. I.
Méthodes d'estimation des volumes.
Ann Biol Anim Biokhim Biophys 13:247-65, 1973 (Fre)
ANIMAL EXPERIMENTS/ CELL NUCLEUS/
CYPRINIDAE/ *CYTOLOGY/ CYTOPLASM/
ENGLISH ABSTRACT/ HUMAN/ LIVER,
cytology/ MATHEMATICS/ METHODS/
MICROSCOPY, ELECTRON/ NEOPLASMS,
pathology/ SPERMATOGENESIS/ SURFACE
PROPERTIES/ TESTIS, physiology/ THYROID
GLAND, cytology/ THYROID GLAND,
immunology
4271. Solis RT, Wright CB, Gibbs MB: A model for
quantitating in vivo platelet aggregation.
Bibl Anat 12:223-8, 1973
ADENOSINE DIPHOSPHATE, administration &
dosage/ ADENOSINE DIPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
ARTERIES/ BLOOD CELL COUNT/ BLOOD
PLATELETS, drug effects/ COMPARATIVE
STUDY/ DOSE-RESPONSE RELATIONSHIP,
DRUG/ METHODS/ MODELS, BIOLOGICAL/
PARTICLE SIZE/ *PLATELET
ADHESIVENESS, drug effects/
PROTAGLANDINS, pharmacodynamics/ RATS/
TIME FACTORS/ VEINS
4272. Soloff MS, Swartz TL, Steinberg AH: Oxytocin
receptors in human uterus.
J Clin Endocrinol Metab 38:1052-6, Jun 74
BINDING, COMPETITIVE/ BINDING SITES/
FEMALE/ HUMAN/ *OXYTOCIN/
PREGNANCY/ *RECEPTORS, HORMONE/
TRITIUM/ *UTERUS, cytology
4273. Solomon L: Fracture of the femoral neck in the elderly:
bone aging or disease? S Afr J Surg 11:269-79, Dec 73
AGED/ FEMALE/ *FEMORAL FRACTURES,
etiology/ FEMORAL NECK FRACTURES,
etiology/ HUMAN/ MALE/ MIDDLE AGE/
*OSTEOMALACIA, complications/
OSTEOMALACIA, diagnosis/ PROSPECTIVE
STUDIES/ SOUTH AFRICA/ VITAMIN D
DEFICIENCY, complications
4274. Solov'ev VD, Baktemirov TA, Fedorova IuB, et al:
Opređenje interferonobrazovanja leukocitami
krovi u bol'nykh s zabolevaniyami endokrinnoi
sistemy.

AUTHOR SECTION

- Probl Endokrinol (Mosk) 20:21-4, Mar-Apr 74 (Rus)
ADULT/ CUSHING'S SYNDROME, blood/
*CUSHING'S SYNDROME, immunology/
DIABETES MELLITUS, blood/ *DIABETES
MELLITUS, immunology/ ENGLISH
ABSTRACT/ HUMAN/ HYPOTHYROIDISM,
blood/ *HYPOTHYROIDISM, immunology/ IN
VITRO/ *INTERFERON, biosynthesis/
INTERFERON INDUCERS, analysis/
*LEUKOCYTES, immunology/ MIDDLE AGE
4275. Solov'eva EP: Osobennosti kol'potsitogrammy plodov
cheloveka.
Aktuel Probl Klin Biochem 49:51-5, Jul 73 (Rus)
ENGLISH ABSTRACT/ ESTROGENS,
physiology/ FEMALE/ *FETUS, cytology/
HUMAN/ PREGNANCY/ PREGNANCY
COMPLICATIONS, pathology/
PROGESTATIONAL HORMONES/ *VAGINAL
SMEARS
4276. Solov'eva LP: Po povodu diskussionnoi stat'i A.K.
Merzona i L.V. Khorunzhe "O roli
antidiuretičeskogo gormona v narusheniiakh
vodno-elektrolitnogo obmena pri serdechnoi
nedostatočnosti". Kardiologija 15:151-4, 1974 (Rus)
EDEMA, etiology/ HEART DISEASES, blood/
HEART DISEASES, complications/ HEART
DISEASES, metabolism/ *HEART DISEASES,
physiopathology/ HUMAN/ VASOPRESSIN,
blood/ *VASOPRESSIN, metabolism/
VASOPRESSIN, secretion/
*WATER-ELECTROLYTE BALANCE
4277. Soloway AH, Davis MA: Survey of
radiopharmaceuticals and their current status.
J Pharm Sci 63:647-65, May 74 (103 ref.)
ANTIBODIES/ BLOOD PROTEINS, metabolism/
BONE AND BONES/ BONE MARROW/
BRAIN/ CHLORMERODRIN, diagnostic use/
*DRUGS/ GASES/ HALF-LIFE/
IMMUNOCHEMISTRY/ IODINE
RADIOISOTOPES/ LIGANDS/ LIVER,
radiography/ LUNG/ NEOPLASMS/
PANCREAS/ PHAGOCYTOSIS/
*RADIOISOTOPE SCANNING/
RADIOISOTOPES, diagnostic use/
RADIOISOTOPES, therapeutic use/
*RADIOISOTOPES, therapeutic use/
RADIOMETRY/ REVIEW/ SELENIUM
4278. Somlyo AP, Somlyo AV, Devine CE, et al: Electron
microscopy and electron probe analysis of
mitochondrial cation accumulation in smooth muscle.
J Cell Biol 61:723-42, Jun 74
ANIMAL EXPERIMENTS/ BARIUM,
metabolism/ CALCIUM, metabolism/
CYTOPLASMIC GRANULES/ ELECTRON
PROBE MICROANALYSIS/ HYDROGEN-ION
CONCENTRATION/ MALE/ MESENTERIC
VEINS, cytology/ MICROSCOPY, ELECTRON/
*MITOCHONDRIA, MUSCLE, metabolism/
MUSCLE CONTRACTION/ MUSCLE, SMOOTH,
cytology/ *MUSCLE, SMOOTH, metabolism/
PHOSPHORUS, metabolism/ SARCOPLASMIC
RETICULUM, metabolism/ STRONTIUM,
metabolism
4279. Sommerville JF: Recenti sviluppi nello studio degli
androgeni endogeni nella donna.
Minerva Ginecol 26:166-75, Mar 74 (Ita)
*ANDROGENS, metabolism/ FEMALE/
HIRSUTISM, metabolism/ HUMAN/
MENSTRUATION/ OVULATION
4280. Sonderegger P: Der juxtaglomeruläre Apparat der
Nieren bei Diabetes insipidus.
Beitr Pathol 151:361-72, Apr 74 (Ger)
BRAIN NEOPLASMS, complications/
DIABETES INSIPIDUS, etiology/ *DIABETES
INSIPIDUS, pathology/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ HYPERPLASIA/
JUXTAGLOMERULAR APPARATUS,
metabolism/ *JUXTAGLOMERULAR
APPARATUS, pathology/ KIDNEY DISEASES,
pathology/ MALE/ MYOBLASTOMA,
complications/ PINEALOMA, complications/
RENIN, metabolism/ WATER-ELECTROLYTE
BALANCE
4281. Sood VD, Pasricha JS: Pemphigus and Hodgkin's
disease. Br J Dermatol 90:575-8, May 74
ACANTHOLYSIS/ BIOPSY/ BLISTER,
pathology/ CYCLOPHOSPHAMIDE, therapeutic
use/ *HODGKIN'S DISEASE, complications/
HODGKIN'S DISEASE, drug therapy/ HUMAN/
LYMPH NODES, pathology/ MALE/
*PEMPHIGUS, complications/ PEMPHIGUS,
drug therapy/ PREDNISONE, therapeutic use/
RECURRENCE/ REMISSION
4282. Sorsa V: Organization of chromomeres.
Cold Spring Harbor Symp Quant Biol 38:601-8, 1973
ANIMAL EXPERIMENTS/ CHROMOSOME
MAPPING/ *CHROMOSOMES/ DNA/ DNA,
CIRCULAR/ *DROSOPHILA MELANOGASTER,
cytology/ GENES/ HISTONES/ MICROSCOPY,
ELECTRON/ MITOSIS/ RNA/ SEX
CHROMOSOMES
4283. Soska S, Czekanowski R, Litorowicz A: Badania nad
zastosowaniem prostaglandyny F2 alpha w
indukowaniu porodu w przypadkach obumarcia płodu.
Ginek Pol 45:465-71, Apr 74 (Pol)
DRUG EVALUATION/ ENGLISH ABSTRACT/
FEMALE/ *FETAL DEATH/ GESTATIONAL
AGE/ HUMAN/ *LABOR, INDUCED/ PARITY/
PREGNANCY/ *PROSTAGLANDINS,
pharmacodynamics
4284. Souhami R, Owen JJ, Seeger RC: A method for growing,
freeze-storing and isotopically labelling human
tumour cells for in vitro assays of tumour immunity.
J Immunol Methods 5:137-46, Jul 74
ADENOCARCINOMA, immunology/ BREAST
NEOPLASMS, immunology/ BRONCHIAL
NEOPLASMS, immunology/ CELL ADHESION/
CELL SURVIVAL/ CELLS, CULTURED/
FEMALE/ FREEZING/ HUMAN/ ISOTOPE
LABELING/ KIDNEY NEOPLASMS,
immunology/ METHODS/ *NEOPLASMS,
immunology/ OVARIAN NEOPLASMS,
immunology/ *PLEURAL EFFUSION, cytology/
PRESERVATION, BIOLOGICAL/ *TISSUE
CULTURE
4285. Soumar J: Zemfel doc. MUDr. K. Silink, DrSc.
Cesk Farm 22:429-30, Nov 73 (Cze)
CURRENT BIOG-OBIT/ CZECHOSLOVAKIA/
*ENDOCRINOLOGY, history/ HISTORICAL
ARTICLE
4286. Soumar J, Blahoš J: Kloubní symptomatologie při
antitireoidální léčbě.
Fysiatr Reumatol Vestn 52:97-100, Apr 74 (Cze)
ADOLESCENCE/ ADULT/ AGED/
*CARBIMAZOLE, adverse effects/
CARBIMAZOLE, therapeutic use/ ENGLISH
ABSTRACT/ HUMAN/ IODINE
RADIOISOTOPES/ MIDDLE AGE/
*RHEUMATISM, chemically induced/
*THYROID DISEASES, drug therapy
4287. Soumarmon A, Lewin M, Cheret AM, et al: Gastric
HCO3-stimulated ATPase: evidence against its
microsomal localization in rat fundus mucosa.
Biochim Biophys Acta 339:403-14, 29 Mar 74
ACID PHOSPHATASE, metabolism/
*ADENOSINE TRIPHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ *BICARBONATES,
pharmacodynamics/ CENTRIFUGATION,
DENSITY GRADIENT/ CYTOCHROME C/
CYTOCHROME OXIDASE, metabolism/
CYTOPLASM, enzymology/ GASTRIC
MUCOSA, cytology/ GASTRIC MUCOSA, drug
effects/ *GASTRIC MUCOSA, enzymology/
HYDROGEN-ION CONCENTRATION/
KINETICS/ MAGNESIUM, pharmacodynamics/
MICROSOMES, enzymology/ NUCLEOTIDASES,
metabolism/ SOLUBILITY/
SPECTROPHOTOMETRY/ SUBCELLULAR
FRACTIONS, drug effects/ SUBCELLULAR
FRACTIONS, enzymology/ SURFACE-ACTIVE
AGENTS/ THIOCYANATES,
pharmacodynamics/ ULTRACENTRIFUGATION
4288. Southam AL: Scale of use, safety and impact of birth
control methods. Contraception 8:1-11, Jul 73 (15 ref.)
ADULT/ ATTITUDE/ CONTRACEPTIVE
AGENTS/ CONTRACEPTIVE DEVICES/

AUTHOR SECTION

- CONTRACEPTIVES, ORAL/
CONTRACEPTIVES, ORAL, adverse effects/
ETHNIC GROUPS/ EVALUATION STUDIES/
FAMILY PLANNING/ FEMALE/ HUMAN/
INTRAUTERINE DEVICES/ INTRAUTERINE
DEVICES, adverse effects/ MALE/
MORTALITY/ PESSARIES/ REVIEW/ SEX
BEHAVIOR/ SEX EDUCATION/
STERILIZATION, TUBAL/ VASECTOMY
4289. Spangberg L, Engström B, Langeland K: Biologic effects of dental materials. 3. Toxicity and antimicrobial effect of endodontic antiseptics in vitro. *Oral Surg* 36:856-71, Dec 73
ANTI-INFECTIVE AGENTS, LOCAL, adverse effects/ *ANTI-INFECTIVE AGENTS, LOCAL, pharmacodynamics/ BIGUANIDES, pharmacodynamics/ CANDIDA, drug effects/ CHROMIUM RADIOISOTOPES/ COMPARATIVE STUDY/ DRUG RESISTANCE, MICROBIAL/ EVALUATION STUDIES/ FORMOCRESOLS, pharmacodynamics/ HELA CELLS, drug effects/ HEXEDINE, pharmacodynamics/ HUMAN/ IN VITRO/ IODIDES, pharmacodynamics/ IODINE, pharmacodynamics/ IRRIGATION/ L CELLS, drug effects/ *MICROBIAL SENSITIVITY TESTS/ PHENOLS, pharmacodynamics/ POTASSIUM IODIDE, pharmacodynamics/ *PSEUDOMONAS AERUGINOSA, drug effects/ *ROOT CANAL THERAPY/ SODIUM CHLORIDE, pharmacodynamics/ *STAPHYLOCOCCUS, drug effects/ STREPTOCOCCUS FAECALIS, drug effects
4290. Sparagana M, Kucera L: Modification of the competitive protein-binding assay for corticosterone: serial measurements in the rat. *Biochem Med* 9:363-7, Apr 74
ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ CATHETERIZATION/ CIRCADIAN RHYTHM/ COMPARATIVE STUDY/ *CORTICOSTERONE, blood/ EVALUATION STUDIES/ JUGULAR VEIN/ MALE/ METHODS/ MICROCHEMISTRY/ PROTEIN BINDING/ RATS/ TIME FACTORS/ TRITIUM
4291. Spathis GS, Bloom SR, Jeffcoate WJ, et al: Subcutaneous glucagon as a test of the ability of the pituitary to secrete GH and ACTH. *Clin Endocrinol (Oxf)* 3:175-86, Apr 74
ACROMEGALY, metabolism/ AUTOANALYSIS/ BLOOD SUGAR, metabolism/ CORTICOTROPIN, blood/ CORTICOTROPIN, metabolism/ *CORTICOTROPIN, secretion/ EVALUATION STUDIES/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *GLUCAGON, diagnostic use/ GLYCERIN, blood/ HUMAN/ HYDROCORTISONE, blood/ HYPOGLYCEMIA, metabolism/ INSULIN, diagnostic use/ MALE/ METHODS/ PITUITARY GLAND, metabolism/ *PITUITARY GLAND, secretion/ PITUITARY NEOPLASMS, metabolism/ PROTEIN BINDING/ RADIOLIGAND ASSAY/ SOMATOTROPIN, blood/ SOMATOTROPIN, metabolism/ *SOMATOTROPIN, secretion/ TIME FACTORS
4292. Specht H, Fruhmann G: Sarkoidose und Lungenfunktion. *Prax Pneumol* 28:99-108, Feb 74 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LUNG, physiopathology/ LUNG DISEASES, diagnosis/ LUNG DISEASES, drug therapy/ *LUNG DISEASES, physiopathology/ LUNG DISEASES, radiography/ MALE/ MIDDLE AGE/ RESPIRATORY FUNCTION TESTS/ SARCOIDOSIS, diagnosis/ SARCOIDOSIS, drug therapy/ *SARCOIDOSIS, physiopathology/ SARCOIDOSIS, radiography
4293. Spector D, Zusman RM, Caldwell BV, et al: The distribution of prostaglandins A, E, and F in the human kidney. *Prostaglandins* 6:263-70, 10 May 74
ADULT/ ANIMAL EXPERIMENTS/ CHILD/ DOGS/ FREEZING/ HUMAN/ *KIDNEY, analysis/ MALE/ METHODS/ ORGAN CULTURE/ *PROSTAGLANDINS, analysis/ RABBITS/ RADIOIMMUNOASSAY/ TIME FACTORS/ URETER, analysis
4294. Spehlmann R, Stahl SM: Neuronal hyposensitivity to dopamine in the caudate nucleus depleted of biogenic amines by tegmental lesions. *Exp Neurol* 42:703-8, Mar 74
*AMINOBUTYRIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATS/ *CAUDATE NUCLEUS, drug effects/ CAUDATE NUCLEUS, metabolism/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DOPAMINE, metabolism/ *DOPAMINE, pharmacodynamics/ *GLUTAMATES, pharmacodynamics/ NOREPINEPHRINE, metabolism/ SEROTONIN, metabolism/ STIMULATION, CHEMICAL/ *TEGMENTUM MESENCEPHALI, physiology
4295. Speiller PB, Kikkawa Y, Velth FJ, et al: Steroid protection of a pulmonary xenograft model. *Surg Forum* 23:272-3, 1972
ANIMAL EXPERIMENTS/ *LUNG, transplantation/ *METHYLPREDNISOLONE, pharmacodynamics/ PLASMA, immunology/ *TRANSPLANTATION, HETEROLOGOUS
4296. Spellacy WN, Birk SA: The effects of mechanical and steroid contraceptive methods on blood pressure in hypertensive women. *Fertil Steril* 25:467-70, Jun 74
*BLOOD PRESSURE, drug effects/ BODY WEIGHT, drug effects/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *CONTRACEPTIVE DEVICES, adverse effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHYNODIOL DIACETATE, pharmacodynamics/ ETHYNODIOL DIACETATE, therapeutic use/ FEMALE/ HUMAN/ *HYPERTENSION, chemically induced/ INTRAUTERINE DEVICES, adverse effects/ MESTRANOL, pharmacodynamics/ MESTRANOL, therapeutic use/ NORGESTREL, pharmacodynamics/ NORGESTREL, therapeutic use
4297. Sperling K, Rao FN: Mammalian cell fusion. V. Replication behaviour of heterochromatin as observed by premature chromosome condensation. *Chromosoma* 45:121-31, 14 Mar 74
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CELL FUSION/ CELL LINE/ *CHROMOSOMES/ DNA REPLICATION/ HELA CELLS/ *HETEROCHROMATIN/ *HYBRID CELLS, cytology/ IN VITRO/ MITOSIS/ RODENTS/ SEX CHROMOSOMES/ THYMIDINE/ TRITIUM
4298. Sperling O, Weinberger A, Oliver I, et al: Hypouricemia, hypercalciuria and decreased bone density. A new hereditary syndrome. *Adv Exp Med Biol* 41:717-21, 1974
*BONE AND BONES, metabolism/ *CALCIUM, metabolism/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ KIDNEY TUBULES, metabolism/ MALE/ MIDDLE AGE/ PEDIGREE/ PURINE-PYRIMIDINE METABOLISM, INBORN ERRORS, familial & genetic/ *PURINE-PYRIMIDINE METABOLISM, INBORN ERRORS, metabolism/ PYRAZINAMIDE, diagnostic use/ SYNDROME/ TIME FACTORS/ *URIC ACID, metabolism
4299. Sperling R, Gorecki M: The role of the internal cross-link in oxytocin. Preparation of mercury mercaptide oxytocin derivatives. *Biochemistry* 13:2347-53, 21 May 74
ACRYLAMIDES/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHLORIDES/ CIRCULAR DICHROISM/ DISULFIDES/ FEMALE/ LIPOIC ACID/ *MERCURY/ MODELS, CHEMICAL/ MUSCLE CONTRACTION, drug effects/ OXIDATION-REDUCTION/ OXYTOCIN, analysis/ *OXYTOCIN, pharmacodynamics/ POTENTIOMETRY/ PROTEIN CONFORMATION/ RATS/ SPECTROMETRY, FLUORESCENCE/ SPECTROPHOTOMETRY,

AUTHOR SECTION

ULTRAVIOLET/ STRUCTURE-ACTIVITY
RELATIONSHIP/ *SULFHYDRYL
COMPOUNDS/ TYROSINE/ UTERUS, drug
effects

4300. Spielhoff R, Bresch H, Hönig M, et al: Milk as transport agent for diethylnitrosamine in Syrian golden hamsters. *J Natl Cancer Inst* 53:281-2, Jul 74
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ FEMALE/ *LACTATION/ *MILK, analysis/ *NITROSAMINES, analysis

4301. Spielman H, Erickson RP, Epstein CJ: The production of antibodies against mammalian LDH-1. *Anal Biochem* 59:462-7, Jun 74
ACRYLAMIDES/ ADJUVANTS, IMMUNOLOGIC/ ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ *ANTIGENS/ CHROMATOGRAPHY, AFFINITY/ COMPARATIVE STUDY/ CROSS REACTIONS/ CRYSTALLIZATION/ ELECTROPHORESIS, DISC/ GEL DIFFUSION TESTS/ *LACTATE DEHYDROGENASE ISOENZYMES, isolation & purification/ MALE/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ RABBITS, immunology/ SWINE/ TESTIS, enzymology

4302. Spiegel SC, Coltman CA Jr: Vinblastine (NSC-49842) and bleomycin (NSC-125066) therapy for disseminated testicular tumors. *Cancer Chemother Rep* 58:213-6, Mar-Apr 74
BLEOMYCIN, administration & dosage/ BLEOMYCIN, adverse effects/ *BLEOMYCIN, therapeutic use/ DRUG THERAPY, COMBINATION/ HUMAN/ LUNG NEOPLASMS, drug therapy/ MALE/ NEOPLASM METASTASIS/ REMISSION/ *TESTICULAR NEOPLASMS, drug therapy/ VINBLASTINE, administration & dosage/ VINBLASTINE, adverse effects/ *VINBLASTINE, therapeutic use

4303. Spilker BA, McKeon WB Jr, Arnold A: Guinea-pig atrial and pulmonary beta-adrenoceptors. *Arch Int Pharmacodyn Ther* 207:220-30, Feb 74
ADRENERGIC BETA RECEPTOR AGONISTS, pharmacodynamics/ ALCOHOLS, pharmacodynamics/ AMINO ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BUTYLAMINES, pharmacodynamics/ CATECHOL, pharmacodynamics/ COCAINE, pharmacodynamics/ CYCLOHEPTANES, pharmacodynamics/ GUINEA PIGS/ HEART ATRIUM, drug effects/ *HEART ATRIUM, metabolism/ HEART RATE, drug effects/ IN VITRO/ ISOPROTERENOL, pharmacodynamics/ LUNG, drug effects/ *LUNG, metabolism/ NOREPINEPHRINE, pharmacodynamics/ PERFUSION/ PHENTOLAMINE, pharmacodynamics/ PROPYLAMINES, pharmacodynamics/ RECEPTORS, ADRENERGIC, drug effects/ SEROTONIN, antagonists & inhibitors/ SYMPATHOMIMETICS, pharmacodynamics

4304. Spira PJ, Welch KM, Lance JW: The effect of humoral agents on the cranial circulation of the monkey. *Proc Aust Assoc Neurol* 10:97-103, 1973
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CARBON DIOXIDE/ CAROTID ARTERY, EXTERNAL, drug effects/ CAROTID ARTERY, EXTERNAL, physiology/ CAROTID ARTERY, INTERNAL, drug effects/ CAROTID ARTERY, INTERNAL, physiology/ *CEREBROVASCULAR CIRCULATION, drug effects/ CONSTRICTION/ DEPRESSION, CHEMICAL/ DILATATION/ MACACA/ *PROSTAGLANDINS, pharmacodynamics/ RESPIRATION/ *SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL/ VASCULAR RESISTANCE, drug effects

4305. Spirer Z, Soferman R, Bogair N: Letter: Renal abnormalities in the Russell-Silver syndrome. *Pediatrics* 54:120, Jul 74
ABNORMALITIES, MULTIPLE, radiography/ *CRANIOFACIAL DYSOSTOSIS, radiography/ *DWARFISM, congenital/ DWARFISM, radiography/ HUMAN/ HYDRONEPHROSIS,

radiography/ *KIDNEY, abnormalities/ KIDNEY, radiography/ KIDNEY PELVIS, surgery/ MALE/ SYNDROME/ URETERAL OBSTRUCTION, surgery/ VESICO-URETERAL REFLUX, radiography

4306. Spirichev VB: Protseessy perekislogo oksisleniia i rol' alimentarnykh faktorov v ego regulatsii. *Vopr Pitan* 33:9-19, May-Jun 74 (Rus)
*ANTIOXIDANTS/ AVITAMINOSIS, metabolism/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ CELL MEMBRANE PERMEABILITY/ LIPIDS, metabolism/ NICOTINIC ACID, pharmacodynamics/ *NUTRITION/ NUTRITIONAL REQUIREMENTS/ *OXIDATION-REDUCTION/ OXIDATIVE PHOSPHORYLATION/ PEROXIDASES, metabolism/ PEROXIDES, metabolism/ PROTEINS, metabolism/ VITAMIN D, pharmacodynamics

4307. Spiridonov AA, Alimzhanov NK, Litvinov AP, et al: Khirurgicheskoe lechenie vazo-renal'noi gipertenzii. *Vestn Akad Med Nauk SSSR* 29:83-8, 1974 (Rus)
AORTA, ABDOMINAL, surgery/ AORTIC ARCH SYNDROMES, physiopathology/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, RENAL, blood/ *HYPERTENSION, RENAL, surgery/ RENAL ARTERY, surgery/ RENAL ARTERY OBSTRUCTION, blood/ *RENAL ARTERY OBSTRUCTION, surgery/ RENIN, blood

4308. Spitzer A, Edelmann CM Jr, Goldberg LD, et al: Short stature, hyperkalemia and acidosis: A defect in renal transport of potassium. *Kidney Int* 3:251-7, Apr 73
ACIDOSIS, drug therapy/ *ACIDOSIS, etiology/ ALDOSTERONE, antagonists & inhibitors/ BICARBONATES, therapeutic use/ CHLOROTHIAZIDE, therapeutic use/ *DWARFISM, etiology/ HUMAN/ *HYPERKALEMIA, complications/ HYPERKALEMIA, diagnosis/ HYPERKALEMIA, drug therapy/ MALE/ POTASSIUM, blood/ *POTASSIUM, metabolism/ POTASSIUM, urine/ RENAL TUBULAR TRANSPORT, INBORN ERRORS, complications/ *RENAL TUBULAR TRANSPORT, INBORN ERRORS, metabolism/ SODIUM, blood/ SPIRONOLACTONE, pharmacodynamics

4309. Splawiński JA, Reichenberg K, Vetulani J, et al: Hyperthermic effect of intraventricular injections of arachidonic acid and prostaglandin E2 in the rat. *Pol J Pharmacol Pharm* 26:101-7, Jan-Apr 74
ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, administration & dosage/ *ARACHIDONIC ACID, pharmacodynamics/ ASPIRIN, therapeutic use/ *BODY TEMPERATURE, drug effects/ CEREBRAL VENTRICLES/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEVER, chemically induced/ FEVER, drug therapy/ HYPOTHERMIA, chemically induced/ INJECTIONS/ MALE/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics

4310. Spona J, Lunglmayr G: Physiologie des hypophysär-testikulären Regulationssystems des Mannes; radioimmunologische Hormonuntersuchungen. *Wien Klin Wochenschr* 86:311-5, 31 May 74 (Ger)
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEEDBACK/ *FSH, blood/ GONADOTROPINS, CHORIONIC, blood/ HUMAN/ *LH, blood/ *LH-FSH RELEASING HORMONE, blood/ MALE/ *PITUITARY GLAND, physiology/ PUBERTY/ RADIOIMMUNOASSAY/ STERILITY, MALE, diagnosis/ STERILITY, MALE, metabolism/ *TESTIS, physiology/ TESTOSTERONE, blood

4311. Squartini F, Bolla GB, Rossi G: BALB-cfr3: a new high mammary-tumor and high leukemia mouse strain. *J Natl Cancer Inst* 52:1635-41, May 74
AGE FACTORS/ ANIMAL EXPERIMENTS/ FEMALE/ LEUKEMIA, EXPERIMENTAL/ *LEUKEMIA, LYMPHOCYTIC/ LUNG

AUTHOR SECTION

- NEOPLASMS/ MALE/ MAMMARY CANCER
VIRUS/ *MAMMARY NEOPLASMS,
EXPERIMENTAL/ MICE/ MICE, INBRED
BALB C/ *MICE, INBRED STRAINS/ MILK/
MOUSE LEUKEMIA. VIRUSES/ NEOPLASMS,
MULTIPLE PRIMARY/ OVARIAN
NEOPLASMS/ PREGNANCY
4312. Srámková L, Douřádk S, Cermáková D: Activation of lymphocytes in peripheral blood in parainfectious encephalitis associated with exanthema.
Scand J Infect Dis 6:23-7, 1974
ADOLESCENCE/ ADRENAL CORTEX
HORMONES, therapeutic use/ *CHICKENPOX,
blood/ CHICKENPOX, complications/ CHILD/
CHILD, PRESCHOOL/ COMPARATIVE
STUDY/ *ENCEPHALITIS, blood/
ENCEPHALITIS, complications/
ENCEPHALITIS, drug therapy/
ENCEPHALITIS, etiology/ ENCEPHALITIS,
pathology/ ENCEPHALITIS, physiopathology/
ENCEPHALOMYELITIS, ALLERGIC/ HUMAN/
INFANT/ *LYMPHOCYTE
TRANSFORMATION/ *MEASLES, blood/
MEASLES, complications/ RNA, biosynthesis/
*RUBELLA, blood/ TOLONIUM CHLORIDE
4313. Srivastava RN, Gupta PC, Mayekar G, et al: Cockayne's syndrome in two sisters.
Acta Paediatr Scand 63:461-4, May 74
ABNORMALITIES, MULTIPLE/ BIOPSY/
CASE REPORT/ CEREBRAL SCLEROSIS,
DIFFUSE, diagnosis/ CEREBRAL SCLEROSIS,
DIFFUSE, pathology/ *CHROMOSOMES,
HUMAN, 6-12/ *DWARFISM, diagnosis/
DWARFISM, pathology/
ELECTROENCEPHALOGRAPHY/ FACE/
FEMALE/ GAIT/ HUMAN/ MALE/
MICROSCOPY, ELECTRON/ MYELIN
SHEATH/ NEURAL CONDUCTION/
PROGERIA/ SPEECH/ SURAL NERVE,
pathology/ SYNDROME/ *TRISOMY
4314. Stadnicka A, Szoltyś M, Witkowska E: Effect of estradiol on the mouse female reproductive system in organ culture. Acta Histochem (Jena) 46:267-80, 1973
ALKALINE PHOSPHATASE, analysis/
ANIMAL EXPERIMENTS/ ENDOMETRIUM,
enzymology/ *ESTRADIOL, pharmacodynamics/
FALLOPIAN TUBES, drug effects/
FALLOPIAN TUBES, enzymology/ FEMALE/
*GENITALIA, FEMALE, drug effects/ MICE/
MICE, INBRED C57BL/ ORGAN CULTURE/
OVARY, drug effects/ OVARY, enzymology/
TIME FACTORS/ UTERUS, drug effects/
UTERUS, enzymology/ VAGINA, drug effects/
VAGINA, enzymology
4315. Staemmler HJ: Klimakterische Störungen.
Dtach Med Wochenschr 99:423, 1 Mar 74 (Ger)
*CLIMACTERIC, drug effects/ *DEPRESSION,
diagnosis/ ESTRIOL, therapeutic use/
ESTROGENIC SUBSTANCES, CONJUGATED,
therapeutic use/ *ESTROGENS, therapeutic
use/ FEMALE/ HUMAN/ *MENSTRUATION
DISORDERS, drug therapy/ MIDDLE AGE/
*PSYCHOPHYSIOLOGIC DISORDERS, drug
therapy
4316. Stainier C: L'utilisation du thiocyanate de cobalt dans l'analyse des bases organiques.
Farmaco [Prat] 29:119-35, Mar 74 (Fre)
*ALKALOIDS, isolation & purification/
CHELATING AGENTS/ *COBALT/
*THIOCYANATES
4317. Stalker AL: The entry of placental thromboplastin into the maternal and fetal circulations.
Bibl Anat 12:55-7, 1973
*DISSEMINATED INTRAVASCULAR
COAGULATION, etiology/ *EMBOLISM,
etiology/ FEMALE/ HUMAN/
MATERNAL-FETAL EXCHANGE/
MICROCIRCULATION/ *PLACENTA,
physiology/ PREGNANCY/ PREGNANCY
COMPLICATIONS, HEMATOLOGIC, etiology/
*THROMBOPLASTIN, physiology
4318. Stanbury JB, Ermans AM, Hetzel BS, et al: Endemic goitre and cretinism: public health significance and prevention. WHO Chron 28:220-8, May 74
CRETINISM, occurrence/ *CRETINISM,
prevention & control/ GOITER, ENDEMIC,
occurrence/ *GOITER, ENDEMIC, prevention
& control/ HUMAN
4319. Stark AM, Way S: The use of thermovision in the detection of early breast cancer.
Cancer 33:1664-70, Jun 74
*BREAST NEOPLASMS, diagnosis/ BREAST
NEOPLASMS, radiography/ CONTRACEPTIVES,
ORAL, pharmacodynamics/ DIAGNOSTIC
ERRORS/ EVALUATION STUDIES/ FEMALE/
HUMAN/ MAMMOGRAPHY/ MASS
SCREENING/ MENSTRUATION/
*THERMOGRAPHY
4320. Stark J, Kaufmann P: Semidünnschnitt-zytochemische Untersuchungen zum Transport und Stoffwechsel von Kohlenhydraten in Plazentazotten.
Verh Anat Ges 67:251-6, 1972 (Ger)
ANOXEMIA/ BIOLOGICAL TRANSPORT/
ENGLISH ABSTRACT/ FEMALE/ *GLUCOSE,
metabolism/ HUMAN/ MATERNAL-FETAL
EXCHANGE/ MICROTOMY/ *PLACENTA,
metabolism/ PREGNANCY
4321. Starling JR, Ferguson WW, Rudolf LE, et al: Lysosomal enzyme release and vascular resistance changes in the isolated perfused kidney: Influence of methylprednisolone. Surg Forum 23:259-61, 1972
ANIMAL EXPERIMENTS/ CATHEPSIN,
metabolism/ GLUCURONIDASE, metabolism/
IN VITRO/ KIDNEY, physiology/ *KIDNEY,
transplantation/ LYOSOMES, drug effects/
*LYOSOMES, enzymology/
*METHYLPREDNISOLONE, pharmacodynamics/
PERFUSION/ *VASCULAR RESISTANCE
4322. Starup J: Christian Hamburger.
Acta Endocrinol (Kbh) 75:1-2, Jan 74
CURRENT BIOG-OBIT/ DENMARK/
ENDOCRINOLOGY, history/ HISTORICAL
ARTICLE/ HISTORY OF MEDICINE, 20TH
CENT./ SOCIETIES, SCIENTIFIC, history
4323. Stasiewicz J, Szalaj W, Garbryelewicz A: The study of guinea-pig gallbladder reactivity after PGE1 stimulation.
Pol J Pharmacol Pharm 26:249-52, Jan-Apr 74
ANIMAL EXPERIMENTS/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ *GALLBLADDER,
drug effects/ IN VITRO/ ISOPROTERENOL,
pharmacodynamics/ MUSCLE CONTRACTION,
drug effects/ MUSCLE, SMOOTH/
PHENTOLAMINE, pharmacodynamics/
PHENYLEPHRINE, pharmacodynamics/
PROPRANOLOL, pharmacodynamics/
PROSTAGLANDINS, administration & dosage/
*PROSTAGLANDINS, pharmacodynamics
4324. Stauber WT, Bird JW: Subcellular distributions of catalase in rat skeletal muscle. Cytobios 9:83-7, 1974
ACETIC ACIDS/ ADENOSINE
TRIPHOSPHATASE, analysis/ ANIMAL
EXPERIMENTS/ CALCIUM, metabolism/
*CATALASE, analysis/ CATHEPSIN, analysis/
COMPARATIVE STUDY/ CYTOCHROME
OXIDASE, analysis/ GLYCOLS/ LYOSOMES,
enzymology/ MICROBODIES, enzymology/
MITOCHONDRIA, MUSCLE, enzymology/
*MUSCLES, enzymology/ *ORGANOIDS,
enzymology/ RATS/ SARCOPLASMIC
RETICULUM, enzymology
4325. Stearns HC, Sneed VD, Fearl JD: A clinical and pathologic review of ovarian stromal hyperplasia and its possible relationship to common diseases of the female reproductive system.
Am J Obstet Gynecol 119:375-81, 1 Jun 74
ADRENAL GLAND DISEASES, chemically
induced/ ADRENAL GLAND DISEASES,
etiology/ ADULT/ AGED/ AUTOPSY/
BREAST DISEASES, chemically induced/
BREAST DISEASES, etiology/ BREAST
NEOPLASMS, chemically induced/ BREAST
NEOPLASMS, etiology/ CASTRATION/
DIABETES MELLITUS, chemically induced/
DIABETES MELLITUS, etiology/
ENDOMETRIAL HYPERPLASIA, chemically

AUTHOR SECTION

- induced/ ENDOMETRIAL HYPERPLASIA, etiology/ ENDOMETRIOSIS, chemically induced/ ENDOMETRIOSIS, etiology/ ESTROGENS, adverse effects/ FEMALE/ *GYNECOLOGIC DISEASES, etiology/ HUMAN/ HYPERPLASIA, complications/ LEIOMYOMA, chemically induced/ LEIOMYOMA, etiology/ MENOPAUSE/ MIDDLE AGE/ *OVARIAN DISEASES, complications/ OVARIAN DISEASES, occurrence/ UTERINE NEOPLASMS, chemically induced/ UTERINE NEOPLASMS, etiology
4326. Steel JA, Lieberman JR, Mirocha CJ: Biogenesis of zearalenone (F-2) by *Fusarium roseum* 'Graminearum'. Can J Microbiol 20:531-4, Apr 74
ACETATES, metabolism/ CARBON DIOXIDE, metabolism/ CARBON RADIOISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ERGOSTEROL, biosynthesis/ *FUSARIUM, metabolism/ GLUTARATES, analysis/ HYDROLYSIS/ *LACTONES, biosynthesis/ LACTONES, metabolism/ MALONATES, metabolism/ MEVALONIC ACID, metabolism/ *MYCOTOXINS, biosynthesis/ NITRATES/ NITROPENZENES, analysis/ OXALATES, analysis/ SUCCINATES, analysis
4327. Stefan M: Psihopatologie și probleme de sănătate mintală la vârsta pubertății. Pediatría (Bucur) 22:385-95, Sep-Oct 73 (Rum)
ADOLESCENCE/ *ADOLESCENT PSYCHOLOGY/ AFFECTIVE DISTURBANCES, etiology/ AGE FACTORS/ CHILD/ *CHILD BEHAVIOR DISORDERS, etiology/ HUMAN/ *MENTAL DISORDERS, etiology/ PSYCHOMOTOR DISORDERS, etiology/ *PUBERTY/ *SCHIZOPHRENIA, CHILDHOOD
4328. Stefani DV, Balandina EK, Smirnov VV: Poluchenie luminescentnykh monospetsificheskikh syvorotok protiv immunoglobulinov (G, A, M) cheloveka. Zh Mikrobiol Epidemiol Immunobiol 50:64-6, Sep 73 (Rus)
ACUTE DISEASE/ AMMONIUM COMPOUNDS, pharmacodynamics/ BENZOATES, pharmacodynamics/ CHRONIC DISEASE/ DYES, pharmacodynamics/ ENGLISH ABSTRACT/ FLUORESCENCE, pharmacodynamics/ GEL FILTRATION/ HUMAN/ *IGA/ *IGG/ *IGM/ *IMMUNE SERUMS/ LEUKEMIA, immunology/ *LUMINESCENCE/ PYELONEPHRITIS, immunology/ THIOCYANATES, pharmacodynamics/ ULTRACENTRIFUGATION/ XANTHENES, pharmacodynamics
4329. Steiger U: Gelenkmanifestationen bei metabolischen Knochenkrankheiten. Verh Dtsch Ges Rheumatol 3:135-41, 1974 (Ger)
*CALCINOSIS, complications/ *CHONDROCALCINOSIS, complications/ FEMALE/ FINGER JOINT/ HUMAN/ HYPERPARATHYROIDISM, complications/ *JOINT DISEASES, etiology/ *RENAL OSTEODYSTROPHY, complications/ SEMILUNAR CARTILAGES/ SHOULDER JOINT
4330. Steimle R, Jacquet G, Bonneville JF, et al: Tuberculomes cérébraux d'allure primitive. Neurochirurgie 19:555-60, Nov 73 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ BRAIN, radiography/ BRAIN DISEASES, complications/ *BRAIN DISEASES, diagnosis/ BRAIN DISEASES, therapy/ BRAIN NEOPLASMS, diagnosis/ CAROTID ARTERIES, radiography/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIES/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, etiology/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS/ STREPTOMYCIN, therapeutic use/ TUBERCULOMA, complications/ *TUBERCULOMA, diagnosis/ TUBERCULOMA, therapy
4331. Stein D, Jouvét M, Pujol JF: Effects of alpha-methyl-p-tyrosine upon cerebral amine metabolism and sleep states in the cat. Brain Res 72:360-5, 7 Jun 74
ANIMAL EXPERIMENTS/ *BIOGENIC AMINES, metabolism/ *BRAIN, metabolism/ CEREBELLUM, metabolism/ CEREBRAL CORTEX, metabolism/ CORPUS STRIATUM, metabolism/ DOPAMINE, metabolism/ FEMALE/ HYPOTHALAMUS, metabolism/ INDOLEACETIC ACID, metabolism/ MALE/ MESENCEPHALON, metabolism/ *METHYLTYROSINES, pharmacodynamics/ NOREPINEPHRINE, metabolism/ PONS, metabolism/ SEROTONIN, metabolism/ *SLEEP STAGES/ THALAMUS, metabolism/ TRYPTOPHAN, metabolism
4332. Stein G: Medikamentös induzierter Hyperkortizismus und dessen Effekt auf die Femurköpfe. Roentgenblätter 25:86-7, Feb 72 (Ger)
*CORTISONE, adverse effects/ CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *FEMUR HEAD, drug effects/ FEMUR HEAD, radiography/ HUMAN/ *OSTEOPOROSIS, chemically induced/ OSTEOPOROSIS, radiography/ PEMPHIGUS, drug therapy
4333. Steinberg ME, Busenkell GL, Black J, et al: Stress-induced potentials in moist bone in vitro. J Bone Joint Surg [Am] 56:704-13, Jun 74
ANIMAL EXPERIMENTS/ *BONE AND BONES, physiology/ *ELECTROPHYSIOLOGY/ IN VITRO/ *STRESS, MECHANICAL/ WATER
4334. Steinberger E: Darstellung der somatotropen Zellen der Hypophyse an Semidünnschnitten mit Luxol-Fast-Blue. Mikroskopie 30:34-7, Feb 74 (Ger)
ANIMAL EXPERIMENTS/ CATTLE/ CELL NUCLEOLUS/ CELL NUCLEUS/ CYTOPLASMIC GRANULES/ DOGS/ DYES/ ENGLISH ABSTRACT/ *PITUITARY GLAND, cytology/ RATS/ SOMATOTROPIN/ *STAINS AND STAINING
4335. Steinberger E, Chowdhury M: Control of pituitary FSH in male rats. Acta Endocrinol (Kbh) 76:235-41, Jun 74
ANIMAL EXPERIMENTS/ CASTRATION/ *CRYPTORCHISM, blood/ CRYPTORCHISM, metabolism/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FSH, blood/ FSH, metabolism/ GAMMA GLOBULIN/ GOATS, immunology/ IMMUNE SERUMS/ IODINE RADIOISOTOPES/ MALE/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, metabolism/ RADIOIMMUNOASSAY/ RATS/ STIMULATION, CHEMICAL/ *TESTIS, physiology/ TESTOSTERONE, administration & dosage/ TESTOSTERONE, pharmacodynamics/ TIME FACTORS
4336. Steinbrocker O, Argyros TG: Frozen shoulder: treatment by local injections of depot corticosteroids. Arch Phys Med Rehabil 55:209-13, May 74
ADRENAL CORTEX HORMONES, administration & dosage/ *ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ BURSITIS, drug therapy/ BURSITIS, therapy/ FEMALE/ HUMAN/ HUMERUS/ INJECTIONS, INTRA-ARTERIAL/ MALE/ MIDDLE AGE/ *MOVEMENT DISORDERS, drug therapy/ MOVEMENT DISORDERS, therapy/ PAIN, drug therapy/ PAIN, therapy/ PERIARTHRITIS, drug therapy/ PERIARTHRITIS, therapy/ PHYSICAL THERAPY/ SCAPULA/ *SHOULDER JOINT/ SYNDROME
4337. Steinfeld JR, Schuit KE, Keats TE: Calcification in Cooper's ligament. Am J Roentgenol Radium Ther Nucl Med 121:107-8, May 74
*AGING/ *CALCIFICATION, PHYSIOLOGIC/ HUMAN/ *LIGAMENTS, physiology/ LIGAMENTS, radiography/ *PELVIS, radiography

AUTHOR SECTION

4338. Steinhardt RA, Epel D: Activation of sea-urchin eggs by a calcium ionophore.
Proc Natl Acad Sci USA 71:1915-9, May 74
ANIMAL EXPERIMENTS/ *ANTIBIOTICS, pharmacodynamics/ *CALCIUM, metabolism/ CATIONS, DIVALENT, metabolism/ CELL MEMBRANE, drug effects/ DNA, biosynthesis/ ELECTRIC CONDUCTIVITY, drug effects/ MAGNESIUM, metabolism/ *OVUM, drug effects/ OVUM, metabolism/ OXYGEN CONSUMPTION, drug effects/ PROTEINS, biosynthesis/ *SEA URCHINS, drug effects/ SEA URCHINS, metabolism/ STIMULATION, CHEMICAL
FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYPERCALCEMIA, blood/ HYPERCALCEMIA, chemically induced/ *HYPERCALCEMIA, etiology/ HYPERPARATHYROIDISM, blood/ *HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, complications/ IMMOBILIZATION/ MALE/ SULFUR, adverse effects
4339. Steinhart H, Kirchgessner M: Zum Einfluss einiger Fettsäuren und Sterole auf die peptische in vitro Verdauung von Proteinen.
Int J Vitam Nutr Res 44:134-41, 1974 (Ger)
AMINO ACIDS, analysis/ CARBON RADIOISOTOPES/ CHOLESTEROL, pharmacodynamics/ CHOLIC ACID, pharmacodynamics/ CHROMATOGRAPHY/ DIALYSIS/ ENGLISH ABSTRACT/ *FATTY ACIDS, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ IN VITRO/ LINOLEIC ACID, pharmacodynamics/ MOLECULAR WEIGHT/ OLEIC ACID, pharmacodynamics/ PALMITIC ACID, pharmacodynamics/ *PEPSIN/ PEPTIDES, analysis/ *PLANT PROTEINS, metabolism/ *STERIODS, pharmacodynamics/ TEMPERATURE
4340. Steinman RM, Lustig DS, Cohn ZA: Identification of a novel cell type in peripheral lymphoid organs of mice. 3. Functional properties in vivo.
J Exp Med 139:1431-45, 1 Jun 74
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BONE MARROW CELLS/ CELL ADHESION/ CELL SURVIVAL/ CELLS, drug effects/ *CELLS, physiology/ CELLS, radiation effects/ CELLS, CULTURED/ COBALT RADIOISOTOPES/ DENDRITES/ ERYTHROCYTES, immunology/ GERM-FREE LIFE/ GLASS/ HEMOLYTIC PLAQUE TECHNIC/ HYDROCORTISONE, pharmacodynamics/ IMMUNIZATION/ *LYMPH NODES, cytology/ MACROPHAGES/ MICE/ MICE, INBRED C57BL/ MICE, INBRED DBA/ RADIATION EFFECTS/ *SPLEEN, cytology/ THYMIDINE, metabolism/ TRITIUM
4341. Stelletskaia NV, Sirota TV, Panchenko LF, et al: Osobennosti metabolismma RNK v prisutstvii inhibitorov energeticheskogo obmena.
Biokhimiia 38:1267-75, Nov-Dec 73 (Rus)
ANIMAL EXPERIMENTS/ ANTIMYCIN A, pharmacodynamics/ AZIDES, pharmacodynamics/ CARBON RADIOISOTOPES/ CARCINOMA, EHRlich TUMOR, metabolism/ CYANIDES, pharmacodynamics/ DEPRESSION, CHEMICAL/ DINITROPHENOLS, pharmacodynamics/ *ENERGY METABOLISM, drug effects/ ENGLISH ABSTRACT/ FEMALE/ FLUORIDES, pharmacodynamics/ IODOACETATES, pharmacodynamics/ KINETICS/ NEOPLASMS, EXPERIMENTAL, metabolism/ OLIGOMYCIN, pharmacodynamics/ OVARIAN NEOPLASMS, metabolism/ RNA, NEOPLASM, biosynthesis/ *RNA, NEOPLASM, metabolism/ ROTENONE, pharmacodynamics
4342. Stelmasiak Z, Curzon G: Effect of electroconvulsive therapy on plasma unesterified fatty acid and free tryptophan concentrations in man.
J Neurochem 22:603-4, Apr 74
ADULT/ AGED/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SEROTONIN, metabolism/ *SHOCK THERAPY, ELECTRIC, metabolism/ TIME FACTORS/ *TRYPTOPHAN, blood/ TYROSINE, blood
4343. Stenström G, Heedman PA: Clinical findings in patients with hypercalcaemia. A final investigation based on biochemical screening.
Acta Med Scand 195:473-7, Jun 74
AZIDES, adverse effects/ CALCIUM, blood/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYPERCALCEMIA, blood/ HYPERCALCEMIA, chemically induced/ *HYPERCALCEMIA, etiology/ HYPERPARATHYROIDISM, blood/ *HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, complications/ IMMOBILIZATION/ MALE/ SULFUR, adverse effects
4344. Stepankevich EF, Sidorov SM, Shafranskiĭ LL: Ispol'zovanie IK-spektrov trubchatoi kosti v sudebnoĭ meditsine.
Sud Med Ekspert 17:15-7, Jan-Mar 74 (Rus)
*AGE DETERMINATION BY SKELETON/ *BONE AND BONES, analysis/ CADAVER/ CARBONATES, analysis/ ENGLISH ABSTRACT/ *FORENSIC MEDICINE/ HUMAN/ LEG/ PHOSPHATES, analysis/ *SPECTROPHOTOMETRY, INFRARED
4345. Stephens JR, Jarvis JE: Protein bound iodine--pre-treatment of sera.
Med Lab Technol 30:291-2, Jul 73
*BLOOD PROTEINS/ *IODINE, blood/ METHODS/ *PROTEIN BINDING/ PROTEIN-BOUND IODINE TEST
4346. Stern JJ, Porterfield AL, Krupa RJ: Endocrine interactions in regulation of body weight by female rats. J Comp Physiol Psychol 86:926-9, May 74
ADRENAL GLANDS, physiology/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BODY WEIGHT/ *CASTRATION/ *EATING/ ESTROGENS, physiology/ FEEDING BEHAVIOR/ FEMALE/ OBESITY/ OVARY, physiology/ PROGESTERONE, physiology/ RATS/ TIME FACTORS
4347. Stern LZ, Payne CM, Hannapel LK: Acromegaly: histochemical and electron microscopic changes in deltoid and intercostal muscle.
Neurology (Minneapolis) 24:589-93, Jun 74
ACROMEGALY, enzymology/ ACROMEGALY, etiology/ *ACROMEGALY, pathology/ ACROMEGALY, physiopathology/ ADENOSINE TRIPHOSPHATASE, metabolism/ ASPARTATE AMINOTRANSFERASE, metabolism/ BIOPSY/ CREATINE KINASE, metabolism/ CYTOPLASMIC GRANULES/ ELECTROMYOGRAPHY/ GLYCOGEN/ HISTOCYTOCHEMISTRY/ HUMAN/ HYPERTROPHY/ LACTATE DEHYDROGENASE, metabolism/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ MITOCHONDRIA, MUSCLE/ MUSCLES, enzymology/ *MUSCLES, pathology/ MUSCLES, physiopathology/ MYOFIBRILS, enzymology/ MYOFIBRILS, pathology/ PITUITARY NEOPLASMS, complications/ PITUITARY NEOPLASMS, enzymology
4348. Stern SL, Schless AP, Mendels J: Letter: Growth hormone and affective illness.
Lancet 1:992-3, 18 May 74
ADULT/ *AFFECTIVE DISTURBANCES, blood/ AGE FACTORS/ *BODY HEIGHT/ HUMAN/ MALE/ MIDDLE AGE/ PSYCHOSES, INVOLUTIONAL, physiopathology/ *SOMATOTROPIN, blood/ SOMATOTROPIN, secretion
4349. Stevens MW, Harbison RD: Placental transfer of diphenylhydantoin: effects of species, gestational age, and route of administration.
Teratology 9:317-26, Jun 74
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BRAIN, analysis/ CARBON RADIOISOTOPES/ COMPARATIVE STUDY/ DIPHENYLHYDANTOIN, administration & dosage/ DIPHENYLHYDANTOIN, blood/ *DIPHENYLHYDANTOIN, metabolism/ FEMALE/ FETUS, analysis/ GESTATIONAL AGE/ HAMSTERS/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ LIGATION/ *MATERNAL-FETAL EXCHANGE/ MICE/ PLACENTA, physiology/ PREGNANCY/

AUTHOR SECTION

RABBITS/ RATS/ SPECIES SPECIFICITY/
UTERUS, blood supply

4350. Stevenson I, Buckman J, Smith BM, et al: The use of drugs in psychiatric interviews: some interpretations based on controlled experiments.

Am J Psychiatry 131:707-10, Jun 74

ADULT/ AFFECT/ *AMOBARBITAL, administration & dosage/ ANGER/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DRUG COMBINATIONS/ EMOTIONS/ GUILT/ HUMAN/ *HYDROXYDIONE, administration & dosage/ INHIBITION (PSYCHOLOGY)/ *INTERVIEW, PSYCHOLOGICAL/ *METHAMPHETAMINE, administration & dosage/ PHYSICIAN-PATIENT RELATIONS/ PLACEBOS/ PSYCHIATRIC STATUS RATING SCALES/ *PSYCHOTHERAPY/ QUESTIONNAIRES/ REPRESSION/ ROLE

4351. Stewart AD: Genetic study of the effects of (8-arginine)- and (8-lysine)-vasopressins on adenyl cyclase activity of mouse kidney.

J Endocrinol 61:447-54, Jun 74

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ *ADENYL CYCLASE, analysis/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ ARGININE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME ACTIVATION, drug effects/ FLUORIDES, pharmacodynamics/ GENETICS/ IN VITRO/ *KIDNEY, enzymology/ KIDNEY MEDULLA, enzymology/ LYSINE/ MALE/ MICE, INBRED CBA/ PHOSPHORUS RADIOISOTOPES/ RECEPTORS, HORMONE/ *VASOPRESSIN, pharmacodynamics

4352. Stimson WH: Proceedings: Quantitation of a new serum alpha-macroglobulin in malignant disease, steroid treatment, pregnancy and normal subjects.

J Endocrinol 61:xxxxxi, Apr 74

BLOOD PROTEINS/ CONTRACEPTIVES, ORAL, administration & dosage/ DIETHYLSTILBESTROL, pharmacodynamics/ ESTROGENS, administration & dosage/ FEMALE/ HUMAN/ *MACROGLOBULINS, isolation & purification/ MALE/ MESTRANOL, administration & dosage/ MOLECULAR WEIGHT/ *NEOPLASMS, blood/ NORETHYNODREL, administration & dosage/ *PREGNANCY/ PROGESTERONE, administration & dosage

4353. Stock D, Beck W, Dumpert HP: Komplikationen der Hüftendoprothese im Röntgenbild.

Radiologe 14:108-13, Mar 74

(Ger)

ARTHROPLASTY, adverse effects/ BONE RESORPTION, etiology/ CALCINOSIS, etiology/ CALCINOSIS, radiography/ DISLOCATIONS, etiology/ DISLOCATIONS, radiography/ *HIP, radiography/ *HIP JOINT/ HUMAN/ JOINT DISEASES, etiology/ JOINT DISEASES, radiography/ *JOINT PROSTHESIS, adverse effects/ METHYLMETHACRYLATE, adverse effects/ OSTEOPOROSIS, etiology/ OSTEOPOROSIS, radiography/ POSTOPERATIVE COMPLICATIONS, radiography/ PROSTHESIS DESIGN

4354. Stock K, Frilop M: Dissociation of catecholamine-induced formation of adenosine 3'5'-monophosphate and release of glycerol in fat cells by prostaglandin E1, E2 and N6-phenylisopropyladenosine.

Naunyn Schmiedebergs Arch Pharmacol 282:15-31, 1974

*ADENOSINE, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, enzymology/ *ADIPOSE TISSUE, metabolism/ ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BUTYLAMINES, pharmacodynamics/ CATECHOLAMINES, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *GLYCERIN, metabolism/ HORMONES, pharmacodynamics/ IN VITRO/ KINETICS/ NOREPINEPHRINE,

antagonists & inhibitors/ *NOREPINEPHRINE, pharmacodynamics/ PHENYL ETHERS, pharmacodynamics/ PROPANOLAMINES, pharmacodynamics/ PROPYLAMINES, pharmacodynamics/ *PROTAGLANDINS, pharmacodynamics/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ TIME FACTORS/ TRITIUM

4355. Stoker MG: Effects of tumour viruses on cell growth.

J Clin Pathol [Suppl] 7:60-4, 1974 (22 ref.)

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ AGGLUTINATION/ ANIMAL EXPERIMENTS/ ANTIGENS, VIRAL/ BINDING SITES/ *CELL DIVISION/ CELL LINE/ CELLS, physiology/ CELLS, CULTURED/ DNA, biosynthesis/ FEEDBACK/ FIBROBLASTS, growth & development/ HAMSTERS/ MICE/ MITOSIS/ MODELS, BIOLOGICAL/ MOUSE LEUKEMIA VIRUSES, pathogenicity/ MUTATION/ NEOPLASMS, pathology/ *ONCOGENIC VIRUSES, pathogenicity/ POLYOMA VIRUS, pathogenicity/ REVIEW/ ROUS SARCOMA VIRUS, pathogenicity/ TISSUE CULTURE

4356. Stokes GS, Weber MA: Prazosin: preliminary report and comparative studies with other antihypertensive agents. Br Med J 2:298-300, 11 May 74

ADULT/ ANTIHYPERTENSIVE AGENTS, administration & dosage/ *ANTHYPERTENSIVE AGENTS, therapeutic use/ BLOOD PRESSURE, drug effects/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DIET/ DRUG SYNERGISM/ FEMALE/ HUMAN/ MALE/ METHYL ETHERS, therapeutic use/ METHYLDOPA, therapeutic use/ MIDDLE AGE/ PIPERAZINES, therapeutic use/ PROPRANOLOL, therapeutic use/ *QUINAZOLINES, therapeutic use/ RENIN, blood/ SODIUM

4357. Stolz V: Iodine metabolism in leukocytes: effect of graded iodide concentrations.

Biochem Med 10:293-9, Jul 74

BINDING SITES/ CHROMATOGRAPHY, PAPER/ COMPARATIVE STUDY/ EVALUATION STUDIES/ HUMAN/ *IODIDES, pharmacodynamics/ *IODINE, blood/ IODINE, metabolism/ IODINE RADIOISOTOPES/ LEUKOCYTES, analysis/ LEUKOCYTES, drug effects/ *LEUKOCYTES, metabolism/ METHODS/ PROTEIN BINDING/ STAINS AND STAINING/ ULTRASONICS

4358. Stollar B, Albert DJ: SCH 13521 in the treatment of advanced carcinoma of the prostate.

J Urol 111:803-7, Jun 74

AGED/ *ANDROGENS, antagonists & inhibitors/ *ANILIDES, therapeutic use/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ ANTINEOPLASTIC AGENTS, toxicity/ *CARCINOMA, drug therapy/ CLINICAL RESEARCH/ GYNECOMASTIA, chemically induced/ HUMAN/ HYDROCARBONS, FLUORINATED, therapeutic use/ HYDRONEPHROSIS, radiography/ IODINE RADIOISOTOPES/ KIDNEY, radiography/ LIVER/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ NITRO COMPOUNDS, therapeutic use/ PAIN, drug therapy/ PALLIATIVE TREATMENT/ PLACEBOS/ *PROSTATIC NEOPLASMS, drug therapy/ RADIOISOTOPE SCANNING/ REMISSION/ TECHNETIUM/ TIME FACTORS

4359. Stoll BA: Letter: Antioestrogens in treatment of breast cancer. Br Med J 2:447, 25 May 74

*BREAST NEOPLASMS, drug therapy/ *ESTROGENS, antagonists & inhibitors/ FEMALE/ HUMAN/ MENOPAUSE/ NAFOXIDINE, pharmacodynamics/ NAFOXIDINE, therapeutic use/ PYRROLIDINES, pharmacodynamics/ *PYRROLIDINES, therapeutic use

4360. Stoll P: Gedanken zur Kindergynäkologie. Fortschr Med 92:627-8 passim, 23 May 74 (Ger)

AUTHOR SECTION

- ADOLESCENCE/ AGE FACTORS/ CHILD/
CONTRACEPTION/ FEMALE/ GENERAL
PRACTICE/ GENITALIA, FEMALE,
abnormalities/ *GYNECOLOGIC DISEASES,
diagnosis/ HUMAN/ MENARCHE/
MENSTRUATION DISORDERS, diagnosis/
PREGNANCY/ PUBERTY/ SEX EDUCATION
4361. Stone TW: Further evidence for a dopamine receptor
stimulating action of an ergot alkaloid.
Brain Res 72:177-80, 31 May 74
ANIMAL EXPERIMENTS/ CHLORPROMAZINE,
pharmacodynamics/ DOPAMINE, antagonists &
inhibitors/ *DOPAMINE, pharmacodynamics/
ERGOT ALKALOIDS, antagonists & inhibitors/
*ERGOT ALKALOIDS, pharmacodynamics/
IONTOPHORESIS/ MALE/ NOREPINEPHRINE,
pharmacodynamics/ *PARIETAL LOBE, drug
effects/ RATS/ *RECEPTORS, NEURAL, drug
effects/ SEROTONIN, pharmacodynamics
4362. Stoppelli I, Grismond GL, Masin G: La sindrome di
Stein-Leventhal.
Minerva Ginecol 26:255-81, May 74 (204 ref.) (Ita)
AMENORRHEA, etiology/ BIOPSY/
DYSMENORRHEA, etiology/ ENDOMETRIUM,
pathology/ ENGLISH ABSTRACT/ FEMALE/
HIRSUTISM, etiology/ HUMAN/
17-KETOSTEROIDS, metabolism/ OBESITY,
etiology/ PITUITARY HORMONE RELEASING
HORMONES, metabolism/ REVIEW/
STEIN-LEVENTHAL SYNDROME,
complications/ *STEIN-LEVENTHAL
SYNDROME, diagnosis/ STEIN-LEVENTHAL
SYNDROME, metabolism/ STEIN-LEVENTHAL
SYNDROME, pathology/ STEIN-LEVENTHAL
SYNDROME, surgery/ STERILITY, FEMALE,
etiology/ VAGINAL SMEARS
4363. Storm-Mathisen J, Guldberg HC: 5-Hydroxytryptamine
and noradrenaline in the hippocampal region: effect
of transection of afferent pathways on endogenous
levels, high affinity uptake and some
transmitter-related enzymes.
J Neurochem 22:793-803, May 74
ACETYLCHOLINESTERASE, metabolism/
ACETYLTRANSFERASES, metabolism/
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ CARBOXY-LYASES/ CATECHOL
METHYLTRANSFERASE, metabolism/
CHOLINE/ DOPA DECARBOXYLASE,
metabolism/ GLUTAMATES/ HIPPOCAMPUS,
enzymology/ *HIPPOCAMPUS, metabolism/
MALE/ *MONOAMINE OXIDASE, metabolism/
*NOREPINEPHRINE, metabolism/
*SEROTONIN, metabolism/ SPECTROMETRY,
FLUORESCENCE/ STEREOTAXIC TECHNIQUES/
SYMPATHECTOMY/ TRITIUM
4364. Stormorken H: The release reaction.
Acta Univ Carol [Med Monogr] (Praha) 53:65-8, 1972
(10 ref.)
ADENINE NUCLEOTIDES, metabolism/
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ADENOSINE TRIPHOSPHATASE,
metabolism/ ADENOSINE TRIPHOSPHATE,
metabolism/ BLOOD PLATELETS, enzymology/
BLOOD PLATELETS, metabolism/ *BLOOD
PLATELETS, metabolism/ BLOOD PROTEINS/
CALCIUM, metabolism/ CELL MEMBRANE,
enzymology/ COLLAGEN/ EDTA,
pharmacodynamics/ EXOCYTOSIS/ GLUCOSE/
HEMOSTASIS/ HUMAN/ MICROSCOPY,
ELECTRON/ *PLATELET ADHESIVENESS/
REVIEW/ THROMBOSIS, blood/
TRANSFERASES, metabolism
4365. Storrie B: Effect of dibutyladenosine cyclic
3',5'-monophosphate and testololactone on
concanavalin A binding and cell killing.
J Cell Biol 62:247-52, Jul 74
AZIDES, pharmacodynamics/ CELL LINE/
CELL SURVIVAL, drug effects/ CELL
TRANSFORMATION, NEOPLASTIC/ CLONE
CELLS/ COMPARATIVE STUDY/
*CONCAVALIN A, metabolism/ CYANIDES,
pharmacodynamics/ *DIBUTYRYL CYCLIC
AMP, pharmacodynamics/ FLUORIDES,
pharmacodynamics/ GLYCOLYSIS,
drug effects/ IODINE RADIOISOTOPES/
IDOACETATES, pharmacodynamics/
KINETICS/ OVARY/ OXIDATIVE
PHOSPHORYLATION, drug effects/
*RECEPTORS, DRUG, drug effects/
*TESTOLACTONE, pharmacodynamics/ TIME
FACTORS
4366. Story JA, Tepper SA, Kritchevsky D: Influence of
thyroid state on cholesterol hydroxylation and
absorption in the rat. Biochem Med 10:214-8, Jul 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ CARBON RADIOISOTOPES/
CHOLESTEROL, blood/ *CHOLESTEROL,
metabolism/ CHROMATOGRAPHY, THIN
LAYER/ COMPARATIVE STUDY/ FECES,
metabolism/ HYDROXYLASES, metabolism/
HYPERTHYROIDISM, chemically induced/
HYPERTHYROIDISM, metabolism/
HYPOTHYROIDISM, chemically induced/
HYPOTHYROIDISM, metabolism/ LIVER, drug
effects/ LIVER, metabolism/ MALE/
MICROSOMES, LIVER, drug effects/
MICROSOMES, LIVER, metabolism/
PROPYLTHIOURACIL, pharmacodynamics/
*THYROID GLAND, physiology/ THYROXINE,
pharmacodynamics/ TIME FACTORS/
TRIGLYCERIDES, blood
4367. Stougård J: The calcified cartilage and the subchondral
bone under normal and abnormal conditions.
Acta Pathol Microbiol Scand [A] 82:182-8, Mar 74
ADOLESCENCE/ ADULT/ AUTOPSY/
BIOPSY/ BONE AND BONES, cytology/
*BONE AND BONES, pathology/
CALCIFICATION, PHYSIOLOGIC/
CALCINOSIS, pathology/ CARTILAGE,
ARTICULAR, cytology/ *CARTILAGE,
ARTICULAR, pathology/ DECALCIFICATION
TECHNIC/ FEMALE/ *FEMUR, pathology/
FLUORESCENT DYES/ HUMAN/ JOINT
DISEASES, pathology/ MALE/
MICRORADIOGRAPHY/ MIDDLE AGE/
*PATELLA, pathology/ STAINS AND
STAINING/ TETRACYCLINE, diagnostic use
4368. Strączkowski W, Kaliciński A, Nowak W, et al: The
effects of prostaglandin A₂ (PGA₂) on the feline-pig
isolated ileum.
Pol J Pharmacol Pharm 26:253-5, Jan-Apr 74
ANILINE COMPOUNDS, pharmacodynamics/
ANIMAL EXPERIMENTS/ ATROPINE,
pharmacodynamics/ BENZYL COMPOUNDS,
pharmacodynamics/ BRADYKININ,
pharmacodynamics/ DRUG SYNERGISM/
*ILEUM, drug effects/ IMIDAZOLES,
pharmacodynamics/ IN VITRO/ LYSERGIC
ACID DIETHYLAMIDE, pharmacodynamics/
MUSCLE CONTRACTION, drug effects/
MUSCLE, SMOOTH, drug effects/
*PROSTAGLANDINS, pharmacodynamics
4369. Strada SJ, Weiss B: Increased response to
catecholamines of the cyclic AMP system of rat pineal
gland induced by decreased sympathetic activity.
Arch Biochem Biophys 160:197-204, Jan 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ALUMINUM/
ANIMAL EXPERIMENTS/ ANIMALS,
NEWBORN/ CHROMATOGRAPHY/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ DENERVATION/
*GANGLIA, BASAL, physiology/
*HYDROXYDOPAMINE, pharmacodynamics/
ISOPROTERENOL, pharmacodynamics/ MALE/
*NOREPINEPHRINE, pharmacodynamics/
ORGAN CULTURE/ PINEAL BODY,
innervation/ *PINEAL BODY, metabolism/
RATS/ TRITIUM
4370. Strambi A, Strambi C: Etude histochimique et
ultrastructurale des sécrétions élaborées par les
péricaryones neurosécréteurs de la pars
intercérébrale chez la guêpe *Pollistes*.
Acta Histochem (Jena) 46:101-19, 1973 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/
ENGLISH ABSTRACT/ FEMALE/ GOLGI
APPARATUS, metabolism/
HISTOCYTOCHEMISTRY/ *INSECTS/
MICROSCOPY, ELECTRON/
*NEUROSECRETION/ *NEUROSECRETORY

AUTHOR SECTION

SYSTEMS, cytology/ OVARY, physiology/
OXIDATION-REDUCTION/ SPECIES
SPECIFICITY/ STAINS AND STAINING

4371. Strange RC, Swyer GI: The effect of human placental lactogen on adipose tissue lipolysis. *J Endocrinol* 61:147-52, Apr 74
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, drug effects/ ANIMAL EXPERIMENTS/ FEMALE/ GLYCERIN, analysis/ HUMAN/ IN VITRO/ *LIPIDS, metabolism/ *PLACENTAL LACTOGEN, pharmacodynamics/ RATS/ STARVATION, metabolism/ THEOPHYLLINE, pharmacodynamics/ TIME FACTORS
4372. Strauch BS, Charney A, Doctorouff S, et al: Goodpasture syndrome with recovery after renal failure. *JAMA* 229:444, 22 Jul 74
AZATHIOPRINE, therapeutic use/ BIOPSY/ *GOODPASTURE'S SYNDROME, complications/ GOODPASTURE'S SYNDROME, drug therapy/ GOODPASTURE'S SYNDROME, pathology/ HUMAN/ KIDNEY, pathology/ *KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY FAILURE, ACUTE, pathology/ KIDNEY FAILURE, ACUTE, therapy/ KIDNEY FUNCTION TESTS/ MALE/ PERITONEAL DIALYSIS/ PREDNISONE, therapeutic use
4373. Strauss JS: Editorial: The sebaceous glands. *N Engl J Med* 291:46-7, 4 Jul 74
ACNE, etiology/ ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ BIRDS/ HAMSTERS/ HUMAN/ MSH, physiology/ *SEBACEOUS GLANDS, secretion
4374. Stremple JF, Watson CG: Serum calcium, serum gastrin, and gastric acid secretion before and after parathyroidectomy for hyperparathyroidism. *Surgery* 75:841-52, Jun 74
ADULT/ *CALCIUM, blood/ DUODENAL ULCER, complications/ DUODENAL ULCER, physiopathology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GASTRIC ACIDITY DETERMINATION/ *GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, secretion/ GASTRIN, analysis/ *GASTRIN, blood/ HUMAN/ HYPERPARATHYROIDISM, etiology/ *HYPERPARATHYROIDISM, surgery/ MALE/ MIDDLE AGE/ *PARATHYROID GLANDS, surgery/ PEPTIC ULCER, physiopathology/ RADIOIMMUNOASSAY
4375. Strickler HS, Link SS, Grauer RC: Use of co-current dialysis in an improved estimation of free thyroxine in serum. *Clin Chem* 20:695-7, Jun 74
AUTOANALYSIS/ COMPARATIVE STUDY/ DIALYSIS/ HUMAN/ IODINE RADIOISOTOPES/ METHODS/ PROTEIN BINDING/ *THYROXINE, blood
4376. Strom TB, Sytkowski AJ, Carpenter CB, et al: Cholinergic augmentation of lymphocyte-mediated cytotoxicity. A study of the cholinergic receptor of cytotoxic T lymphocytes. *Proc Natl Acad Sci USA* 71:1330-3, Apr 74
ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM/ ATROPINE, pharmacodynamics/ BUNGAROTOXINS, pharmacodynamics/ CARBACHOL, pharmacodynamics/ CHROMIUM RADIOISOTOPES/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ ISOANTIGENS/ LIGANDS/ LYMPHOCYTE TRANSFORMATION, drug effects/ RATS/ *RECEPTORS, CHOLINERGIC, drug effects/ TUBOCURARINE, pharmacodynamics
4377. Strome M, Jaffe B: Epiglottitis--individualized management with steroids. *Laryngoscope* 84:921-8, Jun 74
ADULT/ AGE FACTORS/ AMPICILLIN, therapeutic use/ CHILD/ CYANOSIS/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, therapeutic use/ DRUG THERAPY, COMBINATION/ *EPIGLOTTIS, microbiology/ HAEMOPHILUS INFECTIONS, complications/ HAEMOPHILUS INFLUENZAE/ HALOTHANE/ HUMAN/ INFANT/ INTUBATION, INTRATRACHEAL/ LARYNGITIS, diagnosis/ *LARYNGITIS, drug therapy/ LARYNGITIS, etiology/ LARYNGITIS, microbiology/ LARYNGITIS, surgery/ LARYNGOSCOPY/ OXYGEN/ TIME FACTORS
4378. Strong JE, Drewinko B: Response to prednisolone of cultured immunoglobulin-producing human lymphoid cells. *Blood* 44:109-15, Jul 74
*ANTIBODY PRODUCING CELLS, drug effects/ CELL COUNT/ CELL LINE/ CELL SURVIVAL/ CELLS, CULTURED/ FLUORESCENT ANTIBODY TECHNIC/ GOATS, immunology/ HUMAN/ IMMUNE SERUMS/ IMMUNOGLOBULINS, biosynthesis/ LYMPHOCYTES, immunology/ LYMPHOMA, immunology/ PLASMA CELLS, immunology/ *PREDNISOLONE, pharmacodynamics/ THYMIDINE, metabolism/ TRITIUM
4379. Stubblefield E, Wray W: Biochemical and morphological studies of partially purified Chinese hamster chromosomes. *Cold Spring Harbor Symp Quant Biol* 38:835-43, 1973
ANIMAL EXPERIMENTS/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ CENTRIFUGATION, ZONAL/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES/ CHROMOSOMES, analysis/ *HAMSTERS/ HISTONES, analysis/ KARYOTYPING/ LUNG/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ PROTEINS, analysis/ PROTEINS, isolation & purification/ SEX CHROMOSOMES/ STAINS AND STAINING
4380. Stutz FH, Blom J, Tormey DC: Combination chemotherapy in disseminated carcinoma of the breast. *Oncology* 29:139-46, 1974
ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ APPETITE DISORDERS, chemically induced/ *BREAST NEOPLASMS, drug therapy/ *CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, COMBINATION/ EVALUATION STUDIES/ FEMALE/ *FLUOROURACIL, therapeutic use/ HUMAN/ LEUKOPENIA, chemically induced/ *METHOTREXATE, therapeutic use/ NAUSEA, chemically induced/ NEOPLASM METASTASIS/ PNEUMONIA, etiology/ *PREDNISONE, therapeutic use/ THROMBOPENIA, chemically induced/ *VINCRIStINE, therapeutic use
4381. Suchato C, Vongvichien P, Phanchet S, et al: Diagnosis by selective arteriography in hemorrhage resulting from typhoid fever. *Ann Surg* 179:941-4, Jun 74
ANGIOGRAPHY/ CECUM, pathology/ *CECUM, radiography/ COLECTOMY/ ERYTHROCYTES/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, etiology/ *HEMORRHAGE, GASTROINTESTINAL, radiography/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ LYMPHOCYTES/ MACROPHAGES/ MALE/ *MESENTERIC ARTERIES, radiography/ PLASMA CELLS/ RECTUM/ *TYPHUS, complications/ ULCER, complications/ ULCER, pathology/ ULCER, surgery/ VASOPRESSIN, administration & dosage/ VASOPRESSIN, therapeutic use
4382. Sud NK, Setty BS: Effect of 17 alpha-hydroxypregnenolone on spermatogenesis and fertility of rats. *Indian J Exp Biol* 11:484-7, Nov 73
ANIMAL EXPERIMENTS/ FEMALE/ *FERTILITY, drug effects/ GENITALIA, MALE, drug effects/ *HYDROXYPREGNEOLONE, pharmacodynamics/ ORGAN WEIGHT/ PITUITARY GLAND, drug effects/ *SPERMATOGENESIS, drug effects
4383. Sudilovsky O: In vivo regulation of hepatic protein kinase by adenosine 3',5'-monophosphate mediated

AUTHOR SECTION

- glucagon stimulation.
 Biochem Biophys Res Commun 58:85-91, 7 May 74
 *ADENOSINE CYCLIC 3',5'
 MONOPHOSPHATE, pharmacodynamics/
 ADENOSINE TRIPHOSPHATE, metabolism/
 ANALYSIS OF VARIANCE/ ANIMAL
 EXPERIMENTS/ BINDING SITES/
 COMPARATIVE STUDY/ *GLUCAGON,
 pharmacodynamics/ KINETICS/ LIVER, drug
 effects/ *LIVER, enzymology/ MALE/
 PHOSPHORUS RADIOISOTOPES/ PROTEIN
 BINDING/ *PROTEIN KINASE, metabolism/
 RATS/ RECEPTORS, DRUG, drug effects/
 TIME FACTORS/ TRITIUM
4384. Sufrin G, Scott WW: Effect of drug-induced diabetes on
 response of accessory sex organs of castrate rats to
 testosterone propionate. Surg Forum 23:534-5, 1972
 ANIMAL EXPERIMENTS/ *CASTRATION/
 *DIABETES MELLITUS, chemically induced/
 MALE/ *PROSTATE, drug effects/ *SEMINAL
 VESICLES, drug effects/ STREPTOZOTOCIN/
 *TESTOSTERONE, pharmacodynamics
4385. Sugihara H, Hagedorn M, Böttcher D, et al: Interstitial
 pulmonary edema following bromocarbamide
 intoxication. Am J Pathol 75:457-72, Jun 74
 ADRENAL GLANDS, pathology/ ANIMAL
 EXPERIMENTS/ BLOOD COAGULATION, drug
 effects/ BROMINE, administration & dosage/
 BROMINE, pharmacodynamics/ BROMINE,
 poisoning/ CAPILLARY PERMEABILITY, drug
 effects/ DISEASE MODELS, ANIMAL/
 ENDOTHELIUM, drug effects/
 ENDOTHELIUM, metabolism/ ENDOTHELIUM,
 pathology/ HEMODYNAMICS, drug effects/
 HYPNOTICS AND SEDATIVES, administration
 & dosage/ HYPNOTICS AND SEDATIVES,
 pharmacodynamics/ *HYPNOTICS AND
 SEDATIVES, poisoning/ LUNG, pathology/
 MALE/ PINOCYTOSIS, drug effects/
 PULMONARY ALVEOLI, pathology/
 *PULMONARY EDEMA, chemically induced/
 PULMONARY EDEMA, pathology/ UREA,
 administration & dosage/ UREA,
 pharmacodynamics/ *UREA, poisoning/
 VASCULAR RESISTANCE, drug effects
4386. Sugimoto T, Sawano S, Sizume K: [Case of spontaneous
 hypoparathyroidism]
 Clin Endocrinol (Tokyo) 22:409-12, Mar 74 (Jap)
 CASE REPORT/ EDTA, diagnostic use/
 FEMALE/ HUMAN/
 HYPOPARATHYROIDISM/
 HYPOPARATHYROIDISM, complications/
 TETANY, complications
4387. Sulakhe PV, Drummond GI: Protein kinase-catalyzed
 phosphorylation of muscle sarcolemma.
 Arch Biochem Biophys 161:448-55, 2 Apr 74
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
 pharmacodynamics/ ANIMAL EXPERIMENTS/
 CALCIUM, pharmacodynamics/ KINETICS/
 MEMBRANES, drug effects/ MEMBRANES,
 metabolism/ MUSCLES, cytology/ MUSCLES,
 metabolism/ PHOSPHATASES, metabolism/
 PHOSPHOPROTEINS/ PHOSPHORUS
 RADIOISOTOPES/ *PROTEIN KINASE,
 metabolism/ SARCOLEMA, drug effects/
 *SARCOLEMA, metabolism
4388. Sulica LO, Bargaonkar DS, Shah SA: Accurate
 identification of the human Y chromosome.
 Clin Genet 5:17-27, Jan 74
 CELL DIVISION/ CYTOGENETICS/ FEMALE/
 HUMAN/ KARYOTYPING/ MALE/ METHODS/
 MICROSCOPY, ELECTRON/ MONGOLISM,
 familial & genetic/ SEX CHROMOSOME
 ABNORMALITIES, familial & genetic/ *SEX
 CHROMOSOMES
4389. Sullivan GE: Proceedings: Paralysis and skeletal
 anomalies in chick embryos treated with
 physostigmine. J Anat 116:463-4, Dec 73
 *ABNORMALITIES, DRUG-INDUCED/ ANIMAL
 EXPERIMENTS/ *BONE AND BONES,
 abnormalities/ CERVICAL VERTEBRAE,
 abnormalities/ CHICK EMBRYO/ NECK,
 abnormalities/ *PARALYSIS, chemically
 induced/ *PHYSOSTIGMINE, toxicity/
 SCAPULA, abnormalities/ TARSAL BONES,
 abnormalities/ TIBIA, abnormalities
4390. Sullivan JF, Burch RE, Magee DF: Enzymatic activity
 and divalent cation content of pancreatic juice.
 Am J Physiol 226:1420-3, Jun 74
 *AMYLASE, analysis/ AMYLASE, metabolism/
 ANIMAL EXPERIMENTS/ *CALCIUM,
 analysis/ CALCIUM, metabolism/ CATIONS,
 DIVALENT/ CHOLECYSTOKININ,
 pharmacodynamics/ ELECTRIC STIMULATION/
 GASTRIN, pharmacodynamics/ *MAGNESIUM,
 analysis/ MAGNESIUM, metabolism/
 PANCREATIC JUICE, analysis/ PANCREATIC
 JUICE, enzymology/ *PANCREATIC JUICE,
 metabolism/ *PEPTIDE HYDROLASES,
 analysis/ *PROTEINS, analysis/ PROTEINS,
 metabolism/ SWINE/ VAGUS NERVE,
 physiology/ *ZINC, analysis/ ZINC, metabolism
4391. Sumida M, Tonomura Y: Reaction mechanism of the
 Ca²⁺ plus-dependent ATPase of sarcoplasmic
 reticulum from skeletal muscle. X. Direct evidence
 for Ca²⁺ plus translocation coupled with formation of a
 phosphorylated intermediate.
 J Biochem (Tokyo) 75:283-97, Feb 74
 ACETIC ACIDS, pharmacodynamics/
 ADENOSINE DIPHOSPHATE, metabolism/
 *ADENOSINE TRIPHOSPHATASE, metabolism/
 ADENOSINE TRIPHOSPHATE, metabolism/
 ANIMAL EXPERIMENTS/ *CALCIUM,
 metabolism/ CHELATING AGENTS,
 pharmacodynamics/ CHLORIDES/ GLYCOLS,
 pharmacodynamics/ HYDROLYSIS/
 MAGNESIUM, pharmacodynamics/ *MUSCLES,
 enzymology/ *PHOSPHOPROTEINS,
 metabolism/ *SARCOPLASMIC RETICULUM,
 enzymology/ SARCOPLASMIC RETICULUM,
 metabolism
4392. Summitt RL, Martens FR, Wilroy RS Jr: X-autosome
 translocation in normal mother and effectively
 21-monosomic daughter. J Pediatr 84:539-46, Apr 74
 ABNORMALITIES, MULTIPLE, etiology/
 AUTORADIOGRAPHY/ *AUTOSOME
 ABNORMALITIES, familial & genetic/
 CHROMOSOME ABERRATIONS/
 *CHROMOSOMES, HUMAN, 21-22/ FEMALE/
 HUMAN/ KARYOTYPING/ MENTAL
 RETARDATION, etiology/ PHENOTYPE/ *SEX
 CHROMOSOME ABNORMALITIES, familial &
 genetic/ SEX CHROMOSOMES
4393. Sundal B, Kavlie H: Christiansens endoprotease.
 Erfaringer etter 300 artroplastikker.
 Tidsskr Nor Laegeforen 94:1170-3, 30 Jun 74 (Nor)
 *ARTHROPLASTY/ FEMALE/ FEMORAL
 NECK FRACTURES, surgery/ FOLLOW-UP
 STUDIES/ *HIP, surgery/ HIP JOINT/
 HUMAN/ *JOINT PROSTHESIS/ MALE/
 METHODS/ OSTEOPOROSIS, etiology/
 POSTOPERATIVE COMPLICATIONS
4394. Sundaravalli N, Raju VB: Therapy of hepatic coma.
 Indian Pediatr 11:37-41, Jan 74 (51 ref.)
 ADRENAL CORTEX HORMONES, therapeutic
 use/ ANIMAL EXPERIMENTS/ EXCHANGE
 TRANSFUSION/ HEPATIC COMA, drug
 therapy/ HEPATIC COMA, etiology/
 *HEPATIC COMA, therapy/ HEPATITIS,
 INFECTIOUS, complications/ HUMAN/
 PARABIOSIS/ PERFUSION/ REVIEW
4395. Sussman EB, Porro RS: Pituitary apoplexy: the role of
 atheromatous emboli. Stroke 5:318-23, May-Jun 74
 *ADENOMA, CHROMOPHOBE, complications/
 ADENOMA, CHROMOPHOBE, pathology/
 *ARTERIOSCLEROSIS, complications/
 ARTERIOSCLEROSIS, pathology/ CASE
 REPORT/ *CEREBRAL EMBOLISM AND
 THROMBOSIS, complications/ CEREBRAL
 EMBOLISM AND THROMBOSIS, pathology/
 *HEMORRHAGE, etiology/ HEMORRHAGE,
 pathology/ HUMAN/ MALE/ PITUITARY
 DISEASES, etiology/ PITUITARY DISEASES,
 pathology/ PITUITARY GLAND, pathology/
 *PITUITARY NEOPLASMS, complications/
 PITUITARY NEOPLASMS, pathology
4396. Suteanu S, Dănilă E, Ionescu-Pirvu V, et al: Experiența

AUTHOR SECTION

noastră în tratamentul poliartritei reumatoide cu Imuran și Proresid în ambulator.

Med Interna (Bucur) 25:1491-7, Dec 73 (Rum)
ADRENAL CORTEX HORMONES, therapeutic use/ *ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, immunology/ *AZATHIOPRINE, therapeutic use/ DRUG RESISTANCE/ FEMALE/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *PODOPHYLLIN, therapeutic use

4397. Suter KE: Röntgeninduzierte Mutationsspektren verschiedener Keimzellstadien von Drosophila-männchen mit einem doppelt markierten Y-chromosom und einem stab-X-oder einem ring-X-Chromosom.

Mutat Res 19:83-98, Jul 73 (Ger)
ANIMAL EXPERIMENTS/ CHROMATIDS/ CHROMOSOME ABERRATIONS/ *DROSOPHILA, radiation effects/ ENGLISH ABSTRACT/ GENES, LETHAL/ MALE/ MEIOSIS/ MOSAICISM/ *MUTATION/ PHENOTYPE/ RADIATION DOSAGE/ *RADIATION GENETICS/ *SEX CHROMOSOMES, radiation effects/ *SPERMATOOZOA, radiation effects

4398. Sutherland DJ, Singhal RL: Alterations in adenylate cyclase activity of the rat prostate gland.

Biochim Biophys Acta 343:238-49, 20 Mar 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ CASTRATION/ COMPARATIVE STUDY/ CYCLOHEXIMIDE, pharmacodynamics/ CYPROTERONE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ MALE/ METHYLPREDNISOLONE, pharmacodynamics/ PHOSPHODIESTERASES, metabolism/ PROGESTERONE, pharmacodynamics/ PROPANOLOL, pharmacodynamics/ PROSTATE, drug effects/ *PROSTATE, enzymology/ RATS/ STANOLONE, pharmacodynamics/ TESTIS, physiology/ TESTOSTERONE, pharmacodynamics/ TIME FACTORS

4399. Sutherland DJ, Tell AH, Singhal RL: The influence of testosterone on the endogenous levels of prostaglandin F in the accessory reproductive glands of the adult male rat.

Can J Physiol Pharmacol 52:364-7, Apr 74
ANIMAL EXPERIMENTS/ CASTRATION/ MALE/ *PROSTAGLANDINS, metabolism/ PROSTATE, drug effects/ *PROSTATE, metabolism/ SEMINAL VESICLES, drug effects/ *SEMINAL VESICLES, metabolism/ TESTIS, physiology/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS

4400. Suwa S: [Growth retardation caused by endocrine abnormality]

Clin Endocrinol (Tokyo) 22:88-91, Jan 74 (Jap)
DWARFISM, drug therapy/ *DWARFISM, etiology/ DWARFISM, PITUITARY, therapy/ *ENDOCRINE DISEASES, complications/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ SOMATOTROPIN, therapeutic use

4401. Suwa S: [Delayed puberty: in pediatrics]

Clin Endocrinol (Tokyo) 22:182-5, Jan 74 (Jap)
FEMALE/ GENITALIA, FEMALE, abnormalities/ HUMAN/ HYPOGONADISM, therapy/ MALE/ *PUBERTY

4402. Suwa S: [Hermaphroditism: in pediatrics]

Clin Endocrinol (Tokyo) 22:204-6, Jan 74 (Jap)
FEMALE/ *HERMAPHRODITISM, therapy/ HUMAN/ MALE

4403. Suwa S: [Precocious puberty: in pediatrics]

Clin Endocrinol (Tokyo) 22:194-7, Jan 74 (Jap)
CHILD/ FEMALE/ HUMAN/ MALE/ *PUBERTY, PRECOCIOUS, therapy

4404. Suzuki Y, Ito I, Ito M, et al: [Changes of mucopolysaccharase, protease and collagenolytic activities in rats with adjuvant arthritis and the effects of various anti-inflammatory drugs]

Folia Pharmacol Jap 69:947-68, Nov 73 (Jap)

ANIMAL EXPERIMENTS/
*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ARTHRITIS, blood/ *ARTHRITIS, enzymology/ ARTHRITIS, metabolism/ AZATHIOPRINE, pharmacodynamics/ BARBITURATES, pharmacodynamics/ CHLOROQUINE, pharmacodynamics/ *COLLAGEN, metabolism/ CYCLOHEXANE, pharmacodynamics/ EDEMA, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSAMINIDASE, metabolism/ GLUCURONIDASE, metabolism/ *GLYCOSIDE HYDROLASES, metabolism/ INDOMETHACIN, pharmacodynamics/ LEUKOCYTE COUNT/ MURAMIDASE, metabolism/ *PEPTIDE HYDROLASES, metabolism/ PHENYLBUTAZONE, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ RATS

4405. Svalander C: Ultrastructure of the fetal rat adenohypophysis.

Acta Endocrinol [Suppl] (Kbh) 188:1-113, 1974
ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE/ BODY WEIGHT/ CELL DIFFERENTIATION/ CYTOPLASM/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ FEMALE/ FETUS/ GESTATIONAL AGE/ GLYCOGEN, metabolism/ GOLGI APPARATUS/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ PHOSPHATASES, metabolism/ PITUITARY GLAND, blood supply/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, embryology/ PITUITARY GLAND, enzymology/ PITUITARY GLAND, metabolism/ REGIONAL BLOOD FLOW

4406. Svare B, Gandelman R: Stimulus control of aggressive behavior in androgenized female mice.

Behav Biol 10:447-59, Apr 74
*AGGRESSION/ ANIMAL EXPERIMENTS/ CASTRATION/ CUES/ FEMALE/ MALE/ MICE/ ODORS/ *OLFACTORY BULB, physiology/ SEX BEHAVIOR, ANIMAL/ SEX FACTORS/ *SMELL/ SOCIAL BEHAVIOR/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS

4407. Svendsen UG: Thymus dependency of periarthritis nodosa in DOCA and salt treated mice.

Acta Pathol Microbiol Scand [A] 82:30-4, Jan 74
ANIMAL EXPERIMENTS/ ARTERIES, drug effects/ ARTERIES, pathology/ *DESOXYCORTICOSTERONE, pharmacodynamics/ FEMALE/ HEART, drug effects/ KIDNEY, drug effects/ KIDNEY, pathology/ MALE/ MICE/ MICROSCOPY, ELECTRON/ MYOCARDIUM, pathology/ NEPHRECTOMY/ ORGAN WEIGHT/ PANCREAS, drug effects/ PANCREAS, pathology/ PERIARTERITIS NODOSA, immunology/ *PERIARTERITIS NODOSA, pathology/ *THYMUS GLAND, abnormalities

4408. Svetlova AK, Karpocheva OG, Bol'shakova TD, et al: Funktsional'noe sostoianie simpatiko-adrenalovoi sistemy i pokazateli glukokortikoidov u novorozhdennykh detei pri pnevmopatiakh i pnevmonlakh.

Pediatrila 53:36-9, 1974 (Rus)
*ADRENAL GLANDS, physiopathology/ *CATECHOLAMINES, urine/ *DOPA, urine/ ENGLISH ABSTRACT/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ *PNEUMONIA, physiopathology/ PNEUMONIA, urine/ *RESPIRATORY DISTRESS SYNDROME, physiopathology/ RESPIRATORY DISTRESS SYNDROME, urine/ *SYMPATHETIC NERVOUS SYSTEM, physiopathology

4409. Swaminathan R: Proceedings: The inhibitory effect of pentagastrin on intestinal calcium absorption.

J Physiol (Lond) 238:75P-76P, Apr 74
ANIMAL EXPERIMENTS/ CALCIUM, antagonists & inhibitors/ *CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ DEPRESSION, CHEMICAL/ *INTESTINAL

AUTHOR SECTION

- ABSORPTION, drug effects/
PENTAGASTRIN, pharmacodynamics/ SWINE
4410. Swaminathan R, Fox J, Tomlinson S, et al: Proceedings: Adaptation to a low calcium diet in parathyroidectomized pigs. N Engl J Med 291:78-9, 11 Jun 74
*ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ *CALCIUM, DIETARY, metabolism/ *INTESTINAL ABSORPTION/ *PARATHYROID GLANDS, physiology/ *SWINE, physiology/ THYROID GLAND, physiology/ THYROIDECTOMY
4411. Swaminathan R, Ker J, Care D: Calcitonin and intestinal calcium absorption. J Endocrinol 61:83-94, Apr 74
ANIMAL EXPERIMENTS/ *CALCITONIN, pharmacodynamics/ *CALCIUM, metabolism/ CALCIUM, DIETARY/ CALCIUM RADIOISOTOPES/ HOMEOSTASIS/ ILEUM, metabolism/ INFUSIONS, PARENTERAL/ *INTESTINAL ABSORPTION, drug effects/ INTESTINE, SMALL, metabolism/ JEJUNUM, physiology/ PARATHYROID GLANDS, physiology/ POLYETHYLENE GLYCOLS/ PYLORUS, metabolism/ SALMON/ SHEEP/ SWINE
4412. Swann RW, Pickering BT: Proceedings: Subcellular studies of the incorporation of (35S)cysteine into components of the neurohypophysis. N Engl J Med 291:lvilvii, 11 Jun 74
ANIMAL EXPERIMENTS/ *CYSTEINE, metabolism/ CYTOPLASMIC GRANULES, metabolism/ MALE/ NEUROPHYSINS, metabolism/ *PITUITARY GLAND, POSTERIOR, metabolism/ SULFUR RADIOISOTOPES
4413. Swenson PE, Dimick PS: Oxidation of medium chain fatty acids by the ruminant mammary gland. J Dairy Sci 57:290-5, Mar 74
ACETATES, administration & dosage/ ACETATES, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ FATTY ACIDS, administration & dosage/ FATTY ACIDS, biosynthesis/ *FATTY ACIDS, metabolism/ FEMALE/ *GOATS, metabolism/ INJECTIONS/ INJECTIONS, INTRAVENOUS/ LACTATION/ LIPIDS, metabolism/ *MILK, metabolism/ OXIDATION-REDUCTION/ SODIUM, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS/ *UDDER, metabolism
4414. Switzer P, Gerstl B, Greenspoon J: Karyometry in the estimation of nuclear population in pulmonary carcinomas. J Natl Cancer Inst 52:1699-704, Jun 74
*ADENOCARCINOMA, pathology/ *CARCINOMA, BRONCHIOLAR, pathology/ *CARCINOMA, EPIDERMOID, pathology/ *CARCINOMA, OAT CELL, pathology/ *CARCINOMA, PAPILLARY, pathology/ *CELL NUCLEUS/ FOLLOW-UP STUDIES/ HUMAN/ *KARYOMETRY/ *LUNG NEOPLASMS, pathology/ METHODS/ PROGNOSIS
4415. Sykes JA, Maddox IS: Prostaglandin production by experimental tumours and its inhibition by non-steroidal-anti-inflammatory drugs. Pol J Pharmacol Pharm 26:83-91, Jan-Apr 74
ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ CARCINOMA, EHRLICH TUMOR, metabolism/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ COLON/ FEMALE/ MALE/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH/ *NEOPLASMS, EXPERIMENTAL, metabolism/ *PROTAGLANDINS, biosynthesis/ RECTUM/ SARCOMA, EXPERIMENTAL, metabolism/ SPECTRUM ANALYSIS, MASS/ STOMACH/ TISSUE CULTURE
4416. Szabó D, Gláz E, Kelemen J: Subcellular localisation of adrenal cholesterol by autoradiography and digitonin reaction after aminogluthethimide-induced inhibition of corticosterone synthesis. Histochemie 38:213-21, 6 Mar 74
- ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ *AMINOGLUTETHIMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *CHOLESTEROL, metabolism/ CHROMATOGRAPHY, THIN LAYER/ *CORTICOSTERONE, biosynthesis/ DEPRESSION, CHEMICAL/ DIGITONIN/ HISTOCYTOCHEMISTRY/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, POLARIZATION/ MITOCHONDRIA, metabolism/ PREGNENOLONE, biosynthesis/ STAINS AND STAINING/ TRITIUM
4417. Szabo S: Letter: Gold nephropathy and glucocorticoids. Arch Pathol 98:66, Jul 74
ANIMAL EXPERIMENTS/ ARTHRITIS, RHEUMATOID, drug therapy/ *GLUCOCORTICIDS, therapeutic use/ *GOLD THIOMALATE, adverse effects/ GOLD THIOMALATE, therapeutic use/ HUMAN/ *KIDNEY DISEASES, chemically induced/ KIDNEY DISEASES, prevention & control/ NEPHROTIC SYNDROME, chemically induced/ RATS
4418. Szadujkis-Szadurski L, Korolkiewicz Z: Comparison of the PGE1 and catecholamines influence on the active transport of sodium. Pol J Pharmacol Pharm 26:117-8, Jan-Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIMYCIN A, pharmacodynamics/ ASCORBIC ACID, pharmacodynamics/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CATECHOLAMINES, pharmacodynamics/ COMPARATIVE STUDY/ ELECTROPHYSIOLOGY/ EPINEPHRINE, pharmacodynamics/ IODOACETATES, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ OXIDATIVE PHOSPHORYLATION/ PROTAGLANDINS, antagonists & inhibitors/ *PROTAGLANDINS, pharmacodynamics/ SKIN, physiology/ *SODIUM, metabolism/ SUCCINATES, pharmacodynamics
4419. Szalay GC: Letter: Congenital adrenal hypoplasia. Obstet Gynecol 43:924, Jun 74
*ADRENAL GLAND HYPOFUNCTION, congenital/ ADRENAL GLANDS, abnormalities/ *BIRTH WEIGHT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MALE/ PREGNANCY/ PREGNANCY TOXEMIAS, complications/ SEX FACTORS
4420. Szalay GC: Letter: Testicular tumors in unilateral cryptorchidism. Pediatrics 54:118, Jul 74
*CRYPTORCHISM, complications/ HUMAN/ MALE/ *TESTICULAR NEOPLASMS, etiology/ TESTICULAR NEOPLASMS, occurrence
4421. Szalay GC: Letter: The Russell-Silver syndrome. Am J Dis Child 127:911, Jun 74
ABNORMALITIES, MULTIPLE/ *BONE DISEASES, DEVELOPMENTAL/ *CRANIOFACIAL DYSOSTOSIS/ *DWARFISM, congenital/ HUMAN/ *HYPERTROPHY, congenital/ MALE/ PUBERTY, PRECOCIOUS/ SYNDROME
4422. Szalay GC: Letter: The Russell-Silver syndrome. Am J Dis Child 127:911, Jun 74
ABNORMALITIES, MULTIPLE/ ADOLESCENCE/ *BONE DISEASES, DEVELOPMENTAL/ *CRANIOFACIAL DYSOSTOSIS/ *DWARFISM, congenital/ HUMAN/ *HYPERTROPHY, congenital/ MALE/ PUBERTY, PRECOCIOUS/ SYNDROME
4423. Szalay KS: In vitro aldosterone production: effect of ethacrynic acid, chlorpromazine and veratrine. Acta Physiol Acad Sci Hung 43:275-9, 1973
*ADRENAL GLANDS, metabolism/ *ALDOSTERONE, biosynthesis/ ANIMAL EXPERIMENTS/ *CHLORPROMAZINE, pharmacodynamics/ CORTICOSTERONE, biosynthesis/ *ETHACRYNIC ACID, pharmacodynamics/ FEMALE/ POTASSIUM,

AUTHOR SECTION

- metabolism/ RATS/ *VERATRINE, pharmacodynamics
4424. Szcześniak M, Wienlowski W: Identyfikacja i oznaczanie małych ilości pirydylowych pochodnych N-glukozyliotiomocznika. Acta Pol Pharm 31:27-33, 1974 (Pol)
CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ GLUCOSE, analysis/ GLYCOSIDES, analysis/ GLYCOSIDES, blood/ PYRIDINES, analysis/ PYRIDINES, blood/ SILVER NITRATE/ SOLUTIONS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *THIOUREA, analysis/ THIOUREA, blood
4425. Sze FY, Neckers L: Requirement for adrenal glucocorticoid in the ethanol-induced increase of tryptophan hydroxylase activity in mouse brain. Brain Res 72:375-8, 7 Jun 74
*ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ ENZYME INDUCTION/ *GLUCOCORTICIDS, physiology/ *HYDROXYLASES, biosynthesis/ MALE/ MICE, INBRED STRAINS/ TRYPTOPHAN HYDROXYLASE, biosynthesis
4426. Szemesi I: Progesterone in the management of hormone-dependent inoperable tumours. Ther Hung 20:150-1, 1972
*ADENOCARCINOMA, drug therapy/ *CARCINOMA, drug therapy/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *OVARIAN NEOPLASMS, drug therapy/ PALLIATIVE TREATMENT/ PROGESTERONE, administration & dosage/ *PROGESTERONE, therapeutic use/ RECURRENCE
4427. Szendrői Z, Kocsár L, Karika Z, et al: Recent data on the mechanism of action of oestrogens in the treatment of prostatic tumour patients. Int Urol Nephrol 5:311-23, 1974
AGED/ ANTINEOPLASTIC AGENTS, metabolism/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BLADDER, metabolism/ BONE NEOPLASMS, metabolism/ CARBAMATES, metabolism/ CARBAMATES, therapeutic use/ CASTRATION/ ESTRANES, metabolism/ *ESTRANES, therapeutic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ ISOTOPE LABELING/ LIVER, metabolism/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ NITROGEN MUSTARD COMPOUNDS, metabolism/ *NITROGEN MUSTARD COMPOUNDS, therapeutic use/ ORGANOPHOSPHORUS COMPOUNDS, metabolism/ ORGANOPHOSPHORUS COMPOUNDS, therapeutic use/ PROSTATE, metabolism/ *PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, metabolism/ PROSTATIC NEOPLASMS, radiography/ RADIOISOTOPE SCANNING/ URETER, radiography
4428. Szepesi G, Görög S: Analysis of steroids. XXIV. A specific method for the spectrophotometric determination of 17-ethynyl steroids. Analyst 99:218-21, Apr 74
*CONTRACEPTIVES, ORAL, analysis/ ESTRADIOL, analysis/ ETHYNODIOL DIACETATE, analysis/ MESTRANOL, analysis/ METHODS/ SPECTROPHOTOMETRY
4429. Szymański W, Modrzejewska R, Patorska-Mach E, et al: Wydalanie gonadotropiny kosmówkowej w przypadkach wirusowego zapalenia wątroby u ciężarnych. Ginekol Pol 45:459-63, Apr 74 (Pol)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ *HEPATITIS, INFECTIOUS, urine/ HUMAN/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS, urine
- serotonin metabolism in brain.
J Neurochem 22:759-64, May 74
ALCOHOL, ETHYL, blood/ *ALCOHOL, ETHYL, pharmacodynamics/ ALCOHOL OXIDOREDUCTASES, metabolism/ ALDEHYDE OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL, drug effects/ BRAIN, cytology/ BRAIN, drug effects/ BRAIN, enzymology/ *BRAIN, metabolism/ COMPARATIVE STUDY/ CONVULSIONS, metabolism/ HYDROXYINDOLEACETIC ACID, metabolism/ MALE/ MICE, INBRED STRAINS/ MITOCHONDRIA, enzymology/ MONOAMINE OXIDASE, metabolism/ PENTYLENETETRAZOLE, pharmacodynamics/ PYRAZOLES, pharmacodynamics/ SEROTONIN, metabolism/ TIME FACTORS
4431. Tabbara KF, Ostler HB, Daniels TE, et al: Sjögren's syndrome: a correlation between ocular findings and labial salivary gland histology. Trans Am Acad Ophthalmol Otolaryngol 78:op467-78, May-Jun 74
ADRENAL CORTEX HORMONES, therapeutic use/ ARTHRITIS, RHEUMATOID, diagnosis/ BIOPSY/ *EYE, pathology/ FEMALE/ HUMAN/ KERATOCONJUNCTIVITIS, diagnosis/ LIP, pathology/ LYMPHOCYTES/ MALE/ MURAMIDASE, analysis/ *SALIVARY GLANDS, pathology/ SJÖGREN'S SYNDROME, diagnosis/ SJÖGREN'S SYNDROME, drug therapy/ *SJÖGREN'S SYNDROME, pathology/ TEARS, enzymology
4432. Tabel T, Haga H, Heinrichs WL, et al: Metabolism of progesterone by rat brain, pituitary gland and other tissues. Steroids 23:651-66, May 74
ALGESTONE ACETOPHENIDE, metabolism/ ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ CARBON RADIOISOTOPES/ CELL-FREE SYSTEM/ CEREBRAL CORTEX, metabolism/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ EPIDIDYMIS, metabolism/ FEMALE/ GEL FILTRATION/ HYDROXYSTEROID DEHYDROGENASES, metabolism/ HYPOTHALAMUS, metabolism/ ISOTOPE LABELING/ MALE/ ORGAN SPECIFICITY/ OXIDATION-REDUCTION/ *PITUITARY GLAND, metabolism/ PREGNANEDIONES, metabolism/ *PROGESTERONE, metabolism/ PROSTATE, metabolism/ TIME FACTORS/ TRITIUM/ UTERUS, metabolism
4433. Tabel T, Heinrichs WL: Biosynthesis of 3beta, 17beta-dihydroxyandrost-5-en-16-one by hepatic microsomes from previsible and anencephalic human fetuses. Acta Endocrinol (Kbh) 76:576-82, Jul 74
*ANDROSTENOLS, biosynthesis/ ANENCEPHALUS, metabolism/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, GAS/ *DEHYDROEPIANDROSTERONE, metabolism/ FEMALE/ FETUS/ GESTATIONAL AGE/ HUMAN/ IN VITRO/ KETOSTEROIDS, biosynthesis/ MALE/ *MICROSOMES, LIVER, metabolism
4434. Taborsky G: Phosphoproteins. Adv Protein Chem 28:1-210, 1974
ADENOSINE TRIPHOSPHATASE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL TRANSPORT/ BONE AND BONES, analysis/ CASEIN/ CELL MEMBRANE, enzymology/ DENTIN, analysis/ EGG YOLK/ ERYTHROCYTES, analysis/ HISTONES/ HYDROGEN-ION CONCENTRATION/ HYDROLASES/ KINETICS/ MITOCHONDRIA, analysis/ NUCLEOPROTEINS/ OVALBUMIN/ *PHOSPHOPROTEINS, metabolism/ PROTEIN BINDING/ PROTEIN KINASE/ REVIEW/ RIBOSOMES, analysis/ TRANSFERASES/ VARIATION (GENETICS)
4435. Tachizawa H, Saito T, Akimoto T: Proceedings: Metabolism of N6,02'-dibutyryl-3', 5'-cyclic-AMP (DBcAMP). Jap J Pharmacol 24:Suppl:51, 1974
ANIMAL EXPERIMENTS/ *DIBUTYRYL CYCLIC AMP, metabolism/ FEMALE/ MALE

T

AUTHOR SECTION

4436. Tadano T, Onoki M, Kisara K: [Behavioral pharmacology of alkali metals. 2. Changes of brain polyamine levels in mice with aggressive behavior and effects of LiCl] *Folia Pharmacol Jap* 70:9-18, Jan 74 (Jap)
 *AGGRESSION, drug effects/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CATECHOLAMINES, analysis/ CHLORIDES, pharmacodynamics/ DOPAMINE, analysis/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ *LITHIUM, pharmacodynamics/ MALE/ NOREPINEPHRINE, analysis/ *POLYAMINES, analysis/ SEROTONIN, analysis/ SOCIAL ISOLATION/ SPERMIDINE, analysis/ SPERMINE, analysis
4437. Taira Y, Tsuchiyama H, Kawai K, et al: Proceedings: Cell proliferation in the adrenal cortex of the fetus of spontaneously hypertensive rat injected with tritiated thymidine. *Jap Heart J* 15:184, Mar 74
 ADRENAL GLANDS, metabolism/ *ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ *CELL DIVISION/ FEMALE/ *FETAL DISEASES, pathology/ FETUS/ HYPERTENSION, familial & genetic/ *HYPERTENSION, pathology/ THYMIDINE, metabolism/ TRITIUM
4438. Takagi M, Hoagland MB: Polysome-binding capacity of membranes in the cytoplasmic extract prepared from phenobarbital treated and regenerating rat liver. *Biochem Biophys Res Commun* 58:868-75, 4 Jun 74
 ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ BINDING SITES/ CARBON RADIOISOTOPES/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ COMPARATIVE STUDY/ CYTOPLASM, drug effects/ CYTOPLASM, metabolism/ ESTRADIOL, pharmacodynamics/ FEMALE/ GEL FILTRATION/ LIVER, cytology/ LIVER, drug effects/ *LIVER, metabolism/ *LIVER REGENERATION, drug effects/ OROTIC ACID/ *PHENOBARBITAL, pharmacodynamics/ POLYRIBOSOMES, drug effects/ *POLYRIBOSOMES, metabolism/ TESTOSTERONE, pharmacodynamics
4439. Takagi N: Differentiation of X chromosomes in early female mouse embryos. *Exp Cell Res* 86:127-35, May 74
 ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CELL DIVISION/ *EMBRYO, cytology/ FEMALE/ FIBROBLASTS, cytology/ FLUORESCENCE/ GESTATIONAL AGE/ MALE/ MICE/ MICROSCOPY, FLUORESCENCE/ QUINACRINE/ *SEX CHROMOSOMES/ STAINS AND STAINING/ THYMIDINE, metabolism/ TRITIUM
4440. Takagi N, Sasaki M: A phylogenetic study of bird karyotypes. *Chromosoma* 46:91-120, 21 May 74
 ANIMAL EXPERIMENTS/ *BIRDS/ CHICKENS/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES/ COMPARATIVE STUDY/ *EVOLUTION/ FEMALE/ KARYOTYPING/ LYMPHOCYTES, cytology/ MALE/ PIGEONS/ SEX CHROMOSOMES/ STAINS AND STAINING/ TURTLES
4441. Takahashi H, Iwasaki Y: Histochemical demonstration of delta 5-3 beta-hydroxysteroid dehydrogenase activity in the testis of the medaka, *Oryzias latipes*. *Endocrinol Jap* 20:529-33, Oct 73
 ANIMAL EXPERIMENTS/ FISHES/ HISTOCYTOCHEMISTRY/ *HYDROXYSTEROID DEHYDROGENASES, metabolism/ LIGHT/ MALE/ SPERMATOGENESIS/ TEMPERATURE/ TESTIS, cytology/ *TESTIS, enzymology
4442. Takahashi Y: [Mechanism of synthesis and secretion of amylase in the pancreas] *Jap J Gastroenterol* 70:1320-32, Dec 73 (Jap)
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ AMYLASE, biosynthesis/ *AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ IN VITRO/ *PANCREAS, enzymology/ PANCREOZYMIN, physiology/ RATS
4443. Takaku F: [Malignant anemia]
- Jap J Clin Med 31:3435-40, Dec 73 (20 ref.) (Jap)
 ADRENAL CORTEX HORMONES, therapeutic use/ ANEMIA, PERNICIOUS, drug therapy/ ANEMIA, PERNICIOUS, etiology/ *ANEMIA, PERNICIOUS, immunology/ ANEMIA, PERNICIOUS, physiopathology/ AUTOANTIBODIES, analysis/ GASTRIC JUICE, immunology/ GASTRIC MUCOSA, immunology/ HUMAN/ INTRINSIC FACTOR/ REVIEW
4444. Takala I, Niinikoski J: Role of lysosomal damage in the development of pulmonary oxygen poisoning. *Acta Chir Scand* 140:167-70, 1974
 ACID PHOSPHATASE, blood/ *ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *GLUCURONIDASE, metabolism/ *HYDROCORTISONE, pharmacodynamics/ LIVER, enzymology/ LUNG, drug effects/ LUNG, enzymology/ *LYSOSOMES, enzymology/ MALE/ *OXYGEN, toxicity/ PLEURA, enzymology/ PULMONARY EDEMA, chemically induced/ STIMULATION, CHEMICAL/ TIME FACTORS
4445. Takasaki K, Kaneko M, Fujii T, et al: [Hypoglycemic action of certain heterocyclic carboxylic acid derivatives] *Folia Pharmacol Jap* 69:977-94, Nov 73 (Jap)
 ADRENAL GLANDS, physiology/ ALLOXAN DIABETES, blood/ ANIMAL EXPERIMENTS/ *ANTIDIABETICS/ BLOOD SUGAR, analysis/ *CARBOXYLIC ACIDS, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCOSE TOLERANCE TEST/ GLYCOSURIA/ *HETEROCYCLIC COMPOUNDS, pharmacodynamics/ INSULIN, pharmacodynamics/ LIVER GLYCOGEN, metabolism/ MALE/ MICE/ OXALOACETATES, pharmacodynamics/ PANCREAS, physiology/ RABBITS/ RATS/ TOLBUTAMIDE, pharmacodynamics
4446. Takasu N, Yamada T: [Thyroiditis] *Clin Endocrinol (Tokyo)* 22:12-6, Jan 74 (Jap)
 CHRONIC DISEASE/ HUMAN/ *THYROIDITIS/ THYROIDITIS, LYMPHOMATOUS
4447. Takatani O: [Recurrent mammary tumor] *Clin Endocrinol (Tokyo)* 22:146-52, Jan 74 (Jap)
 ADRENALECTOMY/ ANDROGENS, therapeutic use/ *BREAST NEOPLASMS, therapy/ CASTRATION/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ NEOPLASM RECURRENCE, LOCAL
4448. Takáts S, Jobst C, Szilvássy H: Effect of prostaglandin E2 on aqueous humor flow in the rabbit eye. *Albrecht von Graefes Arch Klin Ophthalmol* 190:221-7, 17 May 74
 ANIMAL EXPERIMENTS/ ANTERIOR CHAMBER/ *AQUEOUS HUMOR, drug effects/ AQUEOUS HUMOR, metabolism/ AQUEOUS HUMOR, physiology/ BIOLOGICAL TRANSPORT, drug effects/ EYE PROTEINS, metabolism/ INJECTIONS/ INTRAOCULAR PRESSURE, drug effects/ MANOMETRY/ OSMOLAR CONCENTRATION/ *PROSTAGLANDINS, pharmacodynamics
4449. Takazoe I: [Calcification in bacteria] *Jap J Bacteriol* 28:489-97, Nov 73 (37 ref.) (Jap)
 *BACTERIA, metabolism/ *CALCIUM, metabolism/ LEPTOTHRIX, metabolism/ PHOSPHATES, metabolism/ PHOSPHOLIPIDS, metabolism/ REVIEW
4450. Takeichi M, Noda Y: Light and electron microscope studies on the ventromedial hypothalamic nucleus of the cat, with special reference to the fine structures of neurons and synapses. *Folia Psychiatr Neurol Jap* 28:45-64, Jan 74
 ANIMAL EXPERIMENTS/ CAPILLARIES, cytology/ ENDOPLASMIC RETICULUM/ GOLGI APPARATUS/ *HYPOTHALAMUS, cytology/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ NEUROGLIA/ *NEURONS, cytology/ RIBOSOMES/ *SYNAPSES, cytology

AUTHOR SECTION

4451. Takeuchi K, Okabe S, Takagi K: Influence of pregnancy and lactation on the healing processes of gastric and duodenal ulcer models in rat.
Experientia 30:366-8, 15 Apr 74
ACETIC ACIDS/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *DISEASE MODELS, ANIMAL/ DUODENAL ULCER, chemically induced/ DUODENAL ULCER, complications/ *DUODENAL ULCER, physiopathology/ FEMALE/ GASTRIC ACIDITY DETERMINATION/ GASTRIC JUICE, secretion/ GASTRIC MUCOSA, secretion/ *LACTATION/ MALE/ *PREGNANCY, ANIMAL/ STOMACH ULCER, chemically induced/ STOMACH ULCER, complications/ *STOMACH ULCER, physiopathology/ TIME FACTORS
4452. Talerman A, Kaalen JG, Fokkens W: Rural preponderance of testicular neoplasms.
Br J Cancer 29:176-8, Feb 74
COMPARATIVE STUDY/ DISGERMINOMA, occurrence/ HUMAN/ MALE/ NETHERLANDS/ *RURAL POPULATION/ TERATOID TUMOR, occurrence/ *TESTICULAR NEOPLASMS, occurrence/ URBAN POPULATION
4453. Tallman JF, Brady RO, Quirk JM, et al: Isolation and relationship of human hexosaminidases.
J Biol Chem 249:3489-99, 10 Jun 74
AMAUROTIC FAMILIAL IDIOT, enzymology/ AMMONIUM SULFATE/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ CLOSTRIDIUM PERFRINGENS, enzymology/ DRUG STABILITY/ ELECTROPHORESIS, DISC/ FEMALE/ GANGLIOSIDES, metabolism/ GEL FILTRATION/ HEAT/ *HEXOSAMINIDASES, isolation & purification/ HEXOSAMINIDASES, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *ISOENZYMES, isolation & purification/ KINETICS/ MOLECULAR WEIGHT/ NEURAMINIDASE, pharmacodynamics/ *PLACENTA, enzymology/ PREGNANCY/ SPECTROMETRY, FLUORESCENCE/ SPHINGOLIPIDS, metabolism/ TAUROCHOLIC ACID, pharmacodynamics/ TRITIUM
4454. Talukdar CK, Jana S, Mehrotra AN, et al: Incidence of thyroglobulin auto-antibodies in diverse thyroidal disorders: application of tanned red cell agglutination test. J Assoc Physicians India 21:465-72, Jun 73
*AUTOANTIBODIES, analysis/ FEMALE/ HEMAGGLUTINATION TESTS/ HUMAN/ MALE/ *THYROGLOBULIN/ *THYROID DISEASES, immunology
4455. Talukdar CK, Jana S, Chaudhuri SN, et al: A study of possible correlation between thyroid functions and circulating thyroglobulin antibodies.
J Indian Med Assoc 61:419-23, 16 Nov 73
*AUTOANTIBODIES, analysis/ FEMALE/ HEMAGGLUTINATION TESTS/ HUMAN/ MALE/ *THYROGLOBULIN/ *THYROID DISEASES, immunology/ THYROID DISEASES, physiopathology/ *THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS
4456. Tamada T: [Dysgenesis ovarii]
Clin Endocrinol (Tokyo) 22:138-40, Jan 74 (Jap)
FEMALE/ HUMAN/ *TURNER'S SYNDROME, therapy
4457. Tamm D, Uhlenbruch K, Maass D: Doppelseitiges Paget-v-Schrötter-Syndrom. Kasuistischer Beitrag zum Problem des Thromboserisikos bei hormoneller Kontrazeption.
Dtsch Med Wochenschr 99:836-8, 19 Apr 74 (Ger)
ADULT/ *AXILLARY VEIN/ CASE REPORT/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ *INTERMITTENT CLAUDICATION, chemically induced/ PHLEBOGRAPHY/ STREPTOKINASE, therapeutic use/ SYNDROME/ *THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, drug therapy/ TIME FACTORS/ VARICOSE ULCER, diagnosis/ VARICOSE VEINS, complications
4458. Tamura S, Igarashi M: Serum prolactin levels during ovulatory menstrual cycle and menstrual disorders in women. Endocrinol Jap 20:483-8, Oct 73
CLOMIPHENE, pharmacodynamics/ ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ FEMALE/ HUMAN/ *MENSTRUATION DISORDERS, blood/ *OVULATION/ *PROLACTIN, blood/ RADIOIMMUNOASSAY
4459. Tamura S, Nozaki S: [Pharmacological studies of a lipase, GA-56, produced by Pseudomonas sp. IV. Chronic toxicity of GA-56]
Folia Pharmacol Jap 70:89-105, Jan 74 (Jap)
ADMINISTRATION, ORAL/ AMINOTRANSFERASES, blood/ ANIMAL EXPERIMENTS/ BLADDER, pathology/ BLOOD CELL COUNT/ BLOOD CHEMICAL ANALYSIS/ BODY WEIGHT, drug effects/ BRAIN, pathology/ EATING/ ENGLISH ABSTRACT/ FECES, analysis/ INTESTINE, SMALL, pathology/ KIDNEY, pathology/ LIPASE, administration & dosage/ *LIPASE, toxicity/ LIVER, pathology/ LUNG, pathology/ MALE/ MYOCARDIUM, pathology/ ORGAN WEIGHT/ PANCREAS, pathology/ *PSEUDOMONAS, enzymology/ SPLEEN, pathology/ STOMACH, pathology/ TESTIS, pathology/ URINE, analysis
4460. Tamura S, Tsutsumi S, Nozaki S: [Pharmacological studies of a lipase, GE-56, produced by Pseudomonas sp. V. Teratogenic effect of GA-56]
Folia Pharmacol Jap 70:107-18, Jan 74 (Jap)
*ABNORMALITIES, DRUG-INDUCED/ ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT, drug effects/ BONE AND BONES, abnormalities/ EMBRYO, drug effects/ ENGLISH ABSTRACT/ FEMALE/ FETUS, drug effects/ LIPASE, administration & dosage/ *LIPASE, pharmacodynamics/ NIDATION, drug effects/ ORGAN WEIGHT/ OSSIFICATION, PHYSIOLOGIC, drug effects/ *PSEUDOMONAS, enzymology
4461. Tamura T, Moriya Y: Proceedings: Studies on the toxicity of drugs. XII. Toxicity of cadmium.
Jap J Pharmacol 24:Suppl:43, 1974
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, drug effects/ *CADMIUM, toxicity/ CALCIUM, metabolism/ CALCIUM RADIOISOTOPES
4462. Tanaka K, Sakaida M, Kamiyoshi M: Release of gonadotropins from the chicken pituitary by synthetic LH-RH-FSH-RH. Poult Sci 53:74-7, Jan 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *CHICKENS, physiology/ FEMALE/ *GONADOTROPINS, PITUITARY, secretion/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ LH-FSH RELEASING HORMONE, administration & dosage/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ MALE/ OVULATION, drug effects/ PHOSPHORUS RADIOISOTOPES/ *PITUITARY GLAND, drug effects/ TESTIS, metabolism/ TISSUE CULTURE
4463. Tanaka M, Hanlu M, Yasunobu KT: The amino acid sequence of putidaredoxin, an iron-sulfur protein from Pseudomonas putida.
J Biol Chem 249:3689-701, 25 Jun 74
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ APOPROTEINS, analysis/ AUTOANALYSIS/ *BACTERIAL PROTEINS, analysis/ CHEMISTRY/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *FERREDOXINS, analysis/ GEL FILTRATION/ HYDROLYSIS/ HYDROXYLAMINES, analysis/ IRON/ MOLECULAR WEIGHT/ PEPTIDE FRAGMENTS, analysis/ PEPTIDE FRAGMENTS, isolation & purification/ *PSEUDOMONAS, analysis/ SULFUR/ THERMOLYSIN/ THIOCYANATES/ TRYPSIN
4464. Tanaka T, Yamada Y, Kumagai K, et al: [A case of

AUTHOR SECTION

- ectopic gonadotropin producing cholangioma (author's transl)]
J Jap Soc Intern Med 62:1539-46, Nov 73 (Jap)
*CHOLANGIOMA, physiopathology/
*GONADOTROPINS, secretion/ *HORMONES,
ECTOPIC, secretion/ HUMAN/ *LIVER
NEOPLASMS, physiopathology/ MALE/
MIDDLE AGE
4465. Tanaka Y, Deluca HF: Role of 1,25-dihydroxyvitamin D3 in maintaining serum phosphorus and curing rickets. Proc Natl Acad Sci USA 71:1040-4, Apr 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT, drug effects/ CALCIFICATION,
PHYSIOLOGIC, drug effects/ CALCIUM,
blood/ CALCIUM, metabolism/
DIHYDROXYCHOLECALCIFEROLS,
administration & dosage/
DIHYDROXYCHOLECALCIFEROLS,
pharmacodynamics/
DIHYDROXYCHOLECALCIFEROLS, therapeutic
use/ DOSE-RESPONSE RELATIONSHIP,
DRUG/ HYDROXYCHOLECALCIFEROL,
pharmacodynamics/
*HYDROXYCHOLECALCIFEROL, therapeutic
use/ INJECTIONS, INTRAPERITONEAL/
INJECTIONS, INTRAVENOUS/ INTESTINES,
metabolism/ MALE/ *PHOSPHORUS, blood/
PHOSPHORUS, metabolism/ RATS/ RICKETS,
blood/ *RICKETS, drug therapy/
STIMULATION, CHEMICAL
4466. Tang M, Falk JL: Sarl-Ala8 angiotensin II blocks renin-angiotensin but not beta-adrenergic lipogenesis. Pharmacol Biochem Behav 2:401-8, May 74
*ADRENERGIC BETA RECEPTOR AGONISTS,
pharmacodynamics/ ALANINE/ ANGIOTENSIN,
administration & dosage/ ANGIOTENSIN,
metabolism/ *ANGIOTENSIN, physiology/
*ANGIOTENSIN II, pharmacodynamics/
ANIMAL EXPERIMENTS/
CATHETERIZATION/ COMPARATIVE STUDY/
*DIAZOXIDE, pharmacodynamics/ *DRINKING
BEHAVIOR, drug effects/ *ETHANOLAMINES,
pharmacodynamics/ INJECTIONS,
INTRAVENOUS/ *ISOPROTERENOL,
pharmacodynamics/ MALE/ QUINTERENOL,
pharmacodynamics/ RENIN, metabolism/
RENIN, pharmacodynamics/ *RENIN,
physiology/ SARCOSINE/ TIME FACTORS/
WATER
4467. Tang TT, Good TA, Dorrington AJ, et al: Reye's syndrome: clinical delineation and evaluation. Ws Med J 73:49-54, May 74
ADOLESCENCE/ AMMONIA, blood/ *BRAIN
DISEASES, pathology/ CHILD/ CHILD,
PRESCHOOL/ DEXAMETHASONE, therapeutic
use/ EXCHANGE TRANSFUSION/ *FATTY
LIVER, pathology/ FEMALE/ HUMAN/ MALE/
MANNITOL, therapeutic use/ PROGNOSIS/
REYE'S SYNDROME, diagnosis/ REYE'S
SYNDROME, pathology/ REYE'S SYNDROME,
therapy
4468. Tanioke H, Lin CY, Smith S, et al: Acyl specificity in glyceride synthesis by lactating rat mammary gland. Lipids 9:229-34, Apr 74
ACYLTRANSFERASES, metabolism/ ANIMAL
EXPERIMENTS/ CARBON RADIOISOTOPES/
COENZYME A, metabolism/ CYTOSOL,
metabolism/ *FATTY ACIDS, metabolism/
FEMALE/ *GLYCERIDES, biosynthesis/
GLYCEROPHOSPHATES, metabolism/
LACTATION/ MAMMAE, cytology/ *MAMMAE,
metabolism/ MICROSOMES, metabolism/
*MILK, metabolism/ MITOCHONDRIA,
metabolism/ PALMITIC ACID, metabolism/
PREGNANCY/ RATS/ STRUCTURE-ACTIVITY
RELATIONSHIP/ TRIGLYCERIDES,
biosynthesis
4469. Tannebaum M: Ultrastructural pathology of the adrenal cortex. Pathol Annu 8:109-56, 1973
ADENOMA, pathology/ *ADRENAL GLAND
DISEASES, pathology/ ADRENAL GLAND
NEOPLASMS, pathology/ ADRENAL GLANDS,
blood supply/ ADRENAL GLANDS,
embryology/ *ADRENAL GLANDS, pathology/
ADRENOGENITAL SYNDROME, pathology/
CUSHING'S SYNDROME, pathology/ HUMAN/
HYPERALDOSTERONISM, pathology/
HYPERPLASIA, pathology/ MICROSCOPY,
ELECTRON
4470. Tarachand U, Eapen J: Effect of cycloheximide and X-irradiation on in vivo protein synthesis by placenta and maternal liver of mice. Strahlentherapie 147:97-100, Jan 74
ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ CYCLOHEXIMIDE,
administration & dosage/ *CYCLOHEXIMIDE,
pharmacodynamics/ FEMALE/ LEUCINE,
metabolism/ LIVER, drug effects/ *LIVER,
metabolism/ LIVER, radiation effects/ *MICE,
radiation effects/ PLACENTA, drug effects/
*PLACENTA, metabolism/ PLACENTA,
radiation effects/ *PROTEINS, biosynthesis/
*RADIATION EFFECTS
4471. Tarakhovskii ML, Ferdman TD: Delaki aspekti zastosuvannia hormonal'nykh kontratseptyviv (ohlid literatury). Pediatr Akush Ginek 3:53-8, May-Jun 74 (Ukr)
CONTRACEPTIVE AGENTS, adverse effects/
CONTRACEPTIVE AGENTS,
pharmacodynamics/ *CONTRACEPTIVE
AGENTS, therapeutic use/ DRUG
COMBINATIONS/ ENDOCRINE GLANDS, drug
effects/ ESTROGENS, therapeutic use/
ETHYNYDIOL DIACETATE, therapeutic use/
FEMALE/ HUMAN/ LYNESTRENOL,
therapeutic use/ MEGESTROL,
therapeutic use/ METABOLISM, drug effects/
NORETHINDRONE, therapeutic use/
NORETHYNODREL, therapeutic use/
PROGESTATIONAL HORMONES, therapeutic
use/ *SEX HORMONES, therapeutic use/
TABLETS
4472. Tarasiewicz M: Oznaczanie pochodnych fenotiazyny. VI. Zastosowanie kompleksów rodankowych kobaltu do ekstrakcyjno-kolorymetrycznego oznaczania chloropromazyny, lewomepromazyny, promazyny i chloracyzyny. Acta Pol Pharm 31:201-5, 1974 (Pol)
*CHLOROPROMAZINE, analysis/ *COBALT/
COLORIMETRY/ DIMETHYLAMINES, analysis/
ENGLISH ABSTRACT/
*METHOTRIMEPAZINE, analysis/
*PHENOTHIAZINES, analysis/ *PROMAZINE,
analysis/ SOLUTIONS/ *THIOCYANATES
4473. Tarli P, Li CH: Human pituitary growth hormone: solubility in ammonium sulfate solutions. Arch Biochem Biophys 161:696-7, 2 Apr 74
AMMONIUM SULFATE/ COMPARATIVE
STUDY/ FEMALE/ HUMAN/ OSMOLAR
CONCENTRATION/ PITUITARY GLAND,
secretion/ PLACENTAL LACTOGEN/ SHEEP/
SOLUBILITY/ *SOMATOTROPIN, secretion/
SPECIES SPECIFICITY/
SPECTROPHOTOMETRY, ULTRAVIOLET
4474. Tartof KD: Unequal mitotic sister chromatid exchange as the mechanism of ribosomal RNA gene magnification. Proc Natl Acad Sci USA 71:1272-6, Apr 74
ANIMAL EXPERIMENTS/ *CHROMATIDS,
physiology/ CHROMOSOMES, analysis/
CROSSES, GENETIC/ DNA, analysis/ *DNA
REPLICATION/ DROSOPHILA
MELANOGASTER/ *GENES/ GENOTYPE/
MEIOSIS/ *MITOSIS/ MOSAICISM/
MUTATION/ PHENOTYPE/ RECOMBINATION,
GENETIC/ *RNA, RIBOSOMAL, biosynthesis/
SEX CHROMOSOMES, analysis
4475. Tasaka K, Oyama M: Proceedings: Electrophysiological studies on adenylyl cyclase-cyclic AMP system in the fat cell membrane. Jap J Pharmacol 24:Suppl:49, 1974
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ *ADENYL
CYCLASE, metabolism/ ADIPOSE TISSUE,
cytology/ *ADIPOSE TISSUE, metabolism/
CELL MEMBRANE, metabolism/ CELL
MEMBRANE, physiology/ IN VITRO/
MEMBRANE POTENTIALS

AUTHOR SECTION

4476. Tasaki I: Energy transduction in the nerve membrane and studies of excitation processes with extrinsic fluorescence probes.
Ann NY Acad Sci 227:247-67, 18 Feb 74
*ACTION POTENTIALS/ ANIMAL
EXPERIMENTS/ *AXONS, physiology/
BIOLOGICAL TRANSPORT/ CALCIUM,
metabolism/ CHLORIDES/ ELECTRON
TRANSPORT/ *ENERGY TRANSFER/
MATHEMATICS/ *MEMBRANE POTENTIALS/
MEMBRANES, physiology/ MODELS,
NEUROLOGIC/ POTASSIUM CHLORIDE,
metabolism/ QUANTUM THEORY/
SPECTROMETRY, FLUORESCENCE/
SPECTROPHOTOMETRY/
SPECTROPHOTOMETRY, ULTRAVIOLET/
SQUID/ TEMPERATURE/ TIME FACTORS
4477. Tasche V, Zumkley H, Intorp HW, et al: Hyperkalzämie und reversible Niereninsuffizienz bei generalisierter Sarkoidose. Med Welt 25:931-3, 24 May 74 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ FEMALE/ HUMAN/ HYPERCALCEMIA, drug therapy/ *HYPERCALCEMIA, etiology/
KIDNEY FAILURE, ACUTE, drug therapy/
*KIDNEY FAILURE, ACUTE, etiology/
*SARCOIDOSIS, complications/ SARCOIDOSIS, drug therapy
4478. Tashima CK, Palk YK, Sarma DP: Letter: Homing of lymphocytes. Lancet 1:994-5, 18 May 74
AGED/ AUTOPSY/ *BRAIN NEOPLASMS/
BRAIN NEOPLASMS, blood/ BRAIN
NEOPLASMS, pathology/ CASE REPORT/
HUMAN/ *HYPOTHALAMUS/
*LYMPHOCYTES/ MALE/ NEOPLASM
METASTASIS/ *SARCOMA, RETICULUM
CELL/ SARCOMA, RETICULUM CELL, blood/
*TESTICULAR NEOPLASMS/ TESTICULAR
NEOPLASMS, blood
4479. Tashjian AH Jr, Wolfe HJ, Voelkel EF: Human calcitonin. Immunologic assay, cytologic localization and studies on medullary thyroid carcinoma.
Am J Med 56:840-9, Jun 74
CALCITONIN, analysis/ CALCITONIN,
biosynthesis/ *CALCITONIN, blood/
*CARCINOMA, blood/ CARCINOMA, diagnosis/
CARCINOMA, metabolism/
CHROMATOGRAPHY, AFFINITY/
HISTOCYTOCHEMISTRY/ HISTOLOGICAL
TECHNICS/ PEROXIDASES/
RADIOIMMUNOASSAY/ THYROID GLAND,
analysis/ THYROID GLAND, cytology/
*THYROID NEOPLASMS, blood/ THYROID
NEOPLASMS, diagnosis/ THYROID
NEOPLASMS, metabolism
4480. Tasman W: The retina and optic nerve.
Arch Ophthalmol 92:71-88, Jul 74 (181 ref.)
ANIMAL EXPERIMENTS/ CHORIORETINITIS,
pathology/ CORTICOTROPIN, therapeutic use/
DIABETIC RETINOPATHY, pathology/
ELECTROCOAGULATION/
ELECTRORETINOGRAPHY/ FEMALE/
FLUORESCENCE ANGIOGRAPHY/ GLIOMA,
pathology/ HUMAN/ MALE/ *OPTIC NERVE/
OPTIC NERVE, anatomy & histology/ OPTIC
NERVE, pathology/ OPTIC NERVE,
physiology/ PERIPHERAL NERVE DISEASES,
drug therapy/ PERIPHERAL NERVE
DISEASES, pathology/ PERIPHERAL NERVE
NEOPLASMS, pathology/ RETINA, physiology/
RETINAL DEGENERATION, pathology/
RETINAL DETACHMENT, pathology/
RETINAL DETACHMENT, surgery/ RETINAL
DISEASES, pathology/ RETINAL VESSELS/
REVIEW
4481. Tateishi R, Taniguchi H, Wada A, et al: Argrophil cells and melanocytes in esophageal mucoosa.
Arch Pathol 98:87-9, Aug 74
CHROMAFFIN SYSTEM, cytology/
EPITHELIAL CELLS, analysis/ ESOPHAGUS,
analysis/ *ESOPHAGUS, cytology/ HUMAN/
JAPAN/ MELANIN, analysis/
MELANOCYTES/ MELANOCYTES, analysis/
MONGOLOID RACE/ MUCOUS MEMBRANE,
cytology/ SILVER/ STAINS AND STAINING
4482. Tatevossian A, Jenkins GN: Sucrose and the role of saccharates in enamel caries. Caries Res 8:317-30, 1974
BUFFERS/ *CALCIUM, metabolism/ CALCIUM
HYDROXIDE, metabolism/ CALCIUM
PHOSPHATES, metabolism/
CHROMATOGRAPHY, PAPER/
CHROMATOGRAPHY, THIN LAYER/
DENSITOMETRY/ DENTAL CARIES, etiology/
*DENTAL CARIES, metabolism/ *DENTAL
ENAMEL, drug effects/ DISACCHARIDES,
metabolism/ *GLYCOSIDES, metabolism/
HYDROGEN-ION CONCENTRATION/
MONOSACCHARIDES, metabolism/
OLIGOSACCHARIDES, metabolism/ *SUCROSE,
pharmacodynamics/ TOOTH, drug effects
4483. Taubner A: Arthropathien beim Morbus Boeck.
Verh Dtsch Ges Rheumatol 3:66-9, 1974 (Ger)
DIAGNOSIS, DIFFERENTIAL/ HUMAN/
INDOMETHACIN, therapeutic use/ JOINT
DISEASES, drug therapy/ *JOINT DISEASES,
etiology/ MALE/ PHENYLBUTAZONE,
therapeutic use/ PREDNISOLONE, therapeutic
use/ *SARCOIDOSIS, complications/
SARCOIDOSIS, diagnosis/ SARCOIDOSIS, drug
therapy/ TUBERCULOSIS, PULMONARY,
diagnosis
4484. Taylor A, Hess JJ, Maffly RH: On the effects of tricarboxylic acid cycle intermediates on sodium transport by the toad bladder.
J Membr Biol 15:319-29, 1974
*ACETATES, pharmacodynamics/
ALDOSTERONE, pharmacodynamics/ ANIMAL
EXPERIMENTS/ BIOLOGICAL TRANSPORT,
ACTIVE/ BLADDER, drug effects/
BLADDER, metabolism/ BUFO MARINUS/
DRUG SYNERGISM/ *FUMARATES,
pharmacodynamics/ HYDROGEN-ION
CONCENTRATION/ *KETOGLUTARIC ACID,
pharmacodynamics/ KINETICS/ *KREBS
CYCLE/ *SODIUM, metabolism/
SUCCINATES, pharmacodynamics/ TIME
FACTORS
4485. Taylor RG: Spinal cord injury: Its many complications.
Am Fam Physician 8:138-46, Oct 73
AUTONOMIC NERVOUS SYSTEM/ BLADDER,
NEUROGENIC, etiology/ BODY
TEMPERATURE REGULATION/
CONTRACTURE, etiology/ DECUBITUS
ULCER, etiology/ EDEMA, etiology/ FECES,
IMPACTED, etiology/ HUMAN/
HYPOTENSION, ORTHOSTATIC, etiology/
NERVOUS SYSTEM DISEASES, etiology/
OSTEOPOROSIS, etiology/ PARALYSIS,
etiology/ PARAPLEGIA, etiology/
RESPIRATORY TRACT DISEASES, etiology/
SPASM, etiology/ SPASM, therapy/ *SPINAL
CORD INJURIES, complications/ SPINAL
CORD INJURIES, mortality/ SPINAL CORD
INJURIES, physiopathology/
THROMBOPHLEBITIS, etiology
4486. Tchertkoff V, Salomon MI, Garrett R: Letter: Adrenal leukodystrophy. Arch Pathol 98:67-8, Jul 74
*ADRENAL GLANDS, pathology/ *CEREBRAL
SCLEROSIS, DIFFUSE, pathology/ HUMAN
4487. Tchobroutsky G, Lenormand ME, Michel G, et al: Lack of post prandial exercise-induced growth hormone secretion in normoglycemic insulin-treated diabetic men. Horm Metab Res 6:184-7, May 74
BLOOD SUGAR, analysis/ *DIABETES
MELLITUS, drug therapy/ DIABETES
MELLITUS, metabolism/ *EATING/
*EXERTION/ HUMAN/ INSULIN, blood/
INSULIN, pharmacodynamics/ *INSULIN,
therapeutic use/ MALE/ SOMATOTROPIN,
blood/ *SOMATOTROPIN, secretion
4488. Tecucianu JF: Les hyperplasies gingivales.
Rev Stomatol Chir Maxillofac 74:335-42, Jun 73 (Fre)
ENGLISH ABSTRACT/ FEMALE/ *GINGIVAL
HYPERPLASIA, etiology/ GINGIVAL
HYPERPLASIA, therapy/ HUMAN/ PUBERTY
4489. Teleszyński M, Okoniewski R, Jaszczenko S: Nerwiak Mortona.
Chir Narzadow Ruchu Ortop Pol 39:199-203, 1974 (Pol)

AUTHOR SECTION

- ADULT/ AGED/ ENGLISH ABSTRACT/
FEMALE/ *FOOT/ HUMAN/
HYDROCORTISONE, therapeutic use/ MALE/
MIDDLE AGE/ NEUROMA, drug therapy/
*NEUROMA, pathology/ NEUROMA, surgery/
PROCAINE, therapeutic use
4490. Telichko FF: Raspredelenie pogloshchennykh doz v organakh bol'nykh pri rentgenodagnostike. Med Radiol (Mosk) 18:36-44, Oct 73 (Rus)
BONE AND BONES, radiation effects/ BONE AND BONES, radiography/ BONE MARROW, radiation effects/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ ENGLISH ABSTRACT/ GASTROINTESTINAL SYSTEM, radiation effects/ GASTROINTESTINAL SYSTEM, radiography/ GENITALIA, radiation effects/ GENITALIA, radiography/ HUMAN/ PERITONEAL CAVITY, radiation effects/ *RADIATION DOSAGE/ *RADIOGRAPHY/ RADIUM, administration & dosage/ RADIUM, metabolism/ RESPIRATORY SYSTEM, radiation effects/ RESPIRATORY SYSTEM, radiography
4491. Tell GP, Cuatrecasas P: Beta-adrenergic receptors: stereospecificity and lack of affinity for catechols. Biochem Biophys Res Commun 57:793-800, 8 Apr 74
*ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, enzymology/ ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BINDING SITES/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ ERYTHROCYTES, cytology/ ERYTHROCYTES, enzymology/ FLUORIDES, pharmacodynamics/ *GLUCAGON, pharmacodynamics/ MICROSOMES, drug effects/ MICROSOMES, enzymology/ MICROSOMES, LIVER, enzymology/ MYOCARDIUM, cytology/ MYOCARDIUM, enzymology/ *NOREPINEPHRINE, pharmacodynamics/ PHOSPHORUS RADIOISOTOPES/ PROPANOLOL, pharmacodynamics/ PROTEIN BINDING/ RATS/ *RECEPTORS, ADRENERGIC/ STEREOISOMERS/ TURKEYS
4492. Temple SA: Plasma testosterone titers during the annual reproductive cycle of starlings (*Sturnus vulgaris*). Gen Comp Endocrinol 22:470-9, Apr 74
ANIMAL EXPERIMENTS/ *BIRDS, physiology/ *GENITALIA, MALE, anatomy & histology/ LEYDIG CELLS, cytology/ MALE/ ORGAN WEIGHT/ SEASONS/ SEMINAL VESICLES, anatomy & histology/ *SEX BEHAVIOR, ANIMAL/ *SPERMATOGENESIS/ TESTIS, anatomy & histology/ *TESTOSTERONE, blood
4493. Teppa-Szumowska E: Autoradiographic studies on the influence of ACTH and ovarian hormones on proliferation of epithelial cells of the mammary gland in white mice. Folia Morphol (Warsz) 33:37-44, 1974
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *CELL DIVISION, drug effects/ *CORTICOTROPIN, pharmacodynamics/ EPITHELIAL CELLS, drug effects/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *MAMMAE, cytology/ MAMMAE, drug effects/ *PROGESTERONE, pharmacodynamics
4494. Terajima Y: [Hormone producing ovarian tumor] Clin Endocrinol (Tokyo) 22:124-5, Jan 74 (Jap)
*ANDROGENS, secretion/ *ESTROGENS, secretion/ FEMALE/ HUMAN/ OVARIAN NEOPLASMS, physiopathology/ *OVARIAN NEOPLASMS, therapy
4495. Teraki Y, Miyasaka M, Tsunoo S: Proceedings: The mechanism of action of prostaglandins on contraction of the uterus. Jap J Pharmacol 24:Suppl:30, 1974
ANIMAL EXPERIMENTS/ ELECTROLYTES, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEMALE/ MUSCLE, SMOOTH, drug effects/ *PROSTAGLANDINS, pharmacodynamics/ *UTERUS, drug effects
4496. Terao T, Owen CA Jr: Copper in supernatant fractions of various rat tissues. Studies with ⁶⁷Cu. Mayo Clin Proc 49:376-81, Jun 74
- ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ *COPPER, analysis/ COPPER, blood/ COPPER, metabolism/ ERYTHROCYTES, analysis/ GEL FILTRATION/ INTESTINE, LARGE, analysis/ INTESTINE, SMALL, analysis/ KIDNEY, analysis/ LUNG, analysis/ MALE/ MUSCLES, analysis/ MYOCARDIUM, analysis/ PHENYLENEDIAMINES/ PROTEIN BINDING/ RADIOISOTOPES/ SPLEEN, analysis/ STOMACH, analysis/ SUPEROXIDE DISMUTASE, analysis/ SUPEROXIDE DISMUTASE, metabolism/ TESTIS, analysis
4497. Terenius L: Affinities of progesterone and estrogen receptors in rabbit uterus for synthetic progestogens. Steroids 23:909-19, Jun 74
ALKYNES, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CHLORMADINONE, metabolism/ CYPROTERONE, metabolism/ CYTOSOL, metabolism/ ESTRADIOL, metabolism/ *ESTROGENS, metabolism/ ETHYNODIOL DIACETATE, metabolism/ FEMALE/ HYDROXYPROGESTERONE, metabolism/ KETOSTEROIDS, metabolism/ MEDROXYPROGESTERONE, metabolism/ MEGESTROL, metabolism/ NORETHYNODREL, metabolism/ NORGESTREL, metabolism/ PREGNADIENES, metabolism/ PREGNENES, metabolism/ *PREGESTATIONAL HORMONES, metabolism/ PROGESTERONE, metabolism/ *RECEPTORS, HORMONE/ STEROIDS, CHLORINATED, metabolism/ STEROIDS, FLUORINATED, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRITIUM/ *UTERUS, metabolism
4498. Terenzi HF, Flawiá MM, Torres HN: A *Neurospora crassa* morphological mutant showing reduced adenylate cyclase activity. Biochem Biophys Res Commun 58:990-6, 18 Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ *ADENYL CYCLASE, metabolism/ ALLELES/ BUTYRATES, pharmacodynamics/ CHROMOSOME MAPPING/ COMPARATIVE STUDY/ CROSSES, GENETIC/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ GENOTYPE/ *MUTATION/ *NEUROSPORA, enzymology/ NEUROSPORA CRASSA, drug effects/ NEUROSPORA CRASSA, enzymology/ PHENOTYPE/ SPECIES SPECIFICITY
4499. Terqui M, Dray F, Cotta J: Variations de la concentration de l'oestradiol 17 beta dans le sang ériphérique de la brebis au cours du cycle oestral. C R Acad Sci [D] (Paris) 277:1795-8, 29 Oct 73 (Fre)
ANIMAL EXPERIMENTS/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY COMPLEX/ *ESTRADIOL, blood/ *ESTRUS/ FEMALE/ IMMUNE SERUMS/ METHODS/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SHEEP/ TIME FACTORS
4500. Terragno NA, Terragno DA, Facholczyk D, et al: Prostaglandins and the regulation of uterine blood flow in pregnancy. Nature 249:57-8, 3 May 74
ANGIOTENSIN II, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD PRESSURE, drug effects/ BRADYKININ, pharmacodynamics/ CHROMATOGRAPHY, THIN LAYER/ DOGS/ FEMALE/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROSTAGLANDINS, blood/ *PROSTAGLANDINS, physiology/ REGIONAL BLOOD FLOW, drug effects/ *UTERUS, blood supply/ UTERUS, drug effects
4501. Teshima Y, Yamazaki R, Kariuchi S: Effects of ATP on the activity of nucleoside 3',5'-cyclic monophosphate phosphodiesterase from brain. J Neurochem 22:789-91, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADENOSINE MONOPHOSPHATE/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, enzymology/

AUTHOR SECTION

- CALCIUM, pharmacodynamics/
CHROMATOGRAPHY, THIN LAYER/
KINETICS/ MAGNESIUM, pharmacodynamics/
MALE/ *PHOSPHODIESTERASES, antagonists
& inhibitors/ TRITIUM
4502. Tetteh GK: Isotope studies on the uptake and release of ions by dental enamel. *Caries Res* 8:224-33, 1974
*CALCIUM, metabolism/ CALCIUM RADIOISOTOPES/ *DENTAL ENAMEL, metabolism/ GHANA/ HUMAN/ ION EXCHANGE/ *PHOSPHORUS, metabolism/ PHOSPHORUS RADIOISOTOPES/ *SODIUM, metabolism/ SODIUM ISOTOPES/ *STRONTIUM, metabolism/ STRONTIUM RADIOISOTOPES
4503. Therman E, Sarto GE, Patau K: Center for Barr body condensation on the proximal part of the human Xq: a hypothesis. *Chromosoma* 44:361-6, 29 Jan 74
FEMALE/ HUMAN/ KARYOTYPING/ *SEX CHROMATIN/ *SEX CHROMOSOME ABNORMALITIES, familial & genetic/ STAINS AND STAINING
4504. Thibault C, Levasseur MC: Conservation et survie prolongée des spermatozoïdes dans les voies génitales femelles des vertébrés.
Ann Biol Anim Biochim Biophys 13:267-84, 1973 (Fre)
ANIMAL EXPERIMENTS/ BIRDS/ CELL SURVIVAL/ CERVIX UTERI, physiology/ CHICKENS/ DOGS/ DUCKS/ ENGLISH ABSTRACT/ FEMALE/ FISHES/ GEESSE/ *GENITALIA, FEMALE, physiology/ HORMONES, physiology/ MAMMALS/ MICE/ MONKEYS/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH, physiology/ QUAIL/ RABBITS/ REPTILES/ SHEEP/ *SPERMATOOZOA, physiology/ TIME FACTORS/ TURKEYS/ UTERUS, physiology
4505. Thiel HJ, Parwaresch MR, Hartmann G: Die Anwendung des Polyacrylamidmolekularsiebes zur Erfassung der Degradationsprodukte der Glykosaminoglykane am Beispiel einer formalin-induzierten Keratitis.
Albrecht von Graefes Arch Klin Ophthalmol 190:133-43, 4 Apr 74 (Ger)
AMINO ACIDS, analysis/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ DEXAMETHASONE, therapeutic use/ *ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ FORMALDEHYDE/ KERATITIS, chemically induced/ KERATITIS, drug therapy/ *KERATITIS, metabolism/ *MUCOPOLYSACCHARIDES, metabolism/ TIME FACTORS
4506. Thiele J, Wermbter G: Die Feinstruktur der aktivierten Hauptzelle der menschlichen Parathyreoidea. Eine Darstellung mit Hilfe der Gefrierätztechnik.
Virchows Arch [Zellpathol] 15:251-65, 3 May 74 (Ger)
CELL MEMBRANE/ CYTOPLASMIC GRANULES/ ENGLISH ABSTRACT/ FREEZE DRYING/ HUMAN/ HYPERPARATHYROIDISM, pathology/ MALE/ MICROTOMY/ *PARATHYROID GLANDS, pathology/ PARATHYROID GLANDS, secretion/ PARATHYROID GLANDS, surgery
4507. Thjodleifsson B, Wormsley KG: Gastric response to metiamide. *Br Med J* 2:304-6, 11 May 74
ATROPINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ DUODENAL ULCER, drug therapy/ DUODENUM/ *GASTRIC JUICE, secretion/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, SUBCUTANEOUS/ PENTAGASTRIN, pharmacodynamics/ *PEPSIN, secretion/ PERFUSION/ SECRETORY RATE, drug effects/ STOMACH ULCER, drug therapy/ *THIOUREA, pharmacodynamics/ THIOUREA, therapeutic use
4508. Thomas DR, Philpott GW, Jaffe BM: Prostaglandin E (PGE) control of cell proliferation in vitro: characteristics of HT-29. *J Surg Res* 16:463-5, May 74
*ADENOCARCINOMA, metabolism/ ADENOCARCINOMA, pathology/ CARCINOMA, EPIDERMOID/ CELL COUNT/ *CELL DIVISION, drug effects/ CELL LINE/ CULTURE MEDIA/ DEPRESSION, CHEMICAL/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ HELA CELLS/ HUMAN/ INDOMETHACIN, pharmacodynamics/ L CELLS/ LARYNGEAL NEOPLASMS/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, pharmacodynamics/ STIMULATION, CHEMICAL
4509. Thomas RD, Croft DN: Thyrotoxicosis and giant-cell arteritis. *Br Med J* 2:408-9, 25 May 74
AUTOIMMUNE DISEASES, diagnosis/ BIOPSY/ FEMALE/ HEMATOCRIT/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, diagnosis/ HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, physiopathology/ *HYPOTHYROIDISM, etiology/ HYPOTHYROIDISM, immunology/ IODINE RADIOISOTOPES/ PREDNISONE, therapeutic use/ RETROSPECTIVE STUDIES/ *TEMPORAL ARTERITIS, complications/ TEMPORAL ARTERITIS, diagnosis/ TEMPORAL ARTERITIS, drug therapy/ *TEMPORAL ARTERITIS, etiology/ TEMPORAL ARTERITIS, immunology/ TEMPORAL ARTERITIS, pathology/ TEMPORAL ARTERITIS, physiopathology/ THYROID HORMONES, blood
4510. Thomas SJ, Wilson DW, Pierrepont CG: Proceedings: Prolactin secretion by sheep foetal pituitaries maintained in organ culture.
N Engl J Med 291:68, 11 Jun 74
*FETUS, metabolism/ GESTATIONAL AGE/ ORGAN CULTURE/ *PITUITARY GLAND, secretion/ *PROLACTIN, secretion/ SHEEP
4511. Thomlinson RH: Proceedings: The regression of tumours. *Br J Radiol* 47:365-6, Jun 74
ANIMAL EXPERIMENTS/ AUTOLYSIS/ CELL DIFFERENTIATION, radiation effects/ GROWTH, radiation effects/ HUMAN/ *NEOPLASMS, radiotherapy/ REGRESSION/ THYROID NEOPLASMS, radiotherapy/ TIME FACTORS
4512. Thommes RC, Pall JS: Effects of "hypophysectomy" by surgical decapitation on histochemically demonstrable peroxidase activity in the thyroid gland of the developing chick embryo.
Gen Comp Endocrinol 23:52-7, May 74
ANIMAL EXPERIMENTS/ *CHICK EMBRYO, growth & development/ HISTOCYTOCHEMISTRY/ HYPOPHYSECTOMY/ *PEROXIDASES, metabolism/ *PITUITARY-ADRENAL SYSTEM/ *PITUITARY GLAND, physiology/ *THYROID GLAND, enzymology/ THYROTROPIN, pharmacodynamics/ TIME FACTORS
4513. Thomopoulos P, Dastugue B, Defer N: In vitro triiodothyronine binding to non-histone proteins from rat liver nuclei.
Biochem Biophys Res Commun 58:499-506, 20 May 74
ANIMAL EXPERIMENTS/ BINDING SITES/ CELL NUCLEUS, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ ETHYLMALIMIDE, pharmacodynamics/ HALF-LIFE/ HYDROXYMERCURIBENZOATES, pharmacodynamics/ IODINE RADIOISOTOPES/ KINETICS/ LIVER, cytology/ LIVER, metabolism/ MALE/ MERCAPTOETHANOL, metabolism/ *NUCLEOPROTEINS, metabolism/ PROTEIN BINDING/ *RECEPTORS, HORMONE/ TEMPERATURE/ TIME FACTORS/ *TRIODOETHYRONINE, metabolism
4514. Thompson ED, Parks LW: The effect of altered sterol composition on cytochrome oxidase and S-adenosylmethionine: delta 24 sterol methyltransferase enzymes of yeast mitochondria.
Biochem Biophys Res Commun 57:1207-13, 23 Apr 74
CARBON RADIOISOTOPES/ COMPARATIVE STUDY/ *CYTOCHROME OXIDASE, metabolism/ DRUG RESISTANCE, MICROBIAL/ ERGOSTEROL, metabolism/ HAPLOIDY/ KINETICS/

AUTHOR SECTION

- *METHYLTRANSFERASES, metabolism/
MITOCHONDRIA, drug effects/
*MITOCHONDRIA, enzymology/ MUTATION/
NYSTATIN, pharmacodynamics/ OLEIC ACID,
metabolism/ PALMITIC ACID, metabolism/
SACCHAROMYCES CEREVISIAE, cytology/
SACCHAROMYCES CEREVISIAE, drug effects/
*SACCHAROMYCES CEREVISIAE, enzymology/
SPECIES SPECIFICITY/
SPECTROPHOTOMETRY/ STEROLS/
*STEROLS, metabolism/ TEMPERATURE
4515. Thompson IE: The IUD and prostaglandins: a review of the evidence.
Obstet Gynecol 42:617-20, Oct 73 (43 ref.)
CORPUS LUTEUM, physiology/
ENDOMETRIUM, metabolism/ ENDOMETRIUM,
secretion/ ESTRUS/ FEMALE/ HUMAN/
*INTRAUTERINE DEVICES/ PRIMATES/
PROSTAGLANDINS, biosynthesis/
PROSTAGLANDINS, physiology/
*PROSTAGLANDINS, secretion/ REVIEW/
SHEEP/ UTERUS, blood supply/ *UTERUS,
secretion/ VEINS
4516. Thompson JB, Greenberg E, Pazianos A, et al:
Hypophysectomy in metastatic prostate cancer.
NY State J Med 74:1006-8, Jun 74
BONE NEOPLASMS, radiotherapy/
ESTROGENS, therapeutic use/ HUMAN/
*HYPOPHYSECTOMY/ MALE/ NEOPLASM
METASTASIS/ PAIN, drug therapy/ PAIN,
surgery/ POSTOPERATIVE COMPLICATIONS/
PROSTATIC NEOPLASMS, drug therapy/
*PROSTATIC NEOPLASMS, therapy
4517. Thompson JS, Urist MR: Effects of cortisone on bone metabolism in intact and thyroidectomized rabbits.
Calcif Tissue Res 13:197-215, 23 Oct 73
ANIMAL EXPERIMENTS/ BODY WEIGHT,
drug effects/ BONE AND BONES, cytology/
BONE AND BONES, drug effects/ *BONE
AND BONES, metabolism/ BONE AND
BONES, radiography/ BONE RESORPTION,
drug effects/ CALCITONIN, physiology/
CALCIUM, blood/ CALCIUM, metabolism/
COLLAGEN, metabolism/ *CORTISONE,
pharmacodynamics/ HEXOSAMINES,
metabolism/ HYDROXYPROLINE, metabolism/
MALE/ PHOSPHORUS, blood/ *THYROID
GLAND, physiology/ THYROIDECTOMY/
THYROXINE, pharmacodynamics
4518. Thompson RK, Webster DM: Delayed extinction and drive level effects: septal self-stimulation compared with natural reward. Physiol Behav 12:907-12, Jun 74
ANIMAL EXPERIMENTS/ COMPARATIVE
STUDY/ CONDITIONING, OPERANT/
DRINKING BEHAVIOR/ *DRIVE/ ELECTRIC
STIMULATION/ ELECTRODES, IMPLANTED/
*EXTINCTION (PSYCHOLOGY)/
HYPOTHALAMUS, physiology/ MALE/
MODELS, PSYCHOLOGICAL/ *REWARD/
*SELF STIMULATION/ *SEPTUM
PELLUCIDUM, physiology/ STEREOTAXIC
TECHNICS/ SUCROSE/ WATER
DEPRIVATION
4519. Thomson JA, McCrossan J, Mason DK: Salivary gland enlargement in acromegaly.
Clin Endocrinol (Oxf) 3:1-4, Jan 74
*ACROMEGALY, metabolism/ ACROMEGALY,
physiopathology/ ACROMEGALY, radiotherapy/
FEMALE/ HUMAN/ HYPOPHYSECTOMY/
MALE/ *PAROTID GLAND, metabolism/
PAROTID GLAND, physiopathology/
PITUITARY GLAND, physiology/ PROTEINS,
metabolism/ *SALIVA, metabolism/
SIALOGRAPHY/ SOMATOTROPIN, blood/
*SUBMANDIBULAR GLAND, metabolism/
SUBMANDIBULAR GLAND, physiopathology/
TECHNETIUM
4520. Thomson JA, McCrossan J, Mason DK: Salivary gland enlargement in acromegaly.
Clin Endocrinol (Oxf) 3:1-4, Jan 74
*ACROMEGALY, complications/ CHLORIDES,
analysis/ FEMALE/ HUMAN/ HYPERTROPHY,
etiology/ MALE/ PAROTID GLAND,
physiopathology/ POTASSIUM, analysis/
PROTEINS, analysis/ RADIOISOTOPE
SCANNING/ SALIVA, analysis/ *SALIVARY
GLAND DISEASES, etiology/ SALIVARY
GLAND DISEASES, metabolism/ SALIVARY
GLAND DISEASES, physiopathology/
SIALOGRAPHY/ SODIUM, analysis/
SUBMANDIBULAR GLAND, physiopathology
4521. Thomson JF, Nance SL, Tollaksen SL: Preparation of peroxisomes from mouse liver by rate-zonal centrifugation.
Proc Soc Exp Biol Med 145:1174-7, Apr 74
ANIMAL EXPERIMENTS/ CATALASE,
analysis/ *CELL FRACTIONATION/
*CENTRIFUGATION, ZONAL/ *LIVER,
cytology/ LIVER, enzymology/ METHODS/
MICE/ MICROBODIES, MICROBODIES,
enzymology/ *ORGANOIDS/ PREDNISOLONE,
pharmacodynamics/ SUBCELLULAR
FRACTIONS, drug effects/ SUBCELLULAR
FRACTIONS, enzymology/ SURFACE-ACTIVE
AGENTS, pharmacodynamics/ URATE
OXIDASE, analysis
4522. Thomson WH, Sweetin JC, Elton RA: The neurogenic and myogenic hypotheses in human (Duchenne) muscular dystrophy. Nature 249:151-2, 10 May 74
ADOLESCENCE/ ADULT/ AGE FACTORS/
AGED/ CHILD/ CHILD, PRESCHOOL/
CREATINE KINASE, blood/ FEMALE/
GENOTYPE/ HUMAN/ LINKAGE
(GENETICS)/ MALE/ MIDDLE AGE/ *MOTOR
NEURONS/ MUSCLES, innervation/
MUSCULAR DYSTROPHY, enzymology/
*MUSCULAR DYSTROPHY, familial & genetic/
*SEX CHROMOSOMES/ SEX FACTORS
4523. Thorn W, Kaufmann P, Müldener B:
Kohlenhydratumsatz, Energiedefizit und
Plasmapolyphenbildung in der Placenta nach
Vergiftung mit Monojodacetat und Na.
Arch Gynaekol 216:175-83, 12 Mar 74 (Ger)
ANIMAL EXPERIMENTS/ *CARBOHYDRATES,
metabolism/ CARBOXY-LYASES, metabolism/
*DISEASE MODELS, ANIMAL/ ECLAMPSIA,
drug therapy/ ENERGY METABOLISM/
ENGLISH ABSTRACT/ FEMALE/ *FLUORIDE
POISONING, metabolism/ GUINEA PIGS/
HUMAN/ *IODOACETATES, poisoning/
PLACENTA, blood supply/ *PLACENTA,
metabolism/ *PLACENTA DISORDERS,
chemically induced/ POISONING, metabolism/
*POLYPS, chemically induced/ PREGNANCY/
PREGNANCY TOXEMIAS, drug therapy/
PYRUVATES, metabolism/ PYRUVATES,
therapeutic use/ REGIONAL BLOOD FLOW/
SODIUM
4524. Thorner MD, Besser GM, Hagen C, et al: Proceedings: Introduction of a new stimulation test for prolactin: the sulpiride test; a comparison with other dynamic function tests. N Engl J Med 291:1xxxii, 11 Jun 74
COMPARATIVE STUDY/ FEMALE/ HUMAN/
LACTATION DISORDERS, blood/ MALE/
*PITUITARY GLAND FUNCTION TESTS/
*PROLACTIN, blood/ *SULPIRIDE, diagnostic
use/ THYROTROPIN, blood
4525. Thorner MO, McNelly AS, Hagan C, et al: Long-term treatment of galactorrhea and hypogonadism with bromocriptine. Br Med J 2:419-22, 25 May 74
BROMINE, administration & dosage/
BROMINE, adverse effects/ BROMINE,
therapeutic use/ CLOMIPHENE/ DYSPEPSIA,
administration & dosage/ ERGOT ALKALOIDS,
adverse effects/ *ERGOT ALKALOIDS,
therapeutic use/ FEMALE/ FSH, antagonists
& inhibitors/ FSH, blood/ HUMAN/
HYPOGONADISM, blood/ HYPOGONADISM,
complications/ *HYPOGONADISM, drug
therapy/ LACTATION DISORDERS, blood/
LACTATION DISORDERS, complications/
*LACTATION DISORDERS, drug therapy/ LH,
antagonists & inhibitors/ LH, blood/ LH-FSH
RELEASING HORMONE/ MALE/ NAUSEA,
chemically induced/ PITUITARY GLAND,
radiography/ PROLACTIN, antagonists &
inhibitors/ PROLACTIN, blood/ TIME
FACTORS

AUTHOR SECTION

4526. **Thorngren KG, Hansson LI:** Bioassay of growth hormone and prolactin preparations by determination of longitudinal bone growth with tetracycline. *Acta Endocrinol (Kbh)* 76:35-52, May 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BODY WEIGHT/ *BONE DEVELOPMENT, drug effects/ CATTLE/ COMPARATIVE STUDY/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HUMAN/ HYPOPHYSECTOMY/ MICROSCOPY, FLUORESCENCE/ *OXYTETRACYCLINE, diagnostic use/ PITUITARY GLAND, physiology/ PROLACTIN, administration & dosage/ *PROLACTIN, pharmacodynamics/ RATS/ SHEEP/ SOMATOTROPIN, administration & dosage/ *SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL/ SWINE/ THYROXINE, administration & dosage/ THYROXINE, pharmacodynamics/ TIBIA, drug effects/ TIME FACTORS
4527. **Thorngren KG, Hansson LI:** Effect of withdrawal of growth hormone administration on longitudinal bone growth in the hypophysectomized rat. *Acta Endocrinol (Kbh)* 75:11-23, Jan 74
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *BONE DEVELOPMENT, drug effects/ CARTILAGE, drug effects/ CARTILAGE, growth & development/ CATTLE/ CELL DIVISION, drug effects/ *DRUG WITHDRAWAL SYMPTOMS/ FEMALE/ HEART, anatomy & histology/ HEART, drug effects/ *HYPOPHYSECTOMY/ ORGAN WEIGHT/ PITUITARY GLAND, physiology/ RATS/ *SOMATOTROPIN, pharmacodynamics/ TIBIA, drug effects/ *TIBIA, growth & development/ TIME FACTORS
4528. **Thornton VF:** Proceedings: The characteristics of melanocyte-stimulating hormone release from incubated hemi-pituitaries of the lizard, *Anolis carolinensis*. *N Engl J Med* 291:ixix, 11 Jun 74
ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ IMIDAZOLES, pharmacodynamics/ IN VITRO/ *LIZARDS, metabolism/ *MSH, secretion/ *PITUITARY GLAND, secretion/ POTASSIUM, pharmacodynamics/ SECRETORY RATE, drug effects/ THEOPHYLLINE, pharmacodynamics
4529. **Thorpe CW, Bond JS, Collins JM:** Early events in lens regeneration: changes in cyclic AMP concentrations during initiation of RNA and DNA synthesis. *Biochim Biophys Acta* 340:413-8, 10 Apr 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ CREATINE KINASE, metabolism/ *DNA, biosynthesis/ EYE PROTEINS, biosynthesis/ GLUTAMINE SYNTHETASE, metabolism/ ISOCITRATE DEHYDROGENASE, metabolism/ KINETICS/ LENS, CRYSTALLINE, enzymology/ *LENS, CRYSTALLINE, physiology/ LEUCINE/ *REGENERATION/ *RNA, biosynthesis/ THYMIDINE/ TIME FACTORS/ *TRANSCRIPTION, GENETIC/ TRANSLATION, GENETIC/ TRITIUM/ TRITURUS/ TYROSINE AMINOTRANSFERASE, metabolism/ ULTRACENTRIFUGATION
4530. **Thrush DC, Barwick DD:** Three patients with intracranial tuberculomas with unusual features. *J Neurol Neurosurg Psychiatry* 37:566-9, May 74
AMINOSALICYLIC ACID, therapeutic use/ BRAIN DISEASES, drug therapy/ *BRAIN DISEASES, etiology/ BRAIN DISEASES, surgery/ DEXAMETHASONE, therapeutic use/ DIABETIC COMA, etiology/ ELECTROENCEPHALOGRAPHY/ EMIGRATION AND IMMIGRATION/ ETHAMBUTOL, therapeutic use/ FEMALE/ GREAT BRITAIN/ HEADACHE, etiology/ HUMAN/ HYDROCEPHALUS, etiology/ INDIA/ ISONIAZID, therapeutic use/ MALE/ PAPILLEDEMA, etiology/ PYRAZINAMIDE, therapeutic use/ RADIOISOTOPE SCANNING/ RIFAMPIN, therapeutic use/ STREPTOMYCIN, therapeutic use/ TECHNETIUM/ *TUBERCULOMA, complications/ TUBERCULOMA, drug therapy/ TUBERCULOMA, surgery
4531. **Thune PO:** Bivirkninger ved lokal applikasjon av kortikosteroider. *Tidsskr Nor Laegeforen* 94:1202-3, 30 Jun 74 (Nor)
ADMINISTRATION, TOPICAL/ *ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ ATROPHY/ DERMATITIS MEDICAMENTOSA/ DRUG HYPERSENSITIVITY/ ECCHYMOSIS, chemically induced/ HUMAN/ OINTMENTS/ PURPURA, chemically induced/ SKIN DISEASES, drug therapy/ TELANGIECTASIS, chemically induced
4532. **Thuot C, Gariépy G, Monté M, et al:** Présentation inhabituelle d'une maladie de Hodgkin: envahissement massif du sang par des cellules anormales. *Union Med Can* 103:1675-8, Aug 73 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ BIOPSY, NEEDLE/ BONE MARROW, pathology/ CASE REPORT/ CYTOPLASM/ ENGLISH ABSTRACT/ EOSINOPHILS/ ERYTHROCYTES/ GAMMA GLOBULIN, analysis/ HEPATOMEGALY, etiology/ *HODGKIN'S DISEASE, blood/ HODGKIN'S DISEASE, diagnosis/ HODGKIN'S DISEASE, drug therapy/ HODGKIN'S DISEASE, immunology/ HUMAN/ IGG, analysis/ IGM, analysis/ LYMPH NODES, pathology/ MALE/ PLASMA CELLS/ RETICULOCYTES/ SPLENOMEGALY, etiology
4533. **Thurau K:** Aspekte zur Pathophysiologie der Hypertonie. *Munch Med Wochenschr* 116:595-602, 22 Mar 74 (Ger)
ADAPTATION, PHYSIOLOGICAL/ ANGIOTENSIN, metabolism/ ANGIOTENSIN II, metabolism/ ANIMAL EXPERIMENTS/ CARDIAC VOLUME/ ENGLISH ABSTRACT/ HEART RATE/ HYPERTENSION, etiology/ HYPERTENSION, metabolism/ *HYPERTENSION, physiopathology/ HYPERTENSION, RENAL, physiopathology/ MALE/ PSYCHOSOCIAL DEPRIVATION/ RATS/ RENIN, metabolism/ SODIUM, metabolism/ VASCULAR RESISTANCE
4534. **Thygeson P, Okumoto M:** Keratomycosis: a preventable disease. *Trans Am Acad Ophthalmol Otolaryngol* 78:op433-9, May-Jun 74
ADRENAL CORTEX HORMONES, adverse effects/ ASPERGILLOSIS, complications/ ASPERGILLUS, isolation & purification/ CANDIDA, isolation & purification/ CORNEA, pathology/ FEMALE/ HUMAN/ KERATITIS, etiology/ *KERATITIS, microbiology/ KERATITIS, occurrence/ KERATITIS, pathology/ KERATITIS, prevention & control/ MALE/ MONILIASIS, complications/ *MYCOSES, microbiology/ MYCOSES, pathology
4535. **Tice LW, Wollman SH:** Ultrastructural localization of peroxidase on pseudopods and other structures of the typical thyroid epithelial cell. *Endocrinology* 94:1555-67, Jun 74
ANIMAL EXPERIMENTS/ CELL MEMBRANE, enzymology/ HISTOCYTOCHEMISTRY/ HYPOPHYSECTOMY/ MALE/ MICROBODIES/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ *PEROXIDASES, analysis/ RATS/ THYROID GLAND, cytology/ THYROID GLAND, drug effects/ *THYROID GLAND, enzymology/ THYROTROPIN, pharmacodynamics
4536. **Tiefenbach A, Nutrisio V, Kos V, et al:** Albers-Schönbergova bolest (osteopetrosis). *Rad Med Fak Zagreb* 20:77-89, 1972 (Cro)
DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ EXOSTOSES, diagnosis/ FEMALE/ HUMAN/ MUSCULAR DYSTROPHY, diagnosis/ *OSTEOPETROSIS, diagnosis/

AUTHOR SECTION

- OSTEOPETROSIS, familial & genetic/
OSTEOSCLEROSIS, diagnosis/ SYNDROME
4537. Tiepolo L, Diaz G, Laudani U: Differential DNA synthesis in homologous regions of hybrid polytenic chromosomes (Anopheles atroparvus x A. labbranchiae). Chromosoma 45:81-9, 1 Mar 74
- ANIMAL EXPERIMENTS/ *ANOPHELES/
AUTORADIOGRAPHY/ *CHROMOSOMES/
*DNA, biosynthesis/ DNA REPLICATION/
*HYBRIDIZATION/ KARYOTYPING/ LARVA/
SALIVARY GLANDS, cytology/ SEX
CHROMOSOMES/ STAINS AND STAINING/
THYMIDINE/ TRITIUM
4538. Tietze HU, Schmid RD: Behandlung des hypophysären Minderwuchses mit einem STH-Handelspräparat. Klin Paediatr 186:84-7, Jan 74 (Ger)
- BIRTH INJURIES, complications/ BODY
HEIGHT, drug effects/ BRAIN NEOPLASMS,
complications/ CLINICAL RESEARCH/
CRANIOPHARYNGIOMA, complications/
*DWARFISM, PITUITARY, drug therapy/
DWARFISM, PITUITARY, etiology/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/
HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
injuries/ MALE/ SOMATOTROPIN,
administration & dosage/ SOMATOTROPIN,
pharmacodynamics/ *SOMATOTROPIN,
therapeutic use
4539. Tijoe SA, Manian AA, O'Neill JJ: Effects of hydroxylated phenothiazine metabolites on rat brain mitochondria. Adv Biochem Psychopharmacol 9:603-16, 1974
- ADENOSINE DIPHOSPHATE,
pharmacodynamics/ ADENOSINE
MONOPHOSPHATE, pharmacodynamics/
ADENOSINE TRIPHOSPHATE, biosynthesis/
ANIMAL EXPERIMENTS/ *BRAIN, cytology/
CALCIUM, metabolism/ CALCIUM
RADIOISOTOPES/ CHLORPROMAZINE,
pharmacodynamics/ COMPARATIVE STUDY/
DINITROPHENOLS, pharmacodynamics/
DITHIOTHREITOL, pharmacodynamics/
GLUTAMATES, metabolism/
HYDROXYLATION/ IN VITRO/ MICROSCOPY,
ELECTRON/ *MITOCHONDRIA, drug effects/
MITOCHONDRIA, metabolism/ OXIDATIVE
PHOSPHORYLATION, drug effects/ OXYGEN
CONSUMPTION, drug effects/
PERPHENAZINE, pharmacodynamics/
*PHENOTHIAZINES, pharmacodynamics/
PROCHLORPERAZINE, pharmacodynamics/
PROMAZINE/ TIME FACTORS
4540. Tikhonov VKh, Valeeva RM, Mezentshev AN: Deistvie atsetilkolnina, ouabaina i serotoninina na vkluchenie aminokislot v belki srezov mozga krysy pri razlichnoy kontsentratsii KCl v srede. Ukr Biokhim Zh 45:271-4, May-Jun 73 (Rus)
- *ACETYLCHOLINE, pharmacodynamics/
*AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ BRAIN, drug effects/
*BRAIN, metabolism/ CARBON
RADIOISOTOPES/ ENGLISH ABSTRACT/ IN
VITRO/ MALE/ NEOSTIGMINE,
pharmacodynamics/ *OUABAIN,
pharmacodynamics/ *POTASSIUM CHLORIDE,
pharmacodynamics/ RATS/ *SEROTONIN,
pharmacodynamics/ SODIUM CHLORIDE,
pharmacodynamics/ TYROSINE, metabolism/
VALINE, metabolism
4541. Tilghman SM, Hanson RW, Reshef L, et al: Rapid loss of translatable messenger RNA of phosphoenolpyruvate carboxykinase during glucose repression in liver. Proc Natl Acad Sci USA 71:1304-8, Apr 74
- ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
pharmacodynamics/ ALLOXAN DIABETES/
ANIMAL EXPERIMENTS/ CYTOSOL/
DACTINOMYCIN, pharmacodynamics/
DEOXYADENOSINE, pharmacodynamics/
ENZYME REPRESSION/ ENZYME
REPRESSION, drug effects/ FASTING/
FEEDING BEHAVIOR/ *GLUCOSE,
pharmacodynamics/ HALF-LIFE/ INSULIN,
pharmacodynamics/ *LIVER, enzymology/
MALE/ *PHOSPHOENOLPYRUVATE
CARBOXYKINASE, biosynthesis/ PRECIPITIN
- TESTS/ RATS/ *RNA, MESSENGER,
biosynthesis/ RNA, MESSENGER, metabolism/
TRANSCRIPTION, GENETIC, drug effects/
*TRANSLATION, GENETIC
4542. Timakova ES: Prezhdevremennoe polovoe razvitiye u devochek. Pediatrila 3:67-9, Mar 74 (Rus)
- CHILD/ ENGLISH ABSTRACT/ FEMALE/
MALE/ *OVARIAN NEOPLASMS,
complications/ *PUBERTY, PRECOCIOUS,
diagnosis/ PUBERTY, PRECOCIOUS, etiology
4543. (Tindall WJ): In memoriam W.J. Tindall, M.D. Br Med J 2:337, 11 May 74
- CURRENT BIOG-OBIT/ ENDOCRINOLOGY,
history/ ENGLAND/ HISTORICAL ARTICLE/
HISTORY OF MEDICINE, 20TH CENT.
4544. Tishchenko VG: Epikondilit plecha u shakhterov. Ortop Travmatol Protez 34:24-7, 1974 (Rus)
- BONE DISEASES, drug therapy/ *COAL
MINING/ ENGLISH ABSTRACT/ FEMALE/
HUMAN/ *HUMERUS/ HYDROCORTISONE,
therapeutic use/ INDUSTRIAL MEDICINE/
*JOINT DISEASES, therapy/ MALE/
*OCCUPATIONAL DISEASES, therapy/
OSTEOCHONDROITIS, complications/
*SHOULDER JOINT/ SPONDYLITIS,
complications/ STREPTOMYCIN, therapeutic
use/ ULTRASONIC THERAPY
4545. Tiwary CM: Letter: Testosterone, L.H.R.H., and behaviour. Lancet 1:993, 18 May 74
- AGGRESSION/ ANIMAL EXPERIMENTS/
*BEHAVIOR, drug effects/ *CHILD
BEHAVIOR DISORDERS, etiology/ GUINEA
PIGS/ HUMAN/ INFANT/ INJECTIONS,
INTRAMUSCULAR/ LH, blood/ *LH-FSH
RELEASING HORMONE, secretion/ MALE/
MONKEYS/ PUBERTY, PRECOCIOUS,
diagnosis/ PUBERTY, PRECOCIOUS, etiology/
PUBERTY, PRECOCIOUS, physiopathology/
RATS/ TESTOSTERONE, administration &
dosage/ TESTOSTERONE, diagnostic use/
*TESTOSTERONE, pharmacodynamics
4546. Tkachenko NM, Tumilovich LG, Bogdanova EA: O roli androgennykh gormonov v formirovani gonadotropnoi funktsii gipotalamo-gipofizarnoi sistemy devochek na raznykh etapakh ontogeneza. Aktual Probl Klin Biochem 49:61-4, Jul 73 (Rus)
- ADOLESCENCE/ ADRENOGENITAL
SYNDROME, physiopathology/ *ANDROGENS,
physiology/ CHILD/ CHILD, PRESCHOOL/
ELECTROENCEPHALOGRAPHY/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/
*HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
physiology/ LH, urine/ PUBERTY,
PRECOCIOUS, physiopathology
4547. Toaff R, Ballas S, Peyser MR, et al: [Early diagnosis of molar pregnancy] Harefuah 86:288-91, 15 Mar 74 (Heb)
- AMNIOSCOPY/ ENGLISH ABSTRACT/
FEMALE/ GONADOTROPINS, CHORIONIC,
urine/ HUMAN/ *HYDATIDIFORM MOLE,
diagnosis/ HYDATIDIFORM MOLE,
radiography/ PREGNANCY/ TIME FACTORS/
ULTRASONICS, diagnostic use
4548. Toback FG, Smith PD, Lowenstein LM: Effect of hyperosmolality on renal uridine metabolism. Am J Physiol 226:1474-9, Jun 74
- ANIMAL EXPERIMENTS/ CARBON
RADIOISOTOPES/ KIDNEY, drug effects/
*KIDNEY, metabolism/ KIDNEY CORTEX,
metabolism/ MALE/ *OSMOLAR
CONCENTRATION/ RNA, biosynthesis/
SODIUM, analysis/ SODIUM CHLORIDE/
SUCROSE, analysis/ *URIDINE, metabolism/
VASOPRESSIN, pharmacodynamics
4549. Tobian L Jr: Hypertension and the kidney. Arch Intern Med 133:959-67, Jun 74 (36 ref.)
- ANIMAL EXPERIMENTS/ BLOOD VOLUME/
BODY FLUIDS/ CARDIAC OUTPUT/
CONNECTIVE TISSUE CELLS/ EDEMA,
complications/ HUMAN/ HYPERTENSION,
complications/ HYPERTENSION, drug therapy/

AUTHOR SECTION

- HYPERTENSION, etiology/ *HYPERTENSION, physiopathology/ HYPERTENSION, surgery/ KALLIKREIN, pharmacodynamics/ KIDNEY, pathology/ *KIDNEY, physiopathology/ KIDNEY, transplantation/ KIDNEY DISEASES, etiology/ LIPIDS, secretion/ LIPIDS, therapeutic use/ NATRIURESIS, drug effects/ PROSTAGLANDINS, secretion/ PROSTAGLANDINS, therapeutic use/ RENAL ARTERY OBSTRUCTION, etiology/ RENIN, secretion/ REVIEW/ TRANSPLANTATION, HOMOLOGOUS/ VASCULAR RESISTANCE
4550. Tocchini-Valentini GP, Mahdavi V, Brown R, et al: The synthesis of amplified ribosomal DNA. Cold Spring Harbor Symp Quant Biol 38:551-8, 1973
 ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMOSOMES/ DNA, biosynthesis/ DNA REPLICATION/ ENDONUCLEASES, pharmacodynamics/ FEMALE/ MICROSCOPY, ELECTRON/ MITOSIS/ MODELS, CHEMICAL/ OVARY, enzymology/ REVERSE TRANSCRIPTASE, isolation & purification/ RIBONUCLEASE, pharmacodynamics/ *RIBOSOMES/ RNA, RIBOSOMAL/ THYMIDINE, metabolism/ TRANSCRIPTION, GENETIC/ TRITIUM/ XENOPUS, embryology
4551. Tochlin VI, Samsonov VP: Nevrioma, simuliruiushchala uzlovoi zob. Probl Endokrinol (Mosk) 20:51-2, Mar-Apr 74 (Rus)
 ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *GOITER, NODULAR, diagnosis/ HUMAN/ MALE/ *NECK NEOPLASMS, diagnosis/ NECK NEOPLASMS, pathology/ *NEURILEMMOMA, diagnosis/ NEURILEMMOMA, pathology
4552. Toda N: Proceedings: Influence of 5-hydroxykynurenamine, a new serotonin metabolite, on isolated cerebral arteries. Jap J Pharmacol 24:Suppl:88, 1974
 AMINES, antagonists & inhibitors/ AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ AORTA, drug effects/ *BASILAR ARTERY, drug effects/ IN VITRO/ KYNURENINE, antagonists & inhibitors/ *KYNURENINE, pharmacodynamics/ RECEPTORS, DRUG/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, metabolism/ SEROTONIN, pharmacodynamics
4553. Toft AD, Boyns AR, Cole EN, et al: Prolactin response to thyrotrophin releasing hormone in thyrotoxicosis. J Endocrinol 61:515-6, Jun 74
 FEMALE/ HUMAN/ HYPERTHYROIDISM, blood/ *HYPERTHYROIDISM, physiopathology/ MALE/ PROLACTIN, blood/ *PROLACTIN, secretion/ RADIOIMMUNOASSAY/ *THYROTROPIN RELEASING HORMONE, physiology
4554. Toft AD, Irvine WJ, Hunter WM, et al: Letter: Serum F.T.I. and T.S.H. in iodine-131-treated hyperthyroidism. Lancet 1:1284, 22 Jun 74
 HUMAN/ *HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, radiotherapy/ *IODINE RADIOISOTOPES, therapeutic use/ *THYROTROPIN, blood/ *THYROXINE, blood/ *TRIIODOTHYRONINE, blood
4555. Tojo S, Kanazawa S, Nakamura A, et al: Human chorionic TSH (hCTSH, hCT) during normal or molar pregnancy. Endocrinol Jap 20:505-15, Oct 73
 AMINO ACIDS, analysis/ FEMALE/ GUINEA PIGS, immunology/ HUMAN/ *HYDATIDIFORM MOLE, blood/ IMMUNE SERUMS/ IODINE RADIOISOTOPES/ *PLACENTA, secretion/ *PREGNANCY/ RADIOIMMUNOASSAY/ *THYROTROPIN, blood/ THYROXINE, analysis/ THYROXINE, blood
4556. Toker C: Oat cell tumor of the small bowel. Am J Gastroenterol 61:481-3, Jun 74
 CARCINOMA, OAT CELL, diagnosis/ *CARCINOMA, OAT CELL, pathology/ CARCINOMA, OAT CELL, surgery/ CYTOPLASMIC GRANULES/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ INTESTINAL NEOPLASMS, diagnosis/ *INTESTINAL NEOPLASMS, pathology/ INTESTINAL NEOPLASMS, surgery/ *JEJUNUM, pathology/ JEJUNUM, surgery/ MICROSCOPY, ELECTRON/ NEUROBLASTOMA, diagnosis/ NEUROBLASTOMA, pathology/ OVARIAN CYSTS, pathology/ OVARIAN CYSTS, surgery
4557. Tomiyama A, Takayanagi I, Takagi K: Proceedings: The effects of some drugs on the Ca++-uptake by microsomal fraction from guinea pig taenia coli. Jap J Pharmacol 24:Suppl:144, 1974
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ *COLON, metabolism/ IN VITRO/ *MICROSOMES, metabolism/ PAPAVERINE, pharmacodynamics/ PROCAINE, pharmacodynamics/ QUINIDINE, pharmacodynamics
4558. Tomkins GM: The molecular biology of the steroid hormones. Adv Exp Med Biol 44:357-65, Jun 74
 ANIMAL EXPERIMENTS/ BINDING SITES/ CELL LINE/ CELL NUCLEUS/ CELLS, CULTURED/ DNA/ GLUCOCORTICOIDS/ HEPATOMA/ *HORMONES/ KINETICS/ MOLECULAR BIOLOGY/ RECEPTORS, HORMONE/ RNA, MESSENGER/ RNA, TRANSFER
4559. Tomowa MP, Panowa D, Wulfson NS: Steroidsaponine und Steroidsapogenine. IV. Saponine aus Tribulus terrestris. Planta Med 25:231-7, May 74 (Ger)
 BIOFLAVONOIDS, analysis/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ *PLANTS, MEDICINAL, analysis/ *SAPONINS, analysis/ *STERIODS, analysis
4560. Tonder EM van: A review of some aspects concerning mating and reproduction in sheep. J S Afr Vet Med Assoc 43:329-42, Dec 72 (111 ref.)
 AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ *BREEDING/ CLIMATE/ ESTRUS/ FEMALE/ LABOR/ LACTATION/ MALE/ PREGNANCY/ PUBERTY/ *REPRODUCTION/ REVIEW/ SEASONS/ SELECTION (GENETICS)/ SEX BEHAVIOR, ANIMAL/ *SHEEP, physiology/ SOUTH AFRICA/ WOOL, growth & development
4561. Tonnesen MG, Jubiz W, Moore JG, et al: Circadian variation of prostaglandin E(PGE) production in human gastric juice. Am J Dig Dis 19:644-8, Jul 74
 *CIRCADIAN RHYTHM/ DUODENAL ULCER, metabolism/ GASTRIC ACIDITY DETERMINATION/ *GASTRIC JUICE, secretion/ HUMAN/ MALE/ PROSTAGLANDINS, analysis/ *PROSTAGLANDINS, biosynthesis/ RADIOIMMUNOASSAY/ SECRETORY RATE
4562. Tonooka N, Kobayashi I, Kobayashi S, et al: [Effect of L-dopa on hypothalamic-pituitary-thyroid axis in the rats] Folia Endocrinol Jap 50:30-41, 20 Jan 74 (Jap)
 ANIMAL EXPERIMENTS/ *DOPA, pharmacodynamics/ DOPAMINE, pharmacodynamics/ *HYPOTHALAMUS, drug effects/ IODINE RADIOISOTOPES/ MALE/ *PITUITARY GLAND, drug effects/ PROPYLTHIOURACIL, pharmacodynamics/ *THYROID GLAND, drug effects/ THYROTROPIN, blood/ THYROXINE, blood
4563. Toogood JH: Selection of patients for cromolyn therapy. Clin Pediatr (Phila) 13:428-31, May 74
 ADOLESCENCE/ ADULT/ AGE FACTORS/ ASTHMA, complications/ *ASTHMA, drug therapy/ ASTHMA, etiology/ ASTHMA, immunology/ BRONCHITIS, complications/ BRONCHITIS, drug therapy/ CARBON DIOXIDE, blood/ CHILD/ *DISODIUM CROMOGLYCATE, therapeutic use/ EPHEDRINE, therapeutic use/ EXERTION/ HUMAN/ LUNG DISEASES, OBSTRUCTIVE, complications/ LUNG DISEASES,

AUTHOR SECTION

- OBSTRUCTIVE, drug therapy/ MIDDLE AGE/
OXYGEN, blood/ PARTIAL PRESSURE/
PREDNISON, administration & dosage/
PREDNISON, therapeutic use/ SEASONS/
SKIN TESTS/ SPIROMETRY
4564. Török L, Börsch G: Hypogonadismus bei
Werner-Syndrom. *Z Hautkr* 49:179-81, 1 Mar 74 (Ger)
ADULT/ FSH, urine/ HUMAN/
*HYPOGONADISM, complications/
HYPOGONADISM, urine/ HYPOPITUITARISM,
complications/ LH, urine/ MALE/
TESTOSTERONE, urine/ *WERNER'S
SYNDROME, complications/ WERNER'S
SYNDROME, urine
4565. Torre C, Masciolo G: Necrosi ischemica della testa del
femore dopo trapianto renale.
Minerva Med 65:1677-9, 21 Apr 74 (Ita)
ADRENAL CORTEX HORMONES, adverse
effects/ CARTILAGE, ARTICULAR, pathology/
ENGLISH ABSTRACT/ FEMALE/ *FEMUR,
blood supply/ FEMUR HEAD NECROSIS,
chemically induced/ *FEMUR HEAD
NECROSIS, etiology/ FEMUR HEAD
NECROSIS, pathology/ FEMUR HEAD
NECROSIS, radiography/ HUMAN/ *ISCHEMIA,
etiology/ *KIDNEY, transplantation/
*POSTOPERATIVE COMPLICATIONS/ TIME
FACTORS/ TRANSPLANTATION,
HOMOLOGOUS
4566. Torre E, Bogetto F: Azione dell'etanolo sul livelli di
serotonina cerebrale, plastrinica ed epatica nel ratto.
Correlazioni biochimico-comportamentali.
Acta Neurol (Napoli) 29:66-72, Jan-Feb 74 (Ita)
*ALCOHOL, ETHYL, pharmacodynamics/
ANIMAL EXPERIMENTS/ *BEHAVIOR,
ANIMAL, drug effects/ *BLOOD PLATELETS,
drug effects/ *BRAIN, metabolism/ ENGLISH
ABSTRACT/ *LIVER, drug effects/ MALE/
RATS/ *SEROTONIN, metabolism
4567. Tountas C, Paraskevas G, Deligeorgi H: Letter: Benign
hepatoma and oral contraceptives.
Lancet 1:1351-2, 29 Jun 74
*CONTRACEPTIVES, ORAL, adverse effects/
FEMALE/ *HEPATOMA, chemically induced/
HUMAN/ *LIVER NEOPLASMS, chemically
induced
4568. Tournaire J, Fevre M, Mazenod B, et al: Effects of
clomiphene citrate and synthetic LHRH on serum
luteinizing hormone (LH) in men with idiopathic
hemochromatosis.
J Clin Endocrinol Metab 38:1122-4, Jun 74
ADULT/ AGED/ CLOMIPHENE, administration
& dosage/ *CLOMIPHENE, pharmacodynamics/
*HEMOCHROMATOSIS, blood/ HUMAN/
IODINE RADIOISOTOPES/ *LH, blood/
*LH-FSH RELEASING HORMONE,
pharmacodynamics/ MALE/ MIDDLE AGE/
RADIOIMMUNOASSAY
4569. Tournier R, Letonturier P, Sénécal P: Significato del
"long-acting thyroid stimulator". Riflessioni su una
prima serie di risultati.
Minerva Med 65:995-8, 14 Mar 74 (Ita)
ANIMAL EXPERIMENTS/ AUTOANTIBODIES/
*GOITER, EXOPHTHALMIC, blood/ GOITER,
EXOPHTHALMIC, immunology/ HUMAN/ IGG,
analysis/ LONG-ACTING THYROID
STIMULATOR, blood/ *LONG-ACTING
THYROID STIMULATOR, physiology/ MICE/
*MYXEDEMA, blood/ MYXEDEMA,
immunology/ THYROID GLAND, abnormalities/
THYROID GLAND, physiopathology/ THYROID
GLAND FUNCTION TESTS
4570. Traini E, Concetti M, Natale P: La malattia de Addison
senza ipotensione.
Minerva Med 65:1293-9, 31 Mar 74 (Ita)
*ADDISON'S DISEASE/ ADDISON'S DISEASE,
diagnosis/ ADDISON'S DISEASE,
drug therapy/ ADDISON'S DISEASE,
physiopathology/ ADRENAL CORTEX
HORMONES, therapeutic use/ ADRENAL
GLANDS, physiopathology/ ADULT/ AGED/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
*HYPOTENSION/ MALE/ MIDDLE AGE
4571. Trajković D, Ribarac-Stepić N, Kanazir D: The effect of
cortisol on biosynthesis and phosphorylation of
histones in rat liver.
Arch Int Physiol Biochim 81:859-69, Dec 73
ANIMAL EXPERIMENTS/ CELL NUCLEUS,
metabolism/ CYTOSOL, metabolism/
ELECTROPHORESIS, POLYACRYLAMIDE
GEL/ *HISTONES, biosynthesis/
*HYDROCORTISONE, pharmacodynamics/ IN
VITRO/ LIVER, cytology/ *LIVER,
metabolism/ LYSINE, metabolism/
*OXIDATIVE PHOSPHORYLATION, drug
effects/ PHOSPHATES, metabolism/
PHOSPHORUS RADIOISOTOPES/ PROTEINS,
metabolism/ RATS/ TIME FACTORS/
TRITIUM
4572. Trams EG, Brown EA: The activity of 2',3'-cyclic
adenosine monophosphate 3'-phosphoesterhydrolase
in elasmobranch and teleost brain.
Comp Biochem Physiol [B] 48:185-9, 15 Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/
ANIMAL EXPERIMENTS/ *BRAIN,
enzymology/ CEREBELLUM, enzymology/
*FISHES/ FLUOROMETRY/ KIDNEY,
enzymology/ LIVER, enzymology/ MEDULLA
OBLONGATA, enzymology/ OPTIC LOBE,
enzymology/ *PHOSPHODIESTERASES,
analysis/ SHARKS/ TELECEPHALON,
enzymology
4573. Tran N, Laplante M, Lebel E: Développement des
méthodes radio-métriques pour la détection in vitro
des troubles métaboliques chez l'homme.
Union Med Can 103:1656-9, Aug 73 (Fre)
ALCOHOLISM, metabolism/ BACTERIAL
INFECTIONS, metabolism/ CARBON DIOXIDE,
diagnostic use/ *CARBON RADIOISOTOPES,
diagnostic use/ DOPA, metabolism/ ENGLISH
ABSTRACT/ ERYTHROCYTES, metabolism/
FOLIC ACID DEFICIENCY, metabolism/
GLUCOSE, metabolism/ GLUCOSEPHOSPHATE
DEHY- DROGENASE DEFICIENCY, diagnosis/
HUMAN/ IN VITRO/ ISOTOPE LABELING/
LEUKOCYTES, metabolism/ *METABOLIC
DISEASES, diagnosis/ METHODS/
OXIDATION-REDUCTION/
PENTOSEPHOSPHATES, metabolism/
PHAGOCYTOSIS/ PLACENTA, metabolism
4574. Tran-Chau PT, Urbanek H: Serine neutral proteinase
from *Bacillus pumilus* as metalloenzyme.
Acta Microbiol Pol [B] 6:21-5, 1974
*BACILLUS, enzymology/ BACTERIAL
PROTEINS, analysis/ CALCIUM, metabolism/
CASEIN/ COPPER, metabolism/ EDTA,
pharmacodynamics/ ENZYME ACTIVATION/
*PEPTIDE HYDROLASES, metabolism/
*SERINE, analysis/ *ZINC, metabolism
4575. Traniello S: Fructose-1,6-diphosphatase from rat liver.
Purification and properties.
Biochim Biophys Acta 341:129-37, 21 Mar 74
AMINO ACIDS, analysis/ ANIMAL
EXPERIMENTS/ BINDING SITES/
CENTRIFUGATION, DENSITY GRADIENT/
CHROMATOGRAPHY, ION EXCHANGE/ DRUG
STABILITY/ EDTA, pharmacodynamics/
ELECTROPHORESIS, DISC/
FRUCTOSEPHOSPHATES, pharmacodynamics/
HEAT/ *HEXOSEPHOSPHATASE, isolation
& purification/ HEXOSEPHOSPHATASE,
metabolism/ HYDROGEN-ION
CONCENTRATION/
HYDROXYMERCURIBENZOATES/ KINETICS/
LIVER, drug effects/ *LIVER, enzymology/
MAGNESIUM, pharmacodynamics/ MALE/
MOLECULAR WEIGHT/ PROTEIN BINDING/
RATS/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ TIME FACTORS/
TRIAMCINOLONE, pharmacodynamics
4576. Traniello S, Ottolenghi T, Grazi E: Stimulation by
heterologous perfusion of the arginase activity of
chicken liver. *Ital J Biochem* 23:29-37, Jan 74
ANIMAL EXPERIMENTS/ *ARGINASE,
metabolism/ CATTLE/ CHICKENS/
CHLORAMPHENICOL, pharmacodynamics/
COMPARATIVE STUDY/ CYCLOHEXIMIDE,
pharmacodynamics/ ERYTHROCYTES/

AUTHOR SECTION

HEMOLYSIS/ HYDROCORTISONE,
pharmacodynamics/ INSULIN,
pharmacodynamics/ KINETICS/ LIVER, drug
effects/ *LIVER, enzymology/ PERFUSION/
SPECTROPHOTOMETRY/ TIME FACTORS

4577. Traut H, Scheld W: The induction of aneuploidy by colcemid fed to *Drosophila melanogaster* females. *Mutat Res* 23:179-88, May 74

*ANEUPLOIDY/ ANIMAL EXPERIMENTS/
*COLCHICINE, pharmacodynamics/
*DROSOPHILA MELANOGASTER,
drug effects/ FEMALE/ KARYOTYPING/
MALE/ MUTATION/ OVUM, drug effects/
PHENOTYPE/ SEX CHROMOSOMES, drug
effects/ TIME FACTORS

4578. Trejo Rodriguez G, Serrano Palacio E, Abbud E, et al: El uso de radioisótopos en gineco-obstetricia (evaluación de 15 casos) informe preliminar. *Ginecol Obstet Mex* 35:251-6, Mar 74 (Spa)

ENGLISH ABSTRACT/ EVALUATION
STUDIES/ FEMALE/ *GYNECOLOGIC
DISEASES, diagnosis/ HUMAN/ *INDIUM/
METHODS/ PREGNANCY/ *PREGNANCY
COMPLICATIONS, diagnosis/ *RADIOISOTOPE
SCANNING/ *TECHNETIUM/ THYROXINE,
blood/ TRIIODOTHYRONINE, blood

4579. Trentini GP, Botticelli A, Barbolini G: Testicular lesions in rats treated for one year with ethambutol in low doses.

Virchows Arch [Pathol Anat] 362:311-14, 1974
ADMINISTRATION, ORAL/ ANIMAL
EXPERIMENTS/ ETHAMBUTOL, administration
& dosage/ *ETHAMBUTOL, adverse effects/
LONG TERM CARE/ MALE/ STERILITY,
MALE, chemically induced/ *TESTICULAR
DISEASES, chemically induced/ TESTICULAR
DISEASES, pathology/ TIME FACTORS

4580. Trentini GP, Botticelli A, Botticelli CS: Effect of monosodium glutamate on the endocrine glands and on the reproductive function of the rat.

Fertil Steril 25:478-83, Jun 74
ADRENAL GLANDS, drug effects/ ANIMAL
EXPERIMENTS/ BODY WEIGHT,
drug effects/ *ENDOCRINE GLANDS, drug
effects/ FEMALE/ *GLUTAMATES,
pharmacodynamics/ GLUTAMATES, toxicity/
HYPOTHALAMUS, drug effects/ MALE/
ORGAN WEIGHT/ OVARY, drug effects/
PINEAL BODY, drug effects/ PITUITARY
GLAND, drug effects/ *REPRODUCTION, drug
effects/ SEX BEHAVIOR, drug effects/ SEX
DIFFERENTIATION DISORDERS, chemically
induced/ STERILITY, chemically induced/
THYROID GLAND, drug effects/ UTERUS,
drug effects/ VAGINA, drug effects/
VAGINAL SMEARS

4581. Treshchynskiy AI, Mozhaev HA, Shlapak IP: Obmin hluokokortykoidiv i ikh transportno-rezervni formy v umovakh perfuzii izlozovanoi pechinky.

Ukr Biokhim Zh 46:188-91, Mar-Apr 74 (Ukr)
ANIMAL EXPERIMENTS/ ENGLISH
ABSTRACT/ *HYDROCORTISONE,
pharmacodynamics/
*11-HYDROXYCORTICOSTEROIDS, metabolism/
*17-HYDROXYCORTICOSTEROIDS, metabolism/
IN VITRO/ *LIVER, metabolism/ PERFUSION/
SWINE

4582. Tria E, Luly P, Tomasi V, et al: Modulation by cyclic AMP in vitro of liver plasma membrane (Na⁺-K⁺)-ATPase and protein kinases.

Biochim Biophys Acta 343:297-306, 22 Apr 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
*ADENOSINE TRIPHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ BUTYRATES,
pharmacodynamics/ CAFFEINE,
pharmacodynamics/ CELL MEMBRANE, drug
effects/ CELL MEMBRANE, enzymology/
CHROMATOGRAPHY, ION EXCHANGE/
CYTOSINE NUCLEOTIDES, pharmacodynamics/
CYTOSOL, enzymology/ DIBUTYRYL CYCLIC
AMP, pharmacodynamics/ EPINEPHRINE,
pharmacodynamics/ GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/

KINETICS/ LIVER, cytology/ *LIVER,
enzymology/ MAGNESIUM, pharmacodynamics/
MALE/ NUCLEOTIDES, CYCLIC,
pharmacodynamics/ POTASSIUM,
pharmacodynamics/ PROPRANOLOL,
pharmacodynamics/ *PROTEIN KINASE,
metabolism/ SODIUM/ THEOPHYLLINE,
pharmacodynamics

4583. Trinci AP, Collinge AJ: Occlusion of the septal pores of damaged hyphae of *Neurospora crassa* by hexagonal crystals. *Protoplasma* 80:57-67, 1974

CRYSTALLIZATION/ *ERGOSTEROL/
MICROSCOPY, ELECTRON/ MICROSCOPY,
PHASE CONTRAST/ *NEUROSPORA, cytology/
NEUROSPORA CRASSA, cytology/
NEUROSPORA CRASSA, growth &
development/ OSMOTIC PRESSURE/ SPORES

4584. Tritsch GL, Shukla SK, Mittelman A, et al: Estracyt (NSC 89199) as a substrate for phosphatases in human serum. *Invest Urol* 12:38-9, Jul 74

ACID PHOSPHATASE, blood/ ALCOHOLS,
metabolism/ ALKALINE PHOSPHATASE,
blood/ *ANTINEOPLASTIC AGENTS/
CARBAMATES/ *ESTRANES/ HUMAN/
HYDROLYSIS/ IN VITRO/ KINETICS/ MALE/
*NITROGEN MUSTARD COMPOUNDS/
ORGANOPHOSPHORUS COMPOUNDS/
*PHOSPHATASES, blood/ PROSTATIC
NEOPLASMS, blood/ PROSTATIC
NEOPLASMS, enzymology/ SOLUBILITY

4585. Trnavský K: Novější poznatky o biochemii akutního zánětu. Přehledný referát.

Fysiatr Reumatol Vestn 52:81-7, Apr 74 (Cze)
ACUTE DISEASE/ BLOOD COAGULATION
FACTORS/ CAPILLARY PERMEABILITY/
COMPLEMENT/ ENGLISH ABSTRACT/
FIBRINOLYSIS/ HISTAMINE, blood/ HUMAN/
INFLAMMATION, blood/ *INFLAMMATION,
etiology/ INFLAMMATION, immunology/
KININOGENS, blood/ KININS, blood/
PLATELET ADHESIVENESS/
PROSTAGLANDINS, blood/ SEROTONIN,
blood

4586. Truding R, Shelanski ML, Daniels MP, et al: Comparison of surface membranes isolated from cultured murine neuroblastoma cells in the differentiated or undifferentiated state.

J Biol Chem 249:3973-82, 25 Jun 74
ACETYLCHOLINESTERASE, metabolism/
CELL DIFFERENTIATION/ CELL DIVISION/
CELL FRACTIONATION/ *CELL MEMBRANE/
CELL MEMBRANE, enzymology/ CELL
MEMBRANE, metabolism/ CLONE CELLS/
DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ ELECTROPHORESIS, DISC/
GLYCOPROTEINS, biosynthesis/ IODINE/
IODINE RADIOISOTOPES/ MICROSCOPY,
ELECTRON/ MICROSCOPY, PHASE
CONTRAST/ MOLECULAR WEIGHT/
NEOPLASM PROTEINS, metabolism/
*NEUROBLASTOMA/ NEUROBLASTOMA,
enzymology/ NEUROBLASTOMA, metabolism/
PEPTIDE FRAGMENTS/ PEROXIDASES,
metabolism/ POTASSIUM IODIDE/ SODIUM/
TRYPSIN

4587. Trunchenkova ES, Bryzgalina SM, Margatskaya EV: Opyt lecheniya khlorpropamidom bol'nykh nesakharnym diabetom.

Probl Endokrinol (Mosk) 20:18-21, Mar-Apr 74 (Rus)
ADOLESCENCE/ ADULT/ CHLORPROPAMIDE,
administration & dosage/ CHLORPROPAMIDE,
pharmacodynamics/ *CHLORPROPAMIDE,
therapeutic use/ *DIABETES INSIPIDUS, drug
therapy/ DIURESIS, drug effects/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/ MALE/
MIDDLE AGE

4588. Truniger B: Niere und Hypertonie.

Praxis 63:579-83, 14 May 74 (Ger)
ANGIOTENSIN, physiology/ ENGLISH
ABSTRACT/ EXTRACELLULAR SPACE/
GLOMERULONEPHRITIS, complications/
HUMAN/ *HYPERTENSION, RENAL, etiology/
HYPERTENSION, RENAL, physiopathology/
*KIDNEY, physiopathology/ NEPHROTIC

AUTHOR SECTION

- SYNDROME, complications/ RENIN, physiology/ THROMBOEMBOLISM, complications
4589. Tryfiates GP, Choulis NH, Papadopoulos H: Effect of surfactants in the presence and absence of testosterone on the activity of two liver enzymes of tumor-bearing rats. *Pharmazie* 29:145-6, Feb 74
ANIMAL EXPERIMENTS/ FEMALE/
*HEPATOMA, enzymology/ *LIVER, enzymology/ *LIVER NEOPLASMS, enzymology/ NEOPLASM PROTEINS, analysis/
*SERINE DEHYDRATASE, antagonists & inhibitors/ *SURFACE-ACTIVE AGENTS, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics/ *TYROSINE AMINOTRANSFERASE, antagonists & inhibitors
4590. Tryfiates GP, Shuler JK, Morris HP: Enzyme activities in vitamin B6-deficient, normal and tumor-bearing animals: effect of hydrocortisone. *Proc Soc Exp Biol Med* 145:1363-7, Apr 74
ANIMAL EXPERIMENTS/ ENZYME INDUCTION/ *HEPATOMA, enzymology/
*HYDROCORTISONE, pharmacodynamics/
*LIVER, enzymology/ *LIVER NEOPLASMS, enzymology/ MALE/ NEOPLASMS, EXPERIMENTAL, enzymology/ *PYRIDOXINE/ RATS/ *SERINE DEHYDRATASE, metabolism/
*TYROSINE AMINOTRANSFERASE, metabolism/ *VITAMIN B DEFICIENCY, enzymology
4591. Tsang CP: Changes in plasma levels of estrone sulfate and estrone in the pregnant ewe around parturition. *Steroids* 23:855-68, Jun 74
ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, THIN LAYER/
*ESTROGENIC SUBSTANCES, CONJUGATED, blood/ *ESTRONE, blood/ ESTRONE, isolation & purification/ FEMALE/ GEL FILTRATION/
*LABOR/ MALE/ METHODS/
RADIOIMMUNOASSAY/ SHEEP, immunology/
SHEEP, metabolism/ SULFURIC ACIDS, blood/ TRITIUM
4592. Tsiomik VA: Blianie 6-metilthiouratsila i kholesterina na biosintez kortikosteroidov v nadpochechnikakh sobak. *Probl Endokrinol (Mosk)* 20:84-7, Mar-Apr 74 (Rus)
*ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/
ALDOSTERONE, biosynthesis/ ANIMAL EXPERIMENTS/ *CHOLESTEROL, pharmacodynamics/ CORTICOSTERONE, biosynthesis/ CORTICOTROPIN, pharmacodynamics/ CORTISONE, biosynthesis/
DOGS/ ENGLISH ABSTRACT/
HYDROCORTISONE, biosynthesis/
17-HYDROXYCORTICOSTEROIDS/ MALE/
*METHYLTHIOURACIL, pharmacodynamics
4593. Tsoucaris-Kupfer D, Schmitt H: Hypothermic effect of alpha-sympathomimetic agents and their antagonism by adrenergic and cholinergic blocking drugs. *Neuropharmacology* 11:625-35, Sep 72
ADRENERGIC ALPHA RECEPTOR AGONISTS, antagonists & inhibitors/ *ADRENERGIC ALPHA RECEPTOR AGONISTS, pharmacodynamics/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/
ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BODY TEMPERATURE, drug effects/ CEREBRAL VENTRICLES, drug effects/ CLONIDINE, pharmacodynamics/
DOSE-RESPONSE RELATIONSHIP, DRUG/ HYPOTHALAMUS, drug effects/ INJECTIONS/ INJECTIONS, INTRAPERITONEAL/
NAPHAZOLINE, pharmacodynamics/
OXAZOLES, pharmacodynamics/
OXYMETAZOLINE, pharmacodynamics/
PARASYMPATHOLYTICS, antagonists & inhibitors/ *PARASYMPATHOLYTICS, pharmacodynamics/ RATS/ STEREOTAXIC TECHNIQS/ SYMPATHOLYTICS, antagonists & inhibitors/ *SYMPATHOLYTICS, pharmacodynamics/ THIAZINES, pharmacodynamics/ TIME FACTORS/ TOLUIDINES, pharmacodynamics/ XYLENE, pharmacodynamics
4594. Tsuang MT: Sex chromatin anomaly in Chinese females: psychiatric characteristics of XXX. *Br J Psychiatry* 124:299-305, Mar 74
FEMALE/ HUMAN/ KARYOTYPING/
*MENTAL DISORDERS, etiology/ MENTAL RETARDATION, etiology/ MONGOLOID RACE/ SCHIZOPHRENIA, etiology/ SEX CHROMATIN/ *SEX CHROMOSOME ABNORMALITIES, complications/ SEX CHROMOSOME ABNORMALITIES, occurrence/ TAIWAN
4595. Tsukul T, Takasu N, Onaya T, et al: Effect of nonsteroidal antinflammatory drugs on plasma protein-thyroxine interaction. *Proc Soc Exp Biol Med* 146:494-8, Jun 74
ANIMAL EXPERIMENTS/
*ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTIPYRINE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BARBITURATES, pharmacodynamics/ BINDING SITES, drug effects/ *BLOOD PROTEINS, metabolism/
CYCLOHEXANE, pharmacodynamics/ FECES, analysis/ FLUFENAMIC ACID, pharmacodynamics/ INDOMETHACIN, pharmacodynamics/ IODINE, blood/ IODINE RADIOISOTOPES/ MALE/ MEFENAMIC ACID, pharmacodynamics/ METHANESULFONATES, pharmacodynamics/ MUSCLES, metabolism/
OXYPHENBUTAZONE, pharmacodynamics/
PHENYLACETATES, pharmacodynamics/
PHENYLBUTAZONE, pharmacodynamics/
PROTEIN BINDING/ RESINS, metabolism/
SODIUM SALICYLATE, pharmacodynamics/
THYROID GLAND, physiology/
THYROIDECTOMY/ *THYROXINE, metabolism
4596. Tsung SH, Repke DW: Heat inactivation and determination of serum gamma-glutamyltranspeptidase as a profile in identification of human alkaline phosphatase. *Am J Clin Pathol* 61:606-11, May 74
ADULT/ AGED/ *ALKALINE PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, biosynthesis/ BONE AND BONES, enzymology/
BONE AND BONES, metabolism/ BONE DISEASES, blood/ BONE DISEASES, diagnosis/ BONE DISEASES, enzymology/
ENZYME ACTIVATION/ FEMALE/
*GLUTAMYL TRANSPEPTIDASE, blood/
*HEAT/ HUMAN/ LIVER, enzymology/ LIVER, metabolism/ LIVER DISEASES, blood/ LIVER DISEASES, diagnosis/ LIVER DISEASES, enzymology/ MALE/ MIDDLE AGE/
PROSPECTIVE STUDIES/ RETROSPECTIVE STUDIES
4597. Tsuru H, Ishikawa N, Shigel T: Proceedings: Regional differences in the sensitivity to several bioactive peptides in the venous system of dog. *Jap J Pharmacol* 24:Suppl:76, 1974
ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRADYKININ, pharmacodynamics/ CAERULEIN, pharmacodynamics/ IN VITRO/ MALE/
NOREPINEPHRINE, pharmacodynamics/
OXYTOCIN, pharmacodynamics/ *PEPTIDES, pharmacodynamics/ VASOPRESSIN, pharmacodynamics/ *VEINS, drug effects
4598. Tsuzuki K, Nakashima T, Kuroguchi Y: Proceedings: Relation between hyperkalemia and hyperglycemia. 9. *Jap J Pharmacol* 24:Suppl:96, 1974
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ EPINEPHRINE, pharmacodynamics/ IN VITRO/
ISOPROTERENOL, pharmacodynamics/ LIVER, metabolism/ *POTASSIUM, blood
4599. Tsyb AF, Vtulin BM: Priemy i sposoby angiograficheskogo issledovaniia pri opukholikh shel. *Vestn Khir* 111:21-6, Oct 73 (Rus)
ADENOMA, radiography/ *ANGIOGRAPHY/

AUTHOR SECTION

- AORTOGRAPHY/ CATHETERIZATION, instrumentation/ ENGLISH ABSTRACT/ HUMAN/ LYMPHATIC METASTASIS/ LYMPHOGRAPHY/ LYMPHOMA, radiography/ MESENCHYMOMA, radiography/ *NECK NEOPLASMS, radiography/ NEOPLASM METASTASIS/ PAROTID NEOPLASMS, radiography/ PUNCTURES/ SALIVARY GLAND NEOPLASMS, radiography/ SUBMANDIBULAR GLAND/ THYROID NEOPLASMS, radiography**
- 4600. Tsygankova TP, Khoroshikh LV, Savchenko MA:** Sostoiannie krovi i krovotvornykh organov potomstva pri patologii pecheni, nad pochechnikov i anemii u beremennykh krysa.
Akush Ginekolog (Mosk) 49:31-5, Nov 73 (Rus)
*ADRENAL GLAND DISEASES, blood/
*ANEMIA, blood/ ANIMAL EXPERIMENTS/
*ERYTHROCYTE COUNT/ FEMALE/
*HEMATOPOIETIC SYSTEM, physiopathology/
*HEPATITIS, INFECTIOUS, blood/
MATERNAL-FETAL EXCHANGE/
PREGNANCY/ *PREGNANCY COMPLICATIONS, blood/ PREGNANCY COMPLICATIONS, physiopathology/
PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ PREGNANCY COMPLICATIONS, INFECTIOUS, blood/ RATS
- 4601. Tubbert MA, Berlowitz L:** Chromatin and histones in mealy bug spermatogonia. In situ alteration of template availability in hetero- and euchromatin by a synthetic polyanion. Exp Cell Res 85:205-11, 30 Mar 74
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ *BEETLES/ BINDING SITES/ CELL NUCLEUS, metabolism/
*CHROMATIN, metabolism/ DACTINOMYCIN, metabolism/ *HETEROCHROMATIN, metabolism/ *HISTONES, metabolism/ MALE/
*POLYSTYRENES, pharmacodynamics/ RNA, biosynthesis/ *SPERMATOGONIA, cytology/
SPERMATOGONIA, metabolism/ SULFONIC ACIDS/ TEMPLATES/ TESTIS, cytology/
TRANSCRIPTION, GENETIC/ TRITIUM
- 4602. Tudor I, Milea S, Stoica I:** ACTH therapy in some nonhypersarhythmic forms of epilepsy.
Rev Roum Neurol Psychiatr 11:47-56, 1974
ADOLESCENCE/ ADULT/ AGE FACTORS/
ANTICONVULSANTS, therapeutic use/ CHILD/
CHILD, PRESCHOOL/ CORTICOTROPIN, adverse effects/ *CORTICOTROPIN, therapeutic use/ DRUG THERAPY, COMBINATION/
ELECTROENCEPHALOGRAPHY/ *EPILEPSY, drug therapy/ EPILEPSY, physiopathology/
EPILEPSY, PETIT MAL, drug therapy/
FEMALE/ HUMAN/ INFANT/ JACKSONIAN SEIZURE, drug therapy/ MALE
- 4603. Tukalo MA, Matilash IuM, El'skaya AV:** Vplyv ioniv na pochatkovu shvydkist' reaktsii aminoatsyluvannia tRNK molochnoi zalozy v homolohichnii ta heterolohichnii systemakh.
Ukr Biokhim Zh 46:336-40, May-Jun 74 (Ukr)
ACYLATION/ AMINATION/ AMINO ACYL T RNA SYNTHETASES, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/
CATIONS, DIVALENT/ CATIONS, MONOVALENT/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ FEMALE/ *IONS, pharmacodynamics/ LACTATION/ MAGNESIUM, pharmacodynamics/
MANGANESE, pharmacodynamics/
METHIONINE, metabolism/ POTASSIUM, pharmacodynamics/ *RNA, TRANSFER, metabolism/ SULFUR RADIOISOTOPES/
UDDER, drug effects/ *UDDER, metabolism
- 4604. Tulchinsky D, Chopra LJ:** Estrogen-androgen imbalance in patients with hirsutism and amenorrhea.
J Clin Endocrinol Metab 39:164-9, Jul 74
*AMENORRHEA, blood/ CARRIER PROTEINS, analysis/ *ESTRADIOL, blood/ FEMALE/
*HIRSUTISM, blood/ HUMAN/
RADIOIMMUNOASSAY/ SERUM GLOBULINS, analysis/ *STANOLONE, blood/
*TESTOSTERONE, blood
- 4605. Tullis RE, Kamemoto FI:** Separation and biological effects of CNS factors affecting water balance in the decapod crustacean *Thalamita crenata*.
Gen Comp Endocrinol 23:19-28, May 74
ACETONE/ ANIMAL EXPERIMENTS/
BIOLOGICAL ASSAY/ *CENTRAL NERVOUS SYSTEM, analysis/ CHROMATOGRAPHY/
*CRABS, physiology/ CRAYFISH, physiology/
MOLECULAR WEIGHT/ *NEUROSECRETORY SYSTEMS, analysis/ SODIUM, metabolism/
SOLUBILITY/ TRITIUM/
*WATER-ELECTROLYTE BALANCE
- 4606. Tuomisto L, Tuomisto J, Smissman EE:** Dopamine uptake in striatal and hypothalamic synaptosomes: conformational selectivity of the inhibition.
Eur J Pharmacol 25:351-61, Mar 74
ANIMAL EXPERIMENTS/ BENZENE DERIVATIVES, pharmacodynamics/ CORPUS STRIATUM, cytology/ CORPUS STRIATUM, drug effects/ *CORPUS STRIATUM, metabolism/ *DOPAMINE, metabolism/
HYPOTHALAMUS, cytology/
HYPOTHALAMUS, drug effects/
*HYPOTHALAMUS, metabolism/ IN VITRO/
ISOMERISM/ KINETICS/ MOLECULAR CONFORMATION/ NAPHTHALENES, pharmacodynamics/ NIALAMIDE, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ OXAZOLES, pharmacodynamics/ RATS/
STRUCTURE-ACTIVITY RELATIONSHIP/
*SYNAPTOSOMES, metabolism/ TRITIUM
- 4607. Turakulov IaKh, Mirakhmedov AK, Patkhidinov P:** Issledovanie nukleinovyykh kislot v mitokondriakh pecheni krysa pri razlichnykh urovniakh tireoidnogo gormona v organizme.
Biokhimiia 38:1243-7, Nov-Dec 73 (Rus)
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ COMPARATIVE STUDY/
DNA, analysis/ *DNA, metabolism/ ENGLISH ABSTRACT/ HYPERTHYROIDISM, metabolism/
HYPOTHYROIDISM, metabolism/ LIVER, cytology/ MALE/ MICROSCOPY, ELECTRON/
MITOCHONDRIA, LIVER, drug effects/
*MITOCHONDRIA, LIVER, metabolism/ RNA, analysis/ *RNA, metabolism/ THYMIDINE, metabolism/ THYROID GLAND, physiology/
*THYROID HORMONES, physiology/
THYROIDECTOMY/ THYROXINE, pharmacodynamics/ URIDINE, metabolism
- 4608. Turcu E, Efanov A, Macarie C:** Posibilități de interpretare a prezenței antigenului Australia (Ag.Au) la bolnavii cu hepatită cronică și ciroză hepatică.
Med Interna (Bucur) 25:1127-34, Sep 73 (Rum)
ADRENAL CORTIX HORMONES, therapeutic use/ *AUSTRALIA ANTIGEN, analysis/
CHRONIC DISEASE/ ENGLISH ABSTRACT/
EVALUATION STUDIES/ FEMALE/ GEL DIFFUSION TESTS/ HEPATITIS, diagnosis/
*HEPATITIS, immunology/ HUMAN/
IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LIVER CIRRHOSIS, diagnosis/ *LIVER CIRRHOSIS, immunology/ MALE
- 4609. Turková J:** Affinity chromatography.
J Chromatogr 91:267-91, 24 Apr 74 (187 ref.)
ADSORPTION/ ANTIBODIES, isolation & purification/ ANTIGENS, isolation & purification/ *CHROMATOGRAPHY, AFFINITY/ ENZYMES, isolation & purification/ GELS/ HORMONES, isolation & purification/ NUCLEIC ACIDS, isolation & purification/ PEPTIDES, isolation & purification/ PROTEINS, isolation & purification/ REVIEW/ SOLUBILITY
- 4610. Turner P:** Beta-adrenergic receptor blocking drugs in hyperthyroidism. Drugs 7:48-54, 1974 (39 ref.)
*ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/
ALPRENOLOL, therapeutic use/ HUMAN/
*HYPERTHYROIDISM, drug therapy/
HYPERTHYROIDISM, physiopathology/
HYPERTHYROIDISM, radiotherapy/
HYPERTHYROIDISM, surgery/ IODINE RADIOISOTOPES, therapeutic use/

AUTHOR SECTION

- OXPRENOLOL, therapeutic use/ PINDOLOL, therapeutic use/ PRACTOLOL, therapeutic use/ PREMEDICATION/ PRONETHALOL, therapeutic use/ PROPANOLOL, therapeutic use/ REVIEW/ SOTALOL, therapeutic use/ SYMPATHOMIMETICS, pharmacodynamics/ THYROID ANTAGONISTS, therapeutic use/ THYROIDECTOMY
4611. Turski VA, Gross M, Lewandowski AS: Raneé vllanie hormona rosta na vskluchenie P320ortofosfata v RNK mitokhondrií i lader pecheni krysy. Biokhimiia 38:677-81, Jul-Aug 73 (Rus)
ANIMAL EXPERIMENTS/ CELL NUCLEUS, drug effects/ *CELL NUCLEUS, metabolism/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ LIVER, cytology/ MALE/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ MOLECULAR WEIGHT/ *PHOSPHATES, metabolism/ PHOSPHORUS RADIOISOTOPES/ RNA, isolation & purification/ *RNA, metabolism/ SOMATOTROPIN, pharmacodynamics/ *SOMATOTROPIN, physiology/ STIMULATION, CHEMICAL/ TIME FACTORS
4612. Tushuizen PB, Stoot JE, Ubachs JM: Abnormal antepartum cardiotocograms in patients with placental insufficiency. Am J Obstet Gynecol 119:638-47, 1 Jul 74
APGAR SCORE/ BIRTH WEIGHT/ FEMALE/ FETAL DEATH, etiology/ *FETAL DISEASES, diagnosis/ FETAL DISEASES, physiopathology/ FETAL HEART, physiology/ FETUS, growth & development/ *FETUS, physiology/ GESTATIONAL AGE/ HEART FUNCTION TESTS/ HEART RATE/ HUMAN/ MATERNAL-FETAL EXCHANGE/ MUSCLE CONTRACTION/ *PLACENTA DISORDERS, diagnosis/ PLACENTA DISORDERS, physiopathology/ PREGNANCY TOXEMIAS, complications/ PRENATAL DIAGNOSIS/ *UTERUS, physiology
4613. Tutton PJ: Proceedings: The role of catecholamines in the regulation of crypt cell proliferation. 3. Adrenalectomy. J Anat 118:468, Dec 73
ADRENAL CORTEX HORMONES, pharmacodynamics/ ADRENAL CORTEX HORMONES, physiology/ *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *INTESTINAL MUCOSA, growth & development/ MITOSIS, drug effects/ NOREPINEPHRINE, physiology/ RATS
4614. Tuuteri L, Perheentupa J, Rapola J: The cardiopathy of mullibrey nanism, a new inherited syndrome. Chest 65:628-31, Jun 74
*BRAIN DISEASES, familial & genetic/ CEREBRAL VENTRICLES, pathology/ DWARFISM, complications/ *DWARFISM, familial & genetic/ DWARFISM, surgery/ ELECTROCARDIOGRAPHY/ EYE DISEASES, complications/ FACE/ FEMALE/ GROWTH DISORDERS, familial & genetic/ HEART ATRIUM, radiography/ HEART DISEASES, complications/ *HEART DISEASES, familial & genetic/ HEART DISEASES, surgery/ HEART ENLARGEMENT, etiology/ *HEPATOMEGALY, familial & genetic/ HUMAN/ INFANT/ MALE/ MESODERM, pathology/ MUSCLE TONUS/ *MUSCULAR DISEASES, familial & genetic/ MYOCARDIUM, pathology/ *PERICARDITIS, CONSTRUCTIVE, complications/ PERICARDIUM, surgery/ PROGNOSIS/ SYNDROME/ VENOUS PRESSURE
- U
4615. Udawadia FE: Editorial: Bronchial asthma. J Assoc Physicians India 21:75-7, Jan 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ASTHMA, etiology/ ASTHMA, immunology/ ASTHMA, metabolism/ HUMAN/ IGE
4616. Ueda G, Moy P, Furth J: Multihormonal activities of normal and neoplastic pituitary cells as indicated by immunohistochemical staining. Int J Cancer 12:100-14, 15 Jul 73
ADENOMA, pathology/ ANIMAL EXPERIMENTS/ FSH, metabolism/ GONADOTROPINS, metabolism/ GONADOTROPINS, CHORIONIC, metabolism/ HISTOCYTOCHEMISTRY/ IMMUNE SERUMS/ LH, metabolism/ *MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ MICE/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, metabolism/ *PITUITARY HORMONES, ANTERIOR, metabolism/ PITUITARY NEOPLASMS, pathology/ PROLACTIN, metabolism/ RABBITS, immunology/ RADIATION EFFECTS/ RATS/ SOMATOTROPIN, metabolism/ STAINS AND STAINING/ THYROID GLAND, radiation effects/ *THYROID NEOPLASMS, metabolism/ THYROTROPIN, metabolism/ TRANSPLANTATION, HOMOLOGOUS
4617. Uehlinger E: Skelettveränderungen bei entzündlich-rheumatischen Erkrankungen vom pathologisch-anatomischen Standpunkt. Verh Dtsch Ges Rheumatol 3:157-62, 1974 (Ger)
*ARTHRITIS, RHEUMATOID, pathology/ *BONE AND BONES, pathology/ CARTILAGE, ARTICULAR, pathology/ FEMALE/ FINGER JOINT/ FINGERS, pathology/ GRANULATION TISSUE, pathology/ HUMAN/ INTERVERTEBRAL DISK, pathology/ *JOINT DISEASES, pathology/ MALE/ OSTEOCLASTS, physiology/ PERIOSTEUM, pathology/ SYNOVIAL FLUID, physiology
4618. Uemura K, Nicolotti RA, Six HR, et al: Antibody formation in response to liposomal model membranes sensitized with N-substituted phosphatidylethanolamine derivatives. Biochemistry 13:1572-8, 9 Apr 74
AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *ANTIBODY FORMATION/ ANTIGENS/ *CEPHALINS/ CHOLESTEROL/ COMPLEMENT/ ERYTHROCYTES, drug effects/ FLUORESCINS/ FLUORESCINS, pharmacodynamics/ GUINEA PIGS, immunology/ HAPTENS/ HEMAGGLUTINATION TESTS/ *LIPOSOMES/ MODELS, CHEMICAL/ MOLECULAR WEIGHT/ *NITROBENZENES/ NITROBENZENES, pharmacodynamics/ RABBITS/ SPHINGOMYELINS/ STRUCTURE-ACTIVITY RELATIONSHIP/ THIOCYANATES
4619. Uesaka N, Kamino K, Irimajiri A, et al: Proceedings: 243. Effects on Ca²⁺-binding of isolated synaptosomes of Mg²⁺ and La³⁺. J Physiol Soc Jap 35:484, Aug-Sep 73
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ IN VITRO/ *LANTHANUM, pharmacodynamics/ *MAGNESIUM, pharmacodynamics/ SPECTROPHOTOMETRY/ SYNAPTOSOMES, drug effects/ *SYNAPTOSOMES, metabolism
4620. Uhlíř K, Hanselová M: Kyselina citronová a hyperparatyreóza. Předběžné sdělení. Bratisl Lek Listy 61:436-41, 1974 (Cze)
CALCIUM, metabolism/ *CITRATES, metabolism/ ENGLISH ABSTRACT/ HUMAN/ HYPERPARATHYROIDISM, diagnosis/ *HYPERPARATHYROIDISM, metabolism/ *PARATHYROID HORMONE, pharmacodynamics/ PHOSPHORUS, metabolism
4621. Ule G, Völkl A, Berlet H: Spurenelemente im menschlichen Gehirn. II. Kupfer-, Zink-, Calcium- und Magnesiumkonzentration in 13 verschiedenen Hirnregionen während der 4. bis 8. Lebensdekade im Vergleich zum Hirnleisen. Z Neurol 206:117-28, 27 Feb 74 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AMYGDALOID BODY, analysis/ *BRAIN CHEMISTRY/ *CALCIUM, analysis/ CEREBRAL CORTEX, analysis/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ *COPPER, analysis/ CORPUS STRIATUM, analysis/ ENGLISH ABSTRACT/

AUTHOR SECTION

HIPPOCAMPUS, analysis/ HUMAN/ *IRON, analysis/ *MAGNESIUM, analysis/ MIDDLE AGE/ OLIVARY NUCLEUS, analysis/ RED NUCLEUS, analysis/ SUBSTANTIA NIGRA, analysis/ THALAMUS, analysis/ *TRACE ELEMENTS, analysis/ *ZINC, analysis

4622. Ulianov AM, Kudriashov BA, Liapina LA: Kompleksobrazovanie geparina s fibrinostabiliziru-iushchim faktorom plazmy in vitro. Biokhimiia 38:1281-7, Nov-Dec 73 (Rus)
AGGLUTINATION TESTS/ AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DRUG INTERACTIONS/ DRUG STORAGE/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ FACTOR XIII, analysis/ *FACTOR XIII, pharmacodynamics/ FIBRIN, analysis/ FIBRINOGEN, pharmacodynamics/ FIBRINOLYSIS, drug effects/ HEPARIN, analysis/ *HEPARIN, pharmacodynamics/ IN VITRO/ SEROTONIN, pharmacodynamics/ SPECTROPHOTOMETRY, ULTRAVIOLET/ ULTRACENTRIFUGATION

4623. Ullmann A: Are cyclic AMP effects related to real physiological phenomena? Biochem Biophys Res Commun 57:348-52, 25 Mar 74
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BACILLUS MEGATERIUM, drug effects/ BACILLUS MEGATERIUM, enzymology/ *BACILLUS MEGATERIUM, metabolism/ CHLORAMPHENICOL/ COMPARATIVE STUDY/ ENZYME INDUCTION/ GALACTOSE, metabolism/ GALACTOSIDASE, biosynthesis/ GLUCOSE, metabolism/ GLYCERIN, metabolism/ ULTRASONICS

4624. Ulmar G, Whittaker VP: Immunological approach to the characterization of cholinergic vesicular protein. J Neurochem 22:451-4, Mar 74
ADRENAL MEDULLA/ ANIMAL EXPERIMENTS/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ *ELECTRIC ORGAN, analysis/ ELECTRIC ORGAN, cytology/ ELECTRIC ORGAN, immunology/ EVALUATION STUDIES/ FISHES/ FROGS/ GEL DIFFUSION TESTS/ METHODS/ MICROSCOPY, ELECTRON/ *NERVE TISSUE PROTEINS, analysis/ RABBITS, immunology/ *SYNAPTIC VESICLES, analysis/ SYNAPTIC VESICLES, immunology/ SYNAPTOSOMES

4625. Umezawa H, Miyano T, Murakami T, et al: Letter: Hydroxypeptatin, a new peptatin produced by Streptomyces. J Antibiot (Tokyo) 26:615-7, Oct 73
CATHEPSIN, antagonists & inhibitors/ CHEMISTRY/ FERMENTATION/ *OLIGOPEPTIDES, isolation & purification/ *PEPSIN, antagonists & inhibitors/ RENIN, antagonists & inhibitors/ SPECTROPHOTOMETRY, INFRARED/ SPECTRUM ANALYSIS, MASS/ STREPTOMYCES, analysis/ *STREPTOMYCES, metabolism

4626. Unger RH: Alpha- and beta-cell interrelationships in health and disease. Metabolism 23:581-93, Jun 74 (88 ref.)
ADRENAL CORTEX HORMONES, administration & dosage/ AMINO ACIDS, administration & dosage/ AMINO ACIDS, blood/ BLOOD SUGAR/ BRAIN, metabolism/ CARBOHYDRATES, metabolism/ CEREBROVASCULAR CIRCULATION/ DIABETES MELLITUS, familial & genetic/ DIETARY CARBOHYDRATES/ DIETARY FATS, administration & dosage/ DIETARY PROTEINS, administration & dosage/ DOGS/ EXERTION/ GLUCAGON, blood/ *GLUCAGON, physiology/ GLUCAGON, secretion/ GLUCOSE, metabolism/ HUMAN/ HYPOGLYCEMIA, metabolism/ INSULIN, blood/ *INSULIN, physiology/ *ISLANDS OF LANGERHANS, cytology/ LIVER, metabolism/ NUTRITION

DISORDERS, therapy/ RATS/ REVIEW/ STARVATION, metabolism

4627. Ungerstedt U: Selective lesions of central catecholamine pathways: application in functional studies. Neurosci Res 5:73-96, 1973 (88 ref.)
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ APOMORPHINE, pharmacodynamics/ BRAIN, anatomy & histology/ BRAIN, cytology/ BRAIN, drug effects/ *BRAIN, metabolism/ *CATECHOLAMINES, metabolism/ COMPARATIVE STUDY/ CORPUS STRIATUM, cytology/ CORPUS STRIATUM, drug effects/ CORPUS STRIATUM, metabolism/ DOPA, pharmacodynamics/ DOPAMINE, metabolism/ HISTOCYTOCHEMISTRY/ HYDROXYDOPAMINE, metabolism/ MALE/ NOREPINEPHRINE, metabolism/ REVIEW/ SEROTONIN, metabolism/ SPECTROMETRY, FLUORESCENCE/ STEREOTAXIC TECHNIQS

4628. Unsicker K: Einige Befunde zur Innervation der Vogelnebbenniere. Verh Anat Ges 67:225-8, 1972 (Ger)
*ADRENAL GLANDS, innervation/ ANIMAL EXPERIMENTS/ *BIRDS/ ENGLISH ABSTRACT/ *GANGLIA, AUTONOMIC/ SYNAPTIC MEMBRANES

4629. Uphoff DE: Maternal influence on responsiveness of multiparous mice to the antigenic characteristics of their male progeny. J Natl Cancer Inst 52:1843-7, Jun 74
ANIMAL EXPERIMENTS/ *BONE MARROW, immunology/ BONE MARROW CELLS, transplantation/ FEMALE/ *FETUS, immunology/ *HISTOCOMPATIBILITY/ *HISTOCOMPATIBILITY ANTIGENS/ ISOANTIGENS/ MALE/ *MATERNAL-FETAL EXCHANGE/ MICE, INBRED C3H/ MICE, INBRED C57BL/ MICE, INBRED DBA/ MICE, INBRED STRAINS/ OVUM, transplantation/ PARITY/ RADIATION INJURIES, EXPERIMENTAL/ *SEX CHROMOSOMES, immunology/ SEX FACTORS/ TRANSPLANTATION, HOMOLOGOUS

4630. Upton GV, Corbin A: Hypothesis: hypothalamic dysfunction and lipotrophic diabetes. Yale J Biol Med 46:314-23, Oct 73 (43 ref.)
ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ ANTIDIABETICS, therapeutic use/ BIOGENIC AMINES/ CATECHOLAMINES, antagonists & inhibitors/ CORTICOTROPIN, pharmacodynamics/ CORTICOTROPIN RELEASING HORMONE, blood/ DIABETES MELLITUS, drug therapy/ DIABETES MELLITUS, metabolism/ *DIABETES MELLITUS, physiopathology/ DOPAMINE, biosynthesis/ DOPAMINE, pharmacodynamics/ DOPAMINE BETA HYDROXYLASE, blood/ DOPAMINE BETA HYDROXYLASE, metabolism/ FEEDBACK/ FSH, blood/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, metabolism/ *HYPOTHALAMUS, physiopathology/ LH, blood/ MELANIN, metabolism/ MSH, blood/ NEUROSECRETORY SYSTEMS, drug effects/ NOREPINEPHRINE, biosynthesis/ NOREPINEPHRINE, pharmacodynamics/ PIGMENTATION/ PITUITARY HORMONES, ANTERIOR, secretion/ REVIEW/ TYROSINE, metabolism/ TYROSINE, pharmacodynamics

4631. Urban E, Pena M: In vivo calcium transport by rat small intestine after massive small bowel resection. Am J Physiol 226:1304-8, Jun 74
ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *CALCIUM, metabolism/ DUODENUM, physiology/ ILEUM, physiology/ *INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, metabolism/ *INTESTINE, SMALL, physiology/ INTESTINE, SMALL, surgery/ MALE/ ORGAN WEIGHT/ PERFUSION

AUTHOR SECTION

4632. Uribe A, Holick MF, Jorgensen NA, et al: Action of Solanum malacoxylon on calcium metabolism in the rat. *Biochem Biophys Res Commun* 58:257-62, 7 May 74
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BONE AND BONES, drug effects/ BONE AND BONES, metabolism/ *CALCIUM, metabolism/ CHOLECALCIFEROL, pharmacodynamics/ COMPARATIVE STUDY/ INTESTINES, drug effects/ *INTESTINES, metabolism/ MALE/ PLANT EXTRACTS, pharmacodynamics/ *PLANTS/ RATS/ *VITAMIN D, pharmacodynamics/ *VITAMIN D DEFICIENCY, metabolism
4633. Uriel J, Loisliller F, Aussel C: T ratocarcinome humain: marquage cellulaire d'affinit  avec des oestrog nes triti s.
Nouv Presse Med 3:1213-5, 11 May 74 (Fre)
*ALPHA GLOBULIN, analysis/ ALPHA GLOBULIN, secretion/ AUTORADIOGRAPHY/ CELLS, analysis/ ENGLISH ABSTRACT/ ESTROGENS/ FEMALE/ *FETAL GLOBULINS, analysis/ FETAL GLOBULINS, secretion/ HUMAN/ MALE/ *OVARIAN NEOPLASMS, metabolism/ OVARIAN NEOPLASMS, pathology/ *TERATOID TUMOR, metabolism/ TERATOID TUMOR, pathology/ *TESTICULAR NEOPLASMS, metabolism/ TESTICULAR NEOPLASMS, pathology/ TRITIUM
4634. Urry DW: Arterial mesenchyme and arteriosclerosis. Studies on the conformation and interaction of elastin. *Adv Exp Med Biol* 43:211-43, 1974
ALANINE/ *ARTERIES, pathology/ *ARTERIOSCLEROSIS, pathology/ CALCIUM, metabolism/ CHEMISTRY/ *ELASTIN/ ELASTIN, analysis/ ELASTIN, biosynthesis/ GLYCINE/ LIPIDS, metabolism/ MICROSCOPY, ELECTRON/ NUCLEAR MAGNETIC RESONANCE/ PEPTIDES, analysis/ POTASSIUM, metabolism/ PROLINE/ TEMPERATURE/ VALINE/ VALINOMYCIN, pharmacodynamics/ X-RAY DIFFRACTION
4635. Urry RL, Frehn JL, Ellis LC: Control of rat testicular monoamine oxidase (MAO) activity: hypophysectomy, adrenalectomy, FSH, LH, prolactin, HCG and testosterone.
Acta Endocrinol (Kbh) 76:392-402, Jun 74
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ DEPRESSION, CHEMICAL/ FSH, pharmacodynamics/ *GONADOTROPINS, pharmacodynamics/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HYPOPHYSECTOMY/ LH, pharmacodynamics/ MALE/ MONOAMINE OXIDASE, biosynthesis/ *MONOAMINE OXIDASE, metabolism/ ORGAN WEIGHT/ *PITUITARY GLAND, physiology/ PROLACTIN, pharmacodynamics/ RATS/ SEROTONIN, metabolism/ STIMULATION, CHEMICAL/ TESTIS, anatomy & histology/ TESTIS, drug effects/ *TESTIS, enzymology/ TESTOSTERONE, biosynthesis/ TISSUE CULTURE
4636. Ustberg L, Lindblom JB, Peterson PA: Subunit structure of HL-A antigens on cell surface.
Nature 249:463-5, 31 May 74
AMINO ACID SEQUENCE/ ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENIC DETERMINANTS/ *BETA GLOBULIN/ BINDING SITES, ANTIBODY/ *CELL MEMBRANE, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FLUORESCENCE/ *GLOBULINS/ GOATS, immunology/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNOGLOBULINS, FAB/ ISOANTIGENS/ *LYMPHOCYTES, immunology/ RABBITS, immunology/ THIOCYANATES
4637. Usui T, Shimizu B, Amano D: [Dysfunction of phagocytosis with special reference to chronic granulomatous disease]
Jap J Clin Med 31:1051-75, May 73 (220 ref.) (Jap)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADRENAL CORTEX HORMONES, pharmacodynamics/ ANTIBIOTICS, pharmacodynamics/ CHEDIAK-HIGASHI SYNDROME/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HUMAN/ JAPAN/ LYSOSOMES, metabolism/ MICROSCOPY, ELECTRON/ OXIDOREDUCTASES, metabolism/ PEROXIDASES, metabolism/ PEROXIDES, biosynthesis/ *PHAGOCYTE BACTERICIDAL DYSFUNCTION/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, diagnosis/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, drug therapy/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, etiology/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, familial & genetic/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, occurrence/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, pathology/ PHAGOCYTES, metabolism/ REVIEW/ TETRAZOLIUM SALTS, diagnostic use/ TRYPTOPHAN, metabolism
4638. Uvn s B, Strandberg I: Rapport nr 20 fr n l kemedelbiverkningskommitt n:  versikt  ver  tta  rs verks mbet.
L kartidningen 71:2560-3, 19 Jun 74 (Swe)
ANTIBIOTICS, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HALOTHANE, adverse effects/ HEMATOLOGIC DISEASES, chemically induced/ HUMAN/ LIVER DISEASES, chemically induced/ MALE/ *PHARMACY AND THERAPEUTICS COMMITTEE/ SKIN DISEASES, chemically induced/ SWEDEN/ THROMBOEMBOLISM, chemically induced
4639. Uzbekova DG: Vliianie tiroksinovo  intoksikatsii zhivotnykh na uroven' vitamina E v serdechno  mysh ce. *Kardiologiya* 14:138-9, Apr 74 (Rus)
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG INTERACTIONS/ INJECTIONS, SUBCUTANEOUS/ MALE/ *MYOCARDIUM, analysis/ MYOCARDIUM, drug effects/ STIMULATION, CHEMICAL/ *THYROXINE, poisoning/ TIME FACTORS/ VITAMIN E, administration & dosage/ *VITAMIN E, analysis/ VITAMIN E DEFICIENCY, chemically induced

V

4640. Vaccarezza JR, Ruiz DC: The urinary metabolite of the catecholamines in asthma; its relation to the administration of corticosteroid hormones.
Ann Allergy 33:11-5, Jul 74
ASTHMA, drug therapy/ *ASTHMA, urine/ HUMAN/ *HYDROCORTISONE, therapeutic use/ SPECTROPHOTOMETRY/ *TRIAMCINOLONE, therapeutic use/ VANILLIN, analysis/ *VANILMANDELIC ACID, urine
4641. Vagenakis AG, Ingbar SH, Braverman LE: The relationship between thyroglobulin synthesis and intrathyroid iodine metabolism as indicated by the effects of cycloheximide in the rat.
Endocrinology 94:1669-80, Jun 74
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ *CYCLOHEXIMIDE, pharmacodynamics/ DIHODOTYROSINE, metabolism/ *IODIDES, metabolism/ *IODINE, metabolism/ IODINE RADIOISOTOPES/ IODOTYROSINE, metabolism/ KIDNEY, metabolism/ MALE/ RATS/ *THYROGLOBULIN, biosynthesis/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ THYROXINE, metabolism/ TRIHODOTHYRONINE, metabolism
4642. Valner H, Lukasiewicz H, Janneau C, et al: Biosynthetic activities in normal and pathological platelet populations.
Acta Univ Carol [Med Monogr] (Praha) 53:105-12, 1972
ADENOSINE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD

AUTHOR SECTION

PLATELET DISORDERS, blood/ BLOOD
PLATELETS/ BLOOD PLATELETS, anatomy
& histology/ BLOOD PLATELETS,
enzymology/ *BLOOD PLATELETS,
metabolism/ BLOOD PROTEINS, analysis/
CELL SURVIVAL/ CENTRIFUGATION,
DENSITY GRADIENT/ EPINEPHRINE,
pharmacodynamics/ GLUTAMATES,
pharmacodynamics/ GLYCOGEN, analysis/
GLYCOGEN SYNTHETASE, analysis/
HISTOCOMPATIBILITY ANTIGENS/ HUMAN/
LEUKEMIA, MYELOBLASTIC, blood/
LEUKEMIA, MYELOCYTIC, blood/ LYSINE,
pharmacodynamics/ PLATELET
ADHESIVENESS, drug effects/
PROSTAGLANDINS, pharmacodynamics/
PURPURA, THROMBOPENIC, blood/
THROMBIN, pharmacodynamics/
THROMBOPENIA, blood

4643. Valnio H, Hänninen O: A comparative study on drug hydroxylation and glucuronidation in liver microsomes of phenobarbital and 3-methylcholanthrene treated rats. *Acta Pharmacol Toxicol (Kbh)* 35:65-75, Jul 74
ANIMAL EXPERIMENTS/ ANISOLES/
CETYLPYRIDINIUM, pharmacodynamics/
COMPARATIVE STUDY/ COUMARINS,
metabolism/ CYTOCHROME P-450, metabolism/
DIGITONIN, pharmacodynamics/ DRUG
COMBINATIONS/ *ENZYME INDUCTION, drug
effects/ GLUCURONATES, metabolism/
*HYDROXYLASES, metabolism/
HYDROXYLATION/ MALE/
*METHYLCHOLANTHRENE,
pharmacodynamics/ *MICROSOMES, LIVER,
drug effects/ NITRO COMPOUNDS/
NITROPHENOLS, metabolism/
OXIDOREDUCTASES, metabolism/
*PHENOBARBITAL, pharmacodynamics/
PHOSPHOLIPASE, pharmacodynamics/
PROTEINS, metabolism/ STIMULATION,
CHEMICAL/ THIOCYANATES,
pharmacodynamics/ TRYPSIN,
pharmacodynamics/ UDP
GLUCURONOSYLTRANSFERASE, metabolism

4644. Valenta LJ: Effect of iodide and thyrotrophin on in vitro 14C-amino acid incorporation into rat thyroid proteins. *Acta Endocrinol (Kbh)* 76:273-85, Jun 74
*AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ ANTIGENS/ CARBON
RADIOISOTOPES/ CENTRIFUGATION,
DENSITY GRADIENT/ DEPRESSION,
CHEMICAL/ GAMMA GLOBULIN/ GOATS,
immunology/ IMMUNE SERUMS/ *IODIDES,
pharmacodynamics/ IODINE/ *IODOPROTEINS,
metabolism/ MALE/ RABBITS, immunology/
RADIOIMMUNOASSAY/ RATS/ SUCROSE/
THYROGLOBULIN, metabolism/ THYROID
GLAND, drug effects/ THYROID GLAND,
metabolism/ *THYROTROPIN,
pharmacodynamics/ TRICHLOROACETIC ACID,
metabolism

4645. Valenta LJ: Differential stability of iodine poor and iodine rich rat thyroglobulin. *Acta Endocrinol (Kbh)* 75:33-49, Jan 74
ALKYLATION/ ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ CENTRIFUGATION/
CHROMATOGRAPHY, PAPER/ COMPARATIVE
STUDY/ DEFICIENCY DISEASES/ DIET/ GEL
FILTRATION/ HYDROGEN-ION
CONCENTRATION/ *IODINE/ IODINE
RADIOISOTOPES/ MALE/
MERCAPTOETHANOL/ MOLECULAR
CONFORMATION/ OXIDATION-REDUCTION/
RATS/ *THYROGLOBULIN

4646. Valliquette G, Pesant P, Matte R: Coma myxoedemateux et hyponatrémie étiologique. *Union Med Can* 103:1082-90, Jun 74 (Fre)
*COMA, etiology/ ENGLISH ABSTRACT/
FEMALE/ HEART DISEASES, complications/
HUMAN/ HYPONATREMIA, drug therapy/
*HYPONATREMIA, etiology/
HYPOPIUITARISM, complications/ MALE/
*MYXEDEMA, complications/ MYXEDEMA,
diagnosis/ MYXEDEMA, drug therapy/
PSYCHOSES, etiology/ SEPTICEMIA,

complications/ SODIUM CHLORIDE,
therapeutic use/ THYROID HORMONES,
therapeutic use

4647. Van Baelen H, De Moor P: Immunochemical quantitation of human transcortin. *J Clin Endocrinol Metab* 39:160-3, Jul 74
COMPARATIVE STUDY/ *GEL DIFFUSION
TESTS/ GEL FILTRATION/ HUMAN/
HYDROCORTISONE, metabolism/ RABBITS,
immunology/ *TRANSCORTIN, blood
4648. Van Cauwenberge H, Focan C: Les états fébriles prolongés. *Rev Med Liege* 29:305-9, 1 Jun 74 (Fre)
ADRENAL CORTEX HORMONES, therapeutic
use/ ANALGESICS AND ANTIPYRETICS,
therapeutic use/ ANTIBIOTICS, therapeutic
use/ BACTERIAL INFECTIONS, complications/
FEVER, diagnosis/ FEVER, drug therapy/
FEVER, etiology/ *FEVER, physiopathology/
HUMAN/ IATROGENIC DISEASE/
INFLAMMATION, complications/ MYCOSES,
complications/ NEOPLASMS, complications/
NERVOUS SYSTEM DISEASES, complications/
PARASITIC DISEASES, complications/
THROMBOEMBOLISM, complications/ TIME
FACTORS
4649. Van Dame HC: Determination of steroid phosphates in formulations of creams, ointments, and solutions by blue tetrazolium reduction. *J Assoc Off Anal Chem* 57:731-4, May 74
ALKALINE PHOSPHATASE/
DEXAMETHASONE, analysis/ DRUG
STABILITY/ *GLUCOCORTICIDS, analysis/
HYDROLYSIS/ METHODS/ OINTMENTS,
analysis/ OXIDATION-REDUCTION/
PHOSPHATES, analysis/ SOLUTIONS/
*TETRAZOLIUM SALTS
4650. Vandamme JP: Glove starch peritonitis. *Acta Chir Belg* 73:333-40, May 74
ANTIBIOTICS, therapeutic use/
APPENDECTOMY/ FEMALE/ *GLOVES,
SURGICAL/ HUMAN/ HYDROCORTISONE,
therapeutic use/ HYSTERECTOMY/
*IATROGENIC DISEASE/ INTESTINAL
OBSTRUCTION, etiology/ INTESTINE, SMALL,
pathology/ MALE/ OMENTUM, surgery/
PERITONEUM, pathology/ PERITONITIS,
chemically induced/ PERITONITIS, diagnosis/
*PERITONITIS, etiology/ PERITONITIS,
pathology/ PERITONITIS, surgery/
POSTOPERATIVE CARE/ POSTOPERATIVE
COMPLICATIONS/ *STARCH, adverse effects
4651. Vandenberg G, DeVane G, Yen SS: Effects of exogenous estrogen and progestin on pituitary responsiveness to synthetic luteinizing hormone-releasing factor. *J Clin Invest* 53:1750-4, Jun 74
ADULT/ *CONTRACEPTIVES, ORAL,
pharmacodynamics/ DIMETHISTERONE,
pharmacodynamics/ DRUG COMBINATIONS/
DRUG SYNERGISM/ *ESTROGENS,
pharmacodynamics/ ETHINYL ESTRADIOL,
pharmacodynamics/ FEEDBACK/ FEMALE/
FSH, blood/ FSH, secretion/ HUMAN/ LH,
blood/ LH, secretion/ LH-FSH RELEASING
HORMONE, administration & dosage/ *LH-FSH
RELEASING HORMONE, pharmacodynamics/
MESTRANOL, pharmacodynamics/
NORETHINDRONE, pharmacodynamics/
NORGESTREL, pharmacodynamics/
*PITUITARY GLAND, drug effects/
PITUITARY GLAND, secretion/
*PROGESTERONE, pharmacodynamics/ TIME
FACTORS
4652. Vandeputte M, Sobis H, Billiau A, et al: In utero tumor induction by murine sarcoma virus (Moloney) in the rat. I. Biological characteristics. *Int J Cancer* 11:536-42, May 73
ABORTION, INDUCED/ ANIMAL
EXPERIMENTS/ CELL LINE/ CELLS,
CULTURED/ *DISGERMINOMA, pathology/
FEMALE/ MALE/ *MOLONEY VIRUS/
NEOPLASM TRANSPLANTATION/
PREGNANCY/ RATS/ *SARCOMA,
EXPERIMENTAL/ TRANSPLANTATION,
HOMOLOGOUS/ ULTRACENTRIFUGATION/

AUTHOR SECTION

- UTERINE NEOPLASMS, chemically induced/
*UTERINE NEOPLASMS, pathology/ UTERUS,
pathology/ VITELLINE MEMBRANE
4653. Vanderschueren-Lodeweyckx, Van den Berghe G, Proesmans W, et al: Dibutyl cyclic 3':5'-adenosine monophosphate in hypopituitarism and Silver-Russell syndrome. *Acta Paediatr Scand* 63:364-8, May 74
ANTIGENS/ BINDING, COMPETITIVE/ BLOOD SUGAR, metabolism/ *BONE DISEASES, DEVELOPMENTAL, blood/ *DIBUTYRYL CYCLIC AMP, pharmacodynamics/ FEMALE/ GUINEA PIGS, immunology/ HUMAN/ HYDROCORTISONE, blood/ HYPERTROPHY, blood/ HYPERTROPHY, congenital/ *HYPOPITUITARISM, blood/ HYPOPITUITARISM, drug therapy/ IMMUNE SERUMS/ INSULIN, blood/ MALE/ PUBERTY, PRECOCIOUS, blood/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood/ SOMATOTROPIN, therapeutic use/ STIMULATION, CHEMICAL/ SYNDROME
4654. Vangelista A, Stefoni S, Bonomini V: Effetti della globulina antilinfocitaria sulle lesioni isto-immunologiche e sul quadro clinico della nefropatia glomerulare dell'adulto. *Minerva Nefrol* 20:236-42, Jul-Oct 73 (Ita)
ADULT/ *ANTILYMPHOCYTE SERUM, therapeutic use/ AZATHIOPRINE, therapeutic use/ GLOMERULONEPHRITIS, drug therapy/ *GLOMERULONEPHRITIS, immunology/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MIDDLE AGE/ NEPHRITIS, drug therapy/ NEPHRITIS, immunology/ PREDNISONE, therapeutic use
4655. Van Pelt LF: Clinical assessment of reproductive function in female rhesus monkeys: individual physical examination. *Lab Anim* 8:199-212, May 74
AMENORRHEA, veterinary/ ANIMAL EXPERIMENTS/ CYSTS, veterinary/ ENDOMETRIOSIS, veterinary/ FEMALE/ *MACACA, physiology/ MENSTRUATION DISORDERS, veterinary/ *MONKEY DISEASES, diagnosis/ MONKEYS/ MUCOCLE, veterinary/ OVARIAN CYSTS, veterinary/ OVARY, anatomy & histology/ PALPATION/ *PHYSICAL EXAMINATION/ PREGNANCY/ PREGNANCY COMPLICATIONS, veterinary/ *REPRODUCTION/ STERILITY, FEMALE, veterinary/ TUBERCULOSIS, UROGENITAL, veterinary/ UTERINE DISEASES, veterinary/ UTERINE NEOPLASMS, veterinary/ UTERUS, anatomy & histology
4656. Van Thiel DH, Lester R: Editorial: Sex and alcohol. *N Engl J Med* 291:251-3, 1 Aug 74
ALCOHOL, ETHYL, pharmacodynamics/ ALCOHOL OXIDOREDUCTASES, metabolism/ *ALCOHOLISM, complications/ ALCOHOLISM, metabolism/ ANDROGENS, biosynthesis/ ANDROGENS, metabolism/ ANIMAL EXPERIMENTS/ ESTROGENS, metabolism/ *FEMINIZATION, etiology/ FEMINIZATION, metabolism/ HUMAN/ *LIVER, metabolism/ LIVER CIRRHOSIS, etiology/ LIVER CIRRHOSIS, metabolism/ MALE/ NAD, metabolism/ *SEX HORMONES, metabolism/ TESTIS, drug effects/ TESTIS, enzymology/ *TESTIS, metabolism/ VITAMIN A, metabolism
4657. Van Way CW 3d, Scott HW Jr, Page DL, et al: Pheochromocytoma. *Curr Probl Surg* 1:59, Jun 74 (161 ref.)
*ADRENAL GLAND NEOPLASMS, diagnosis/ ADRENAL GLAND NEOPLASMS, drug therapy/ ADRENAL GLAND NEOPLASMS, pathology/ ADRENAL GLAND NEOPLASMS, radiography/ ADRENAL GLAND NEOPLASMS, surgery/ ADRENAL GLAND NEOPLASMS, urine/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, therapeutic use/ CATECHOLAMINES, urine/ CHROMAFFIN SYSTEM/ FEMALE/ HUMAN/ MALE/ MYOCARDIAL DISEASES, SECONDARY, etiology/ NEOPLASM METASTASIS/ *PHEOCHROMOCYTOMA, diagnosis/ PHEOCHROMOCYTOMA, drug therapy/ PHEOCHROMOCYTOMA, pathology/ PHEOCHROMOCYTOMA, radiography/ PHEOCHROMOCYTOMA, surgery/ PHEOCHROMOCYTOMA, urine/ RENAL ARTERY OBSTRUCTION, etiology/ REVIEW/ VANILMANDELIC ACID, urine
4658. Van Woert MH, Sethy VH: Letter: Treatment of post-anoxic intention myoclonus. *Lancet* 1:1285, 22 Jun 74
ANOXIA, complications/ COMPARATIVE STUDY/ DRUG EVALUATION/ DRUG SYNERGISM/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ HYDRAZINES, administration & dosage/ *HYDRAZINES, therapeutic use/ HYDROXYTRYPTOPHAN, administration & dosage/ *HYDROXYTRYPTOPHAN, therapeutic use/ MALE/ METHYLDOPAHYDRAZINE, therapeutic use/ METHYSERGIDE, administration & dosage/ *METHYSERGIDE, therapeutic use/ *MYOCLONUS, drug therapy/ MYOCLONUS, etiology
4659. Varga JM, Dipasquale A, Pawelek J, et al: Regulation of melanocyte stimulating hormone action at the receptor level: discontinuous binding of hormone to synchronized mouse melanoma cells during the cell cycle. *Proc Natl Acad Sci USA* 71:1590-3, May 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BINDING SITES/ CELL DIVISION/ CELL LINE/ CELLS, CULTURED/ *DIPHENOL OXIDASES, metabolism/ IODINE RADIOISOTOPES/ MELANOMA, enzymology/ *MELANOMA, metabolism/ *MSH, metabolism/ NEOPLASMS, EXPERIMENTAL, metabolism/ POLYSACCHARIDES, pharmacodynamics/ PROTEIN BINDING/ *RECEPTORS, HORMONE/ TIME FACTORS/ TYROSINE
4660. Varga P, Faredin I, László F: Metastázáló masculinovoblastoma kezelése cyproteronacetáttal. *Orv Hetil* 115:1165-8, 19 May 74 (Hun)
ADRENAL GLAND NEOPLASMS, complications/ AGED/ *CYPROTERONE, therapeutic use/ FEMALE/ HIRSUTISM, etiology/ HUMAN/ HYSTERECTOMY/ *NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, complications/ *OVARIAN NEOPLASMS, drug therapy/ *VIRILISM, etiology
4661. Varkarakis M, Merrin C, Gaeta J, et al: Nonseminomatous testicular tumor. Comparison of treatment. *Urology* 3:684-8, Jun 74
AGE FACTORS/ CHORIOCARCINOMA/ *DISGERMINOMA/ DISGERMINOMA, mortality/ DISGERMINOMA, pathology/ DISGERMINOMA, radiotherapy/ DISGERMINOMA, surgery/ HUMAN/ LUNG NEOPLASMS/ LYMPH NODE EXCISION/ LYMPHATIC METASTASIS/ MALE/ NEOPLASM METASTASIS/ NEOPLASMS, MULTIPLE PRIMARY/ TERATOID TUMOR/ *TESTICULAR NEOPLASMS/ TESTICULAR NEOPLASMS, mortality/ TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, radiotherapy/ TESTICULAR NEOPLASMS, surgery
4662. Varma SK, Guraya SS: Histochemical observations on the granulosa (follicular) cells in the preovulatory and postovulatory follicles of garden lizard ovary. *Acta Anat (Basel)* 85:563-79, 1973
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, analysis/ EPITHELIAL CELLS/ FEMALE/ GRAAFIAN FOLLICLE, analysis/ *GRAAFIAN FOLLICLE, cytology/ GRANULATION TISSUE, cytology/ HISTOCYTOCHEMISTRY/ LIPIDS, analysis/ *LIZARDS, anatomy & histology/ MEMBRANES/ OVULATION
4663. Varnum DS, Stevens LC: Rachiterata: a new skeletal mutation on chromosome 2 of the mouse. *J Hered* 65:91-3, Mar-Apr 74
ANIMAL EXPERIMENTS/ *BONE AND BONES, abnormalities/ BONE DEVELOPMENT/ CHROMOSOME MAPPING/ *CHROMOSOMES/ CROSSES, GENETIC/ FEMALE/ GENES, RECESSIVE/ LINKAGE (GENETICS)/ MALE/

AUTHOR SECTION

MICE, INBRED STRAINS/ *MUTATION/
RECOMBINATION, GENETIC

4664. Vasilenko IIa, Klassovskii IuA, Krasnokutskii VM, et al: K voprosu o porazhaiushchem deistvii povtorno gamma-oblucheniia v sochetanii s mestnym oblucheniem shchitovidnoi zhelezy radioaktivnym I-131 s ucheto ot dalennykh posledstvi.

Radiobiologiya 14:251-6, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BODY WEIGHT/ DOGS/ ENGLISH ABSTRACT/ *IODINE RADIOISOTOPES/ ORGAN WEIGHT/ PHAGOCYTOSIS, radiation effects/ *RADIATION EFFECTS/ THYROID GLAND, cytology/ THYROID GLAND, physiology/ *THYROID GLAND, radiation effects

4665. Vasil'ev VN, Kikolov AI, Brodskaya TV, et al: Ekskretsiia katekholaminov v dnevnoe i nochnoe vremia pri dispetcherakof rabote. Gig Tr Prof Zabol 18:6-11, Feb 74 (Rus)
ADRENAL GLANDS, physiopathology/ *CIRCADIAN RHYTHM/ ENGLISH ABSTRACT/ *EPINEPHRINE, urine/ HUMAN/ MALE/ *NOREPINEPHRINE, urine/ OCCUPATIONS/ *RAILROADS/ *STRESS, PSYCHOLOGICAL, physiopathology/ SYMPATHETIC NERVOUS SYSTEM, physiopathology/ TIME FACTORS

4666. Vasil'eva LE: Deistvie insulina i oksitotsina na lipoliticheskuiu aktivnost' zhirovoj tkani krya. Vopr Med Khim 20:265-8, May 74 (Rus)
*ADIPOSE TISSUE, drug effects/ ALLOXAN DIABETES, drug therapy/ ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ EPIDIDYMS, drug effects/ FATTY ACIDS, NONESTERIFIED, antagonists & inhibitors/ FATTY ACIDS, NONESTERIFIED, blood/ GELS/ IN VITRO/ *INSULIN, pharmacodynamics/ *LIPIDS, metabolism/ MALE/ *OXYTOCIN, pharmacodynamics/ SILICA

4667. Vasilades J, Siegel A: A simplified and rapid direct method for the determination of triiodothyronine in human serum. Ala J Med Sci 10:439-44, Oct 73
ANILINO NAPHTHALENESULFONATES/ HUMAN/ METHODS/ RADIOIMMUNOASSAY/ THYROXINE-BINDING PROTEIN/ *TRIIODOTHYRONINE, blood

4668. Vasin MV, Antipov VV, Suvorov NN, et al: Protivoluchevye svoistva diserotoninovykh efirov dikarbonovykh kislot. Radiobiologiya 14:242-6, Mar-Apr 74 (Rus)
ACYLATION/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ ESTERS/ FEMALE/ MICE/ *RADIATION INJURIES, EXPERIMENTAL, drug therapy/ *RADIATION-PROTECTIVE AGENTS, therapeutic use/ *SEROTONIN, therapeutic use

4669. Vastesaegeer M, Biaton V, Declercq B, et al: Comparative treatment of hyperlipoproteinaemias in chimpanzees. Acta Zool Pathol Antverp 58:79-96, 1974
ANIMAL EXPERIMENTS/ *CHIMPANZEES/ CHOLESTEROL, blood/ CLOFIBRATE/ COMPARATIVE STUDY/ DIET, ATHEROGENIC/ FATTY ACIDS, blood/ FEMALE/ HYPERLIPEMIA, drug therapy/ HYPERLIPEMIA, etiology/ *HYPERLIPEMIA, veterinary/ *LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ NEOMYCIN, therapeutic use/ PHOSPHOLIPIDS, blood/ SITOSTEROLS, therapeutic use/ THYROXINE, therapeutic use/ TRIGLYCERIDES, blood

4670. Vedenko BG, Pivovarov FI, Rybinnik IM, et al: Opyt primeneniia elektrentgenografi v khirurgii. Klin Khir 4:54-6, Apr 74 (Rus)
*BONE AND BONES, radiography/ COMPARATIVE STUDY/

*ELECTRODIAGNOSIS, instrumentation/
HUMAN/ SELENIUM/ *SURGERY,
OPERATIVE/ *TECHNOLOGY, RADIOLOGIC

4671. Venger PL: O vnutriglaznom davlenii pri retsidivnom endemicheskom zobe. Oftalmol Zh 29:118-20, 1974 (Rus)

COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, ENDEMIC, physiopathology/ GOITER, ENDEMIC, surgery/ HUMAN/ *INTRAOCULAR PRESSURE/ MALE/ TONOMETRY

4672. Ventz M, Meng W, Schwesinger G: Endokrine Polyadenomatose mit akutem Hyperparathyreoidismus. Z Aerzt Fortbild (Jena) 67:1238-42, 15 Dec 73 (Ger)

*ADENOMATOSIS, FAMILIAL ENDOCRINE, complications/ ADENOMATOSIS, FAMILIAL ENDOCRINE, pathology/ ADENOMATOSIS, FAMILIAL ENDOCRINE, surgery/ ADRENAL GLANDS, pathology/ AUTOPSY/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, pathology/ PANCREAS, pathology/ PARATHYROID GLANDS, pathology/ THYROID GLAND, pathology

4673. Venza-Teti D: Effect of ovariectomy on tritiated thymidine incorporation into DNA of 'non-target' organs of the mouse. Horm Res 5:187-92, 1974

ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ AORTA, metabolism/ BLADDER, metabolism/ BONE AND BONES, metabolism/ CASTRATION/ *DNA, biosynthesis/ FEMALE/ INTESTINE, SMALL, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ LYMPH NODES, metabolism/ MAMMAE, metabolism/ MUSCLES, metabolism/ ORGAN SPECIFICITY/ *OVARY, physiology/ PANCREAS, metabolism/ SKIN, metabolism/ SPLEEN, metabolism/ SUBMANDIBULAR GLAND, metabolism/ *THYMIDINE, metabolism/ TRITIUM/ UTERUS, metabolism/ VAGINA, metabolism

4674. Verenich GI, Kalluzhin GA: Polovoe razvitiie sel'skikh shkol'nikov Polesia. Pediatrla 3:70, Mar 74 (Rus)
ADOLESCENCE/ AGE FACTORS/ CHILD/ FEMALE/ GROWTH/ HUMAN/ MALE/ MENARCHE/ *PUBERTY/ RURAL HEALTH/ RUSSIAN FEDERATION (EUROPE)/ SEX FACTORS

4675. Veress B, Malik OM, Satir A, et al: A Burkitt-lymphoma morfológiajáról. 25 szudáni eset ismertetése és irodalmi áttekintése. Morphol Igazsagugyl Orv Sz 14:122-8, Apr 74 (Hun)

ADOLESCENCE/ AGE FACTORS/ AUTOPSY/ BIOPSY/ BURKITT'S LYMPHOMA, etiology/ *BURKITT'S LYMPHOMA, occurrence/ BURKITT'S LYMPHOMA, pathology/ CHILD/ CHILD, PRESCHOOL/ CYTODIAGNOSIS/ ENGLISH ABSTRACT/ FEMALE/ HISTIOCYTES, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ KIDNEY NEOPLASMS, pathology/ MALE/ OVARIAN NEOPLASMS, pathology/ SUDAN

4676. Verhoeven AT: Galactorroe; diagnostische en therapeutische aspecten. Ned Tijdschr Geneesk 118:864-72, 8 Jun 74 (Dut)

DOPA, therapeutic use/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ LACTATION/ *LACTATION DISORDERS, diagnosis/ LACTATION DISORDERS, drug therapy/ LACTATION DISORDERS, etiology/ PROGESTATIONAL HORMONES, therapeutic use

4677. Vermes I, Molnár D, Telegdy G: Hypothalamic serotonin content and pituitary-adrenal function following hypothalamic deafferentation. Acta Physiol Acad Sci Hung 43:239-45, 1973

ANIMAL EXPERIMENTS/ *CORTICOSTERONE, blood/ DENERVATION/ ETHERS, pharmacodynamics/ *HYPOTHALAMUS, metabolism/ MALE/ NEURONS, AFFERENT, physiology/ *PITUITARY-ADRENAL SYSTEM/ RATS/ *SEROTONIN, metabolism/ STRESS

AUTHOR SECTION

4678. Vernikos-Danellis J, Berger P, Barchas JD: Brain serotonin and pituitary-adrenal function. *Prog Brain Res* 39:301-10, 1973
*ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ HUMAN/ *PITUITARY GLAND, physiology/ RATS/ SEROTONIN, metabolism/ *SEROTONIN, physiology
4679. Verreschi IN, França Neto AG de: Determinações de PBI e T3. *Rev Paul Med* 82:129-32, Sep-Oct 73 (Por)
ACROMEGALY, diagnosis/ CUSHING'S SYNDROME, diagnosis/ DIABETES INSIPIDUS, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ MALE/ *PROTEIN-BOUND IODINE TEST/ THYROID DISEASES, diagnosis/ *THYROID GLAND, physiology/ *TRIIODOTHYRONINE, blood
4680. Verrier B, Fayet G, Lissitzky S: Thyrotropin-binding properties of isolated thyroid cells and their purified plasma membranes. Relation of thyrotropin-specific binding to adenylate-cyclase activation. *Eur J Biochem* 42:355-65, 1 Mar 74
*ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ CELLS, CULTURED/ CENTRIFUGATION, DENSITY GRADIENT/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ GEL FILTRATION/ IODINE RADIOISOTOPES/ KINETICS/ MATHEMATICS/ MICROSCOPY, ELECTRON/ PHOSPHORUS RADIOISOTOPES/ PROTEIN BINDING/ *RECEPTORS, HORMONE/ SWINE/ THYROID GLAND, cytology/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ *THYROTROPIN, metabolism/ THYROTROPIN, pharmacodynamics
4681. Verwer MA: Het ulcus rodens corneae van de hond. *Tijdschr Diergeneesk* 97:5-14, 1 Jan 72 (Dut)
ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ ANTIBIOTICS, therapeutic use/ ATROPINE, therapeutic use/ CORNEAL ULCER, therapy/ *CORNEAL ULCER, veterinary/ DIET THERAPY/ *DOG DISEASES, etiology/ ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ MALE/ SEASONS/ SOLUTIONS/ VITAMINS
4682. Verzeano M, Mahnke JH: Serotonin and thalamic synchronization. *Physiol Behav* 9:649-53, Oct 72
ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ CARBACHOL, pharmacodynamics/ CORTICAL DESYNCHRONIZATION/ CORTICAL SYNCHRONIZATION/ DEPRESSION, CHEMICAL/ *ELECTROENCEPHALOGRAPHY/ MICROELECTRODES/ *NEURONS, drug effects/ NEURONS, physiology/ *SEROTONIN, pharmacodynamics/ SLEEP/ STIMULATION, CHEMICAL/ THALAMIC NUCLEI, drug effects/ THALAMIC NUCLEI, physiology/ *THALAMUS, drug effects/ WAKEFULNESS
4683. Vetter H, Berger M, Armbruster H, et al: Episodic secretion of aldosterone in primary aldosteronism: relationship to cortisol. *Clin Endocrinol (Oxf)* 3:41-8, Jan 74
*ADRENAL GLANDS, secretion/ ALDOSTERONE, blood/ *ALDOSTERONE, secretion/ CIRCADIAN RHYTHM/ CORTICOTROPIN, secretion/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, pharmacodynamics/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ *HYPERALDOSTERONISM, physiology/ MALE/ RENIN, blood
4684. Vetter W, Armbruster H, Tschudi B, et al: Production of antisera specific to aldosterone: effect of hapten density and of carrier proteins. *Steroids* 23:741-56, May 74
*ALDOSTERONE/ ALDOSTERONE, analysis/ ANTIBODIES/ COMPARATIVE STUDY/ CROSS REACTIONS/ EVALUATION STUDIES/ HAPTENS/ *IMMUNE SERUMS/ METHODS/ MOLECULAR WEIGHT/ OXIMES/ PROTEIN BINDING/ RABBITS, immunology/ SERUM ALBUMIN, BOVINE/ TIME FACTORS/ TRITIUM
4685. Vetter W, Zaruba K, Armbruster H, et al: Plasmaaldosteron und Plasma-Reninaktivität unter Hämodialyse. *Verh Dtsch Ges Inn Med* 79:763-7, 1973 (Ger)
*ALDOSTERONE, blood/ *HEMODIALYSIS/ HUMAN/ HYPERTENSION/ POTASSIUM, blood/ *RENIN, blood/ TIME FACTORS
4686. Vetulani J, Reichenberg K, Wisniewska G, et al: The effect of dopamine-beta-hydroxylase inhibitors, dimethylphenylthiourea and fusaric acid, on locomotor and exploratory activity, body temperature, and regional distribution of biogenic amines in the rat brain. *Pol J Pharmacol Pharm* 25:559-72, Nov-Dec 73
ANIMAL EXPERIMENTS/ BODY TEMPERATURE, drug effects/ BRAIN, drug effects/ *BRAIN, metabolism/ CORPUS STRIATUM, metabolism/ DEPRESSION, CHEMICAL/ DIMETHYLAMINES, pharmacodynamics/ DOPAMINE, metabolism/ *DOPAMINE BETA HYDROXYLASE, antagonists & inhibitors/ *EXPLORATORY BEHAVIOR, drug effects/ HIPPOCAMPUS, metabolism/ HYPOTHALAMUS, metabolism/ HYPOTHERMIA, INDUCED/ MALE/ MEDULLA OBLONGATA, metabolism/ *MOTOR ACTIVITY, drug effects/ NOREPINEPHRINE, metabolism/ *PHENYLTHIOUREA, pharmacodynamics/ *PICOLINIC ACIDS, pharmacodynamics/ PONS, metabolism/ SEROTONIN, metabolism/ THALAMUS, metabolism
4687. Vézinhel A: Influence de l'hypophysectomie et de traitements à l'hormone somatotrope bovine sur la croissance relative de l'agneau. *Ann Biol Anim Blochim Biophys* 13:51-73, 1973 (Fre)
ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, growth & development/ AGING/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BONE AND BONES, drug effects/ BONE DEVELOPMENT/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HYPOPHYSECTOMY/ LIVER, drug effects/ LIVER, growth & development/ MALE/ MATHEMATICS/ MUSCLES, drug effects/ MUSCLES, physiology/ ORGAN SPECIFICITY/ ORGAN WEIGHT/ *PITUITARY GLAND, physiology/ *SHEEP, growth & development/ *SOMATOTROPIN, pharmacodynamics/ TIME FACTORS
4688. Vialli M: Metodi morfometrici indiretti per conteggi e per percentuali volumetriche. *Mikroskopia* 30:87-90, Apr 74 (Ita)
ANIMAL EXPERIMENTS/ *BONE AND BONES, anatomy & histology/ BONE AND BONES, cytology/ CATS/ ENGLISH ABSTRACT/ HARDNESS TESTS/ HAVERSIAN SYSTEM/ *MICROSCOPY
4689. Vianello MG, Bonfili E: Importanza dell'identificazione delle bande Q et G nella citogenetica umana. *Minerva Pediatr* 26:514-24, 24 Mar 74 (Ita)
AUTOSOME ABNORMALITIES, diagnosis/ *CHROMOSOME ABNORMALITIES, diagnosis/ *CHROMOSOME MAPPING/ CYTOGENETICS/ ENGLISH ABSTRACT/ HUMAN/ KARYOTYPING/ SEX CHROMOSOME ABNORMALITIES, diagnosis
4690. Victor SJ, Baumgarten HG, Lovenberg W: Depletion of tryptophan hydroxylase by 5,6-dihydroxytryptamine in rat brain. Time course and regional differences. *J Neurochem* 22:541-6, Apr 74
ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CORPORA QUADRIGEMINA, enzymology/ DEPRESSION, CHEMICAL/ DOPAMINE, pharmacodynamics/ *HYDROXYLASES, metabolism/

AUTHOR SECTION

HYPOTHALAMUS, enzymology/ INJECTIONS/
MALE/ RATS/ SEPTUM PELLUCIDUM,
enzymology/ SPINAL CORD, enzymology/
TIME FACTORS/ *TRYPTAMINES,
pharmacodynamics/ TRYPTOPHAN
HYDROXYLASE, metabolism/ TYRAMINE,
pharmacodynamics

4691. Vidal López F: Hipertiroidismo y anestesia.
Rev Esp Anestesiol Reanim 21:97-111, Mar 74 (Spa)
*ANESTHESIA/ ANESTHETICS,
pharmacodynamics/ ARRRHYTHMIA, etiology/
HEART ENLARGEMENT, etiology/ HUMAN/
*HYPERTHYROIDISM/ HYPERTHYROIDISM,
complications/ HYPOTENSION, CONTROLLED/
POSTOPERATIVE COMPLICATIONS/
PREANESTHETIC MEDICATION/
PREOPERATIVE CARE/ *SURGERY,
OPERATIVE/ THYROID GLAND, drug effects

4692. Vigaš M, Németh S, Jurčovičová J: Effect of trauma on
insulin response to glucose in thyroidectomized rats.
Endocrinol Exp (Bratisl) 8:147-51, Jun 74
ADRENAL GLANDS, physiology/ ANIMAL
EXPERIMENTS/ EPINEPHRINE,
pharmacodynamics/ *GLUCOSE,
pharmacodynamics/ INSULIN, blood/
*INSULIN, secretion/ *ISLANDS OF
LANGERHANS, secretion/ *THYROIDECTOMY/
*WOUNDS AND INJURIES, physiopathology

4693. Vihriälä A, Vuopala S: Kontinuerlig lägdosbehandling
med gestagen.
Läkartidningen 71:2137-8, 22 May 74 (Swe)
ADULT/ AMENORRHEA, chemically induced/
*CONTRACEPTIVES, ORAL, administration &
dosage/ CONTRACEPTIVES, ORAL, adverse
effects/ CONTRACEPTIVES, ORAL,
pharmacodynamics/ DEPRESSION, CHEMICAL/
FEMALE/ HUMAN/ LIPIDS, blood/
MENSTRUATION, drug effects/
*NORETHINDRONE, administration & dosage/
NORETHINDRONE, adverse effects/
NORETHINDRONE, pharmacodynamics/
PREGNANCY/ STIMULATION, CHEMICAL/
TIME FACTORS

4694. Vijayakumar ST, Kurup PA: Effect of massive doses of
vitamin D2 on glycosaminoglycan levels of aorta in
normal and high fat-cholesterol diet fed rats.
Indian J Biochem Biophys 10:273-5, Dec 73
ANIMAL EXPERIMENTS/ *AORTA, analysis/
AORTA, enzymology/ *CHOLESTEROL,
DIETARY/ *DIETARY FATS/
*ERGOCALCIFEROL, toxicity/ LIPIDS,
analysis/ LIPOPROTEIN LIPASE, analysis/
LIVER, enzymology/ MALE/
*MUCOPOLYSACCHARIDES, analysis/
MYOCARDIUM, enzymology

4695. Vijayan E: In vivo incorporation of L-(3H)arginine into
proteins of anterior pituitary gland and hypothalamus
of intact and castrated rats.
Brain Res 72:241-50, 7 Jun 74
ANIMAL EXPERIMENTS/ *ARGININE,
metabolism/ AUTORADIOGRAPHY/
*CASTRATION/ *CEREBRAL CORTEX,
metabolism/ DIETHYLSTILBESTROL,
pharmacodynamics/
*HYPOTHALAMO-HYPOPHYSEAL SYSTEM,
metabolism/ MALE/ *NERVE TISSUE
PROTEINS, biosynthesis/ TRITIUM

4696. Vik-Mo H, Sorlie D, Selp T: Operativ behandling av
thyreotoksikose. En etterundersøkelse av 61 opererte
pasienter.
Tidsskr Nor Laegeforen 94:980-1, 30 May 74 (Nor)
FEMALE/ FOLLOW-UP STUDIES/ *GOITER,
EXOPHTHALMIC, surgery/ HUMAN/
HYPOTHYROIDISM, etiology/ MALE/
RECURRENCE/ THYROIDECTOMY, adverse
effects/ TIME FACTORS

4697. Vikha IV, Khorlin AIA: Rol' karbodsil'nykh grupp
substrata i inhibitorov v ferment-substratnom i
ferment-inhibitornom vzaimodelstvii gialuronidaz.
Biokhimiia 38:1237-42, Nov-Dec 73 (Rus)
ALGINATES, pharmacodynamics/
*CARBOXYLIC ACIDS, pharmacodynamics/
DRUG INTERACTIONS/ ENGLISH

ABSTRACT/ ENZYME REPRESSION, drug
effects/ FREE RADICALS/ HEPARIN,
pharmacodynamics/ HUMAN/ HYALURONIC
ACID, pharmacodynamics/ HYALURONIDASE,
antagonists & inhibitors/ HYALURONIDASE,
blood/ *HYALURONIDASE, pharmacodynamics/
HYDROLYSIS/ KINETICS/ MALE/ METHYL
ETHERS, pharmacodynamics/ MOLECULAR
CONFORMATION/ STRUCTURE-ACTIVITY
RELATIONSHIP/ TESTIS, enzymology/
UMBILICAL CORD

4698. Villadiu Quemada P: Hormonoterapia aditiva en el
cáncer de mama.
Rev Clin Esp 132:467-72, 15 Mar 74 (Spa)
ANDROGENS, adverse effects/ *ANDROGENS,
therapeutic use/ *BREAST NEOPLASMS, drug
therapy/ DRUG EVALUATION/ ESTROGENS,
adverse effects/ *ESTROGENS, therapeutic
use/ FEMALE/ HUMAN/ PROGESTATIONAL
HORMONES, adverse effects/
*PROGESTATIONAL HORMONES, therapeutic
use/ REMISSION

4699. Vilberg TR, Revland FB, Beatty WW: Effects of
cyproterone acetate on growth and feeding in rats.
Pharmacol Biochem Behav 2:309-16, May 74
ADRENAL GLANDS, physiology/
ADRENALECTOMY/ ANIMAL EXPERIMENTS/
*BEHAVIOR, ANIMAL, drug effects/ BODY
HEIGHT/ BODY WEIGHT/ CASTRATION/
COMPARATIVE STUDY/ *CYPROTERONE,
pharmacodynamics/ *FEEDING BEHAVIOR,
drug effects/ FEMALE/ *GROWTH, drug
effects/ MALE/ ORGAN SPECIFICITY/
ORGAN WEIGHT/ OVARY, physiology/
PITUITARY GLAND, drug effects/
PITUITARY GLAND, secretion/ SEX
FACTORS/ SOMATOTROPIN, blood/
SOMATOTROPIN, pharmacodynamics/
SOMATOTROPIN, secretion/ TESTIS,
physiology

4700. Vilchez-Martinez JA, Schally AV, Coy DH, et al: In vitro
inhibition of LH release by a synthetic antagonist of
LH-releasing hormone (LH-RH).
Endocrinology 95:213-8, Jul 74
AMIDES, administration & dosage/ *AMIDES,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CASTRATION/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ ESTROGENS,
pharmacodynamics/ FEMALE/ *LH, blood/
*LH-FSH RELEASING HORMONE, antagonists
& inhibitors/ MALE/ PEPTIDES,
administration & dosage/ *PEPTIDES,
pharmacodynamics/ PROGESTERONE,
pharmacodynamics/ TIME FACTORS

4701. Villani F, Chiarrà A, Cristalli S, et al: Effect of PGE2 on
the turnover of calcium in rat uterus.
Experientia 30:532-4, 15 May 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT, drug effects/ *CALCIUM,
metabolism/ CALCIUM RADIOISOTOPES/
CELL MEMBRANE, drug effects/ CELL
MEMBRANE, metabolism/ FEMALE/ IN
VITRO/ MUSCLE, SMOOTH, drug effects/
*MUSCLE, SMOOTH, metabolism/
*PROSTAGLANDINS, pharmacodynamics/
RATS/ UTERUS, drug effects/ UTERUS,
metabolism

4702. Vinogradov AV, Barman EI: Povyshena li aktivnost'
sistemy antidiuretičeskogo gormona pri serdečnoj
nedostatočnosti. Kardiologija 15:147-51, 1974 (Rus)
ANIMAL EXPERIMENTS/ DIURESIS, drug
effects/ GLOMERULAR FILTRATION RATE/
HEART DISEASES, physiopathology/ *HEART
DISEASES, urine/ HUMAN/ KIDNEY,
physiopathology/ VASOPRESSIN, physiology/
*VASOPRESSIN, secretion

4703. Vinson GF, Whitehouse BJ, Braysner M, et al:
Proceedings: Functional affinities of the non-zoned
adrenocortical tissue of the skink Tillia rugosa with
the zone glomerulosa of the rat adrenal.
N Engl J Med 291:ixvixvii, 11 Jun 74
*ADRENAL GLANDS, metabolism/
*ALDOSTERONE, metabolism/ ANIMAL
EXPERIMENTS/ COMPARATIVE STUDY/

AUTHOR SECTION

- *CORTICOSTERONE, metabolism/
CORTICOTROPIN, pharmacodynamics/ IN
VITRO/ *LIZARDS, metabolism/ PITUITARY
GLAND/ STIMULATION, CHEMICAL/ TISSUE
EXTRACTS, pharmacodynamics
4704. Visfeldt J, Starup J: Dating of the human corpus luteum of menstruation using histological parameters. *Acta Pathol Microbiol Scand [A]* 82:137-44, Jan 74
ADULT/ CAPILLARIES/ CORPUS LUTEUM, blood supply/ *CORPUS LUTEUM, cytology/ CORPUS LUTEUM, physiology/ FEMALE/ HUMAN/ *MENSTRUATION/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ OVULATION/ TIME FACTORS
4705. Visser WJ, Bellot SM, Duursma SA, et al: Osteoporosis in Surinam. *Nutr Metab* 16:208-14, 1974
AGE FACTORS/ AUTOPSY/ BONE AND BONES, cytology/ *BONE AND BONES, pathology/ CELL COUNT/ COMPARATIVE STUDY/ ETHNIC GROUPS/ EUROPE/ FEMALE/ HUMAN/ MALE/ *OSTEOPOROSIS, occurrence/ OSTEOPOROSIS, pathology/ SPINE, pathology/ SURINAM/ TROPICAL CLIMATE
4706. Vittal SB: Fulminant viral hepatitis and hepatic failure. *Am Fam Physician* 9:110-4, May 74
ANTIBIOTICS, therapeutic use/ BACTERIAL INFECTIONS, drug therapy/ BLOOD COAGULATION DISORDERS, etiology/ BRAIN DISEASES, etiology/ ELECTROENCEPHALOGRAPHY/ EXCHANGE TRANSFUSION/ GAMMA GLOBULIN, therapeutic use/ HEMORRHAGE, prevention & control/ HEPARIN, therapeutic use/ HEPATIC COMA, complications/ HEPATIC COMA, drug therapy/ *HEPATIC COMA, etiology/ HEPATIC COMA, immunology/ HEPATIC COMA, therapy/ *HEPATITIS, INFECTIOUS, complications/ HUMAN/ HYDROCORTISONE, therapeutic use/ KIDNEY FAILURE, ACUTE, etiology/ LIVER, transplantation/ METABOLIC DISEASES, etiology/ NEUROLOGIC MANIFESTATIONS/ PANCREATITIS, etiology/ PERFUSION/ PLASMAPHERESIS/ SPINAL CORD DISEASES, etiology/ TRANSPLANTATION, HOMOLOGOUS
4707. Vladimirov VV, Russkii LI, Nedoseko GF: Primenenie preparatov kenakort i kenakomb v terapii nekotorykh dermatozov. *Vestn Dermatol Venerol* 48:78-80, May 74 (Rus)
ACUTE DISEASE/ CHRONIC DISEASE/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ GRAMICIDINS, therapeutic use/ HUMAN/ HYPERSENSITIVITY, drug therapy/ MALE/ NEOMYCIN, therapeutic use/ NYSTATIN, therapeutic use/ OINTMENTS/ *SKIN DISEASES, drug therapy/ *TRIAMCINOLONE ACETONIDE, therapeutic use
4708. Vladimirskaia EM, Panchenko NA: Eksperimental'nye boiski poliploidii u ptits. *Tsitol Genet* 8:135-7, Mar 74 (Rus)
ANIMAL EXPERIMENTS/ CASTRATION/ *CHICKENS, physiology/ *COLCHICINE, pharmacodynamics/ ENGLISH ABSTRACT/ MALE/ *POLYPOIDY, drug effects/ REGENERATION/ *TESTIS, drug effects/ TESTIS, physiology
4709. Vlasov NA: Deprivatsiia sna (obzor literatury). *Zh Nevropatol Psikhiatr* 73:1233-41, 1973 (162 ref.) (Rus)
ANIMAL EXPERIMENTS/ ATTENTION/ BEHAVIOR, ANIMAL/ BRAIN, metabolism/ CEREBRAL CORTEX, physiology/ ELECTROENCEPHALOGRAPHY/ GENICULATE BODIES, physiology/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, metabolism/ MUSCLES, physiology/ NECK, physiology/ NEUROHUMORS, metabolism/ ORIENTATION/ PULSE/ RESPIRATION/ REVIEW/ *SLEEP DEPRIVATION/ SLEEP, REM/ SLEEP STAGES/ TIME FACTORS/ WATER-ELECTROLYTE BALANCE
4710. Vogel A, Pollack R: Methods for obtaining revertants of transformed cells. *Methods Cell Biol* 8:75-92, 1974 (55 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ AGGLUTINATION TESTS/ ANTIGENS/ CELL COUNT/ *CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ COLCHICINE, pharmacodynamics/ COMPARATIVE STUDY/ CULTURE MEDIA/ CYTOCHALASIN B, pharmacodynamics/ EVALUATION STUDIES/ METHODS/ *MUTATION/ PHENOTYPE/ POLYOMA VIRUS/ REVIEW/ RNA VIRUSES/ ROUS SARCOMA VIRUS/ SV40 VIRUS/ TIME FACTORS
4711. Vogel E, Chandler JL: Mutagenicity testing of cyclamate and some pesticides in *Drosophila melanogaster*. *Experientia* 30:621-3, 15 Jun 74
ANIMAL EXPERIMENTS/ *CYCLAMATES, pharmacodynamics/ 2,4-DICHLOROPHENOXYACETIC ACID, pharmacodynamics/ *DROSOPHILA MELANOGASTER, drug effects/ GENES, LETHAL, drug effects/ GENES, RECESSIVE, drug effects/ GERM CELLS, drug effects/ HYDROCARBONS, HALOGENATED, pharmacodynamics/ LINKAGE (GENETICS)/ MEIOSIS, drug effects/ *MUTATION, drug effects/ *PESTICIDES, pharmacodynamics/ SEX CHROMOSOMES/ STRUCTURE-ACTIVITY RELATIONSHIP/ 2,4,5-TRICHLOROPHENOXYACETIC ACID, pharmacodynamics
4712. Vogelgesang GW: Hunt's syndrome: report of a case. *J Am Osteopath Assoc* 73:762-4, May 74
CHLORAMPHENICOL, therapeutic use/ CHLORTETRACYCLINE, therapeutic use/ EAR, EXTERNAL/ *FACIAL NERVE, surgery/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ *HERPES ZOSTER, drug therapy/ HERPES ZOSTER, surgery/ HUMAN/ MIDDLE AGE/ SYNDROME
4713. Vogt JH: Jod og endemisk struma. *Tidsskr Nor Laegeforen* 94:1012, 30 May 74 (Nor)
FISHES/ FOOD ADDITIVES/ *GOITER, ENDEMIC, metabolism/ HUMAN/ *IODINE, metabolism/ MILK/ NORWAY/ SODIUM CHLORIDE
4714. Vohra VG, Mukadam FK: External radiation in the treatment of thyroid cancers. *Indian J Cancer* 10:407-14, Dec 73
COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ POSTOPERATIVE CARE/ THYROID NEOPLASMS, mortality/ *THYROID NEOPLASMS, radiotherapy/ THYROID NEOPLASMS, surgery
4715. Voigt GC, Wright JR: Clinical-pathologic conference. Cyanotic congenital heart disease and sudden death. *Am Heart J* 87:773-82, Jun 74
ADOLESCENCE/ AUTOPSY/ CHROMAFFIN SYSTEM/ CORONARY DISEASE, etiology/ *DEATH, SUDDEN/ *HEART DEFECTS, CONGENITAL, pathology/ *HEART SEPTAL DEFECTS, VENTRICULAR, pathology/ HUMAN/ HYPERTENSION, PULMONARY, etiology/ KIDNEY, pathology/ KIDNEY GLOMERULUS, pathology/ KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, pathology/ LUNG, pathology/ MALE/ MYOCARDIUM, pathology/ POLYCYTHEMIA, etiology/ PULMONARY EMBOLISM, pathology/ SYNDROME/ THROMBOSIS, etiology/ *TRANSPPOSITION OF GREAT VESSELS, pathology
4716. Vojtisek O, Kaňková D: Polymyalgia rheumatica (souborný referát). *Fysiatr Reumatol Vestn* 51:193-8, Aug 73 (Fre)
AGE FACTORS/ ASPIRIN, therapeutic use/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ INDOMETHACIN, therapeutic use/ *POLYMYALGIA RHEUMATICA/ POLYMYALGIA RHEUMATICA, blood/

AUTHOR SECTION

- POLYMYALGIA RHEUMATICA, diagnosis/
POLYMYALGIA RHEUMATICA, drug therapy/
POLYMYALGIA RHEUMATICA, etiology/
PREDNISONE, therapeutic use/
RESPIRATORY TRACT DISEASES,
complications/ REVIEW/ TEMPORAL
ARTERITIS, complications/ TEMPORAL
ARTERITIS, diagnosis/ VASCULAR DISEASES,
complications
4717. Vojtěšek O, Kaňková D, Susta A: Intraartikulární léčba triamcinolonacetanidem.
Fysiatr Reumatol Vestn 52:117-22, Apr 74 (Cse)
ADOLESCENCE/ ADULT/ AGED/ ARTHRITIS,
RHEUMATOID, drug therapy/ BURSITIS, drug
therapy/ DRUG EVALUATION/ EDEMA, drug
therapy/ ENGLISH ABSTRACT/ EXUDATES
AND TRANSUDATES/ FEMALE/ HUMAN/
INJECTIONS, INTRA-ARTICULAR/ *JOINT
DISEASES, drug therapy/ KNEE JOINT/
MALE/ MIDDLE AGE/ *TRIAMCINOLONE
ACETONIDE, administration & dosage
4718. Volček AG, Shitabe K, Pustovoyt B, et al:
Vzaimodeystvie glukokortikoidov s
tsitoplazmaticheskimi belkami kletok pecheni i
timusa krysy.
Probl Endokrinol (Mosk) 20:65-71, Mar-Apr 74 (Rus)
ANIMAL EXPERIMENTS/ BINDING SITES/
*CORTICOSTERONE, metabolism/
*CORTISONE, metabolism/ *CYTOPLASM,
metabolism/ CYTOSOL, metabolism/ ENGLISH
ABSTRACT/ FEMALE/ IN VITRO/ LIVER,
cytology/ *LIVER, metabolism/ MALE/
*PROTEIN BINDING/ RATS/ THYMUS
GLAND, cytology/ *THYMUS GLAND,
metabolism/ TRANSCORTIN,
pharmacodynamics
4719. Vollmar RE: Calf diarrhea control in a dairy operation.
Mod Vet Pract 55:509 passim, Jul 74
ANIMAL EXPERIMENTS/ ANIMAL
NUTRITION/ ANIMALS, NEWBORN/
BACTERIAL VACCINES, administration &
dosage/ CATTLE DISEASES, drug therapy/
*CATTLE DISEASES, prevention & control/
CORYNEBACTERIUM, immunology/
DIARRHEA, drug therapy/ DIARRHEA,
prevention & control/ *DIARRHEA,
veterinary/ FEMALE/ LABOR/
PASTEURELLA, immunology/ REOVIRUS,
immunology/ SANITATION/ VIRAL
VACCINES, administration & dosage/
VITAMIN A, therapeutic use/ VITAMIN D,
therapeutic use/ VITAMIN E, therapeutic use
4720. Volozhin AI, Shashkov VS, Dmitriev BS, et al:
Effektivnost' primeneniia tirokal'tsitona dlia
profilaktiki narusheniia kal'tsevego obmena v
mineralizovannykh thaniakh krolikov pri 30-sutochnoi
gipokinezii.
Patol Fiziol Eksp Ter 10:42-6, May 74 (Rus)
ANIMAL EXPERIMENTS/ BONE AND BONES,
metabolism/ BONE RESORPTION,
drug effects/ *CALCITONIN, therapeutic use/
*CALCIUM, metabolism/ CALCIUM
RADIOISOTOPES/ ENGLISH ABSTRACT/
*IMMOBILIZATION/ *METABOLIC DISEASES,
prevention & control/ TIME FACTORS/
TOOTH, metabolism
4721. Volpé R, Farid NR, Von Westarp C, et al: The
pathogenesis of Graves' disease and Hashimoto's
thyroiditis.
Clin Endocrinol (Oxf) 3:239-61, Jul 74 (134 ref.)
AGE FACTORS/ AUTOANTIBODIES, analysis/
*AUTOIMMUNE DISEASES, immunology/
CLONE CELLS/ DISEASES IN TWINS/
FEMALE/ GOITER, EXOPHTHALMIC, familial
& genetic/ *GOITER, EXOPHTHALMIC,
immunology/ HUMAN/ IGG, analysis/
IMMUNITY, CELLULAR/ LONG-ACTING
THYROID STIMULATOR, blood/
LYMPHOCYTE TRANSFORMATION/ MALE/
REVIEW/ STRESS, immunology/ THYROID
GLAND, immunology/ THYROIDITIS,
LYMPHOMATOUS, familial & genetic/
*THYROIDITIS, LYMPHOMATOUS,
immunology
4722. Vondra K, Rath R: Obesity and thyroid function. I.
Values of the achilles tendon reflex.
Endokrinologie 62:310-20, 1973
*ACHILLES TENDON/ ADOLESCENCE/
ADULT/ BODY WEIGHT/ EXERCISE TEST/
FEMALE/ HUMAN/ MALE/ MIDDLE AGE/
*OBESITY, metabolism/ *REFLEX, TENDON/
SEX FACTORS/ *THYROID GLAND,
metabolism
4723. Vongtama V, Piver SM, Tsukada Y, et al: Para-aortic
node irradiation in carcinomas.
Cancer 34:169-74, Jul 74
ADENOCARCINOMA, radiotherapy/ AORTA/
*CARCINOMA, radiotherapy/ CARCINOMA,
EPIDERMAL, radiotherapy/ CERVIX
NEOPLASMS, radiotherapy/ FEMALE/
GASTRITIS, etiology/ HUMAN/ *LYMPH
NODES, radiation effects/ LYMPHATIC
METASTASIS/ NEOPLASM METASTASIS/
*NEOPLASMS, radiotherapy/ OVARIAN
NEOPLASMS, radiotherapy/ RADIATION
EFFECTS/ RADIOTHERAPY, adverse effects/
RADIOTHERAPY DOSAGE/ RETAL
NEOPLASMS, radiotherapy/ RETROSPECTIVE
STUDIES/ SIGMOID NEOPLASMS,
radiotherapy/ UTERINE NEOPLASMS,
radiotherapy/ VULVAR NEOPLASMS,
radiotherapy
4724. Von Hungen K, Roberts S, Hill DF: Developmental and
regional variations in neurotransmitter-sensitive
adenylate cyclase systems in cell-free preparations
from rat brain. J Neurochem 22:811-9, May 74
*ADENYL CYCLASE, metabolism/ AGING/
ANIMAL EXPERIMENTS/ BRAIN, drug
effects/ *BRAIN, enzymology/ BRAIN, growth
& development/ CALCIUM, pharmacodynamics/
CARBON RADIOISOTOPES/ CELL-FREE
SYSTEM/ CEREBELLUM, metabolism/
CEREBRAL CORTEX, metabolism/
CHELATING AGENTS, pharmacodynamics/
CHROMATOGRAPHY, ION EXCHANGE/
CORPUS STRIATUM, metabolism/
*DOPAMINE, pharmacodynamics/ FLUORIDES,
pharmacodynamics/ HIPPOCAMPUS,
metabolism/ HYPOTHALAMUS, metabolism/
ISOTOPE LABELING/ MALE/ MEDULLA
OBLONGATA, metabolism/
*NOREPINEPHRINE, pharmacodynamics/
RATS, INBRED STRAINS/ *SEROTONIN,
pharmacodynamics/ TRITIUM
4725. Von Koskull H, Aula P: Nonrandom distribution of
chromosome breaks in Fanconi's anemia.
Cytogenet Cell Genet 12:423-34, 1973
*ANEMIA, APLASTIC, familial & genetic/
*CHROMOSOME ABERRATIONS/
CHROMOSOME MAPPING/ CHROMOSOMES,
analysis/ CHROMOSOMES, HUMAN, 1-3/
FEMALE/ HUMAN/ KARYOTYPING/
LYMPHOCYTES, cytology/ MALE/ SEX
CHROMOSOMES, analysis/ STAINS AND
STAINING
4726. Vorob'eva AM: Vliianie mikroelementnogo sostava
korma na fosforno-kal'tsevyi obmen u rastushchikh
zhivotnykh.
Vopr Pitani 33:62-3, May-Jun 74 (Rus)
ACID PHOSPHATASE, blood/ ALKALINE
PHOSPHATASE, blood/ ANIMAL
EXPERIMENTS/ *ANIMAL FEED, analysis/
CALCIUM, blood/ *CALCIUM, metabolism/
COPPER, analysis/ ENGLISH ABSTRACT/
GROWTH/ MALE/ MANGANESE, analysis/
PHOSPHORUS, blood/ *PHOSPHORUS,
metabolism/ *TRACE ELEMENTS, analysis/
ZINC, analysis
4727. Voroshilovskaia SP: Znachenie nadnyrkovykh zaloz u
rehuiatsii obminu zalka v orhanizmi tvaryn.
Ukr Biokhim Zh 45:342-6, May-Jun 73 (Ukr)
ACUTE DISEASE/ ADRENAL GLAND
HYPOFUNCTION, metabolism/ *ADRENAL
GLANDS, physiology/ ADRENALECTOMY/
ANIMAL EXPERIMENTS/ BONE AND BONES,
analysis/ BRAIN CHEMISTRY/ CHRONIC
DISEASE/ COLORIMETRY/ CORTICOTROPIN,
pharmacodynamics/
DESOXYCORTICOSTERONE,

AUTHOR SECTION

- pharmacodynamics/ ENGLISH ABSTRACT/
HYDROCORTISONE, pharmacodynamics/ IRON,
analysis/ *IRON, metabolism/ KIDNEY,
analysis/ LIVER, analysis/ MALE/ MUSCLES,
analysis/ RABBITS
4728. Vose GP: Review of roentgenographic bone demineralization studies of the Gemini space flights. Am J Roentgenol Radium Ther Nucl Med 121:1-4, May 74
ALUMINUM, metabolism/ *AVIATION
MEDICINE/ BONE AND BONES, metabolism/
*BONE AND BONES, radiography/ CALCIUM,
metabolism/ DENSITOMETRY, X-RAY/
HUMAN/ MALE/ *MINERALS, metabolism/
*SPACE FLIGHT/ UNITED STATES/
WEIGHTLESSNESS
4729. Vrba R, Winter A, Epps LN: Assimilation of glucose carbon in vivo by salivary gland and tumor. Am J Physiol 226:1424-7, Jun 74
ANIMAL EXPERIMENTS/ *ASTROCYTOMA,
metabolism/ BRAIN, metabolism/ CARBON
RADIOISOTOPES/ CELL DIVISION/
COMPARATIVE STUDY/ GLUCOSE,
metabolism/ INTESTINAL MUCOSA,
metabolism/ KIDNEY, metabolism/ *KIDNEY
NEOPLASMS, metabolism/ LIVER, metabolism/
MUSCLES, metabolism/ MYOCARDIUM,
metabolism/ NEOPLASM
TRANSPLANTATION/ NEOPLASMS,
EXPERIMENTAL, metabolism/ PANCREAS,
metabolism/ PROTEINS, biosynthesis/
*SALIVARY GLANDS, metabolism/ TESTIS,
metabolism/ TRANSPLANTATION,
HOMOLOGOUS
4730. Vrbová H, Gregorová I: Denní rytmus 11-hydroxykortikoidů v plazmě u endokrinopatií s poruchou funkce hypofýzy a kúry nadledvin a u kontrolních osob. Sb Lek 74:263-75, Sep 72 (Cze)
*ADRENAL GLAND DISEASES, blood/
*CIRCADIAN RHYTHM/ ENGLISH
ABSTRACT/ FEMALE/ HUMAN/
*11-HYDROXYCORTICOSTEROIDS, blood/
MALE/ *PITUITARY DISEASES, blood
- W
4731. Wachtel SS, Koo GC, Zuckerman EE, et al: Serological crossreactivity between H-Y (male) antigens of mouse and man. Proc Natl Acad Sci USA 71:1215-8, Apr 74
ANIMAL EXPERIMENTS/ ANTIBODIES,
HETEROTYPIC/ *ANTIGENS,
HETEROGENETIC/ *CROSS REACTIONS/
CYTOTOXICITY TESTS, IMMUNOLOGIC/
ERYTHROCYTES, immunology/ GUINEA
PIGS/ *HISTOCOMPATIBILITY ANTIGENS,
analysis/ HUMAN/ IMMUNE ADHERENCE
REACTION/ IMMUNE SERUMS/ MALE/
MICE/ MICE, INBRED BALB C/ RATS/
RATS, INBRED WF/ *SEX CHROMOSOMES,
immunology/ SHEEP, immunology/ SPECIES
SPECIFICITY/ SPERMATOZOA, immunology
4732. Wada JA, Sata M: Generalized convulsive seizures induced by daily electrical stimulation of the amygdala in cats. Correlative electrographic and behavioral features. Neurology (Minneapolis) 24:565-74, Jun 74
*AMYGDALOID BODY/ ANIMAL
EXPERIMENTS/ BEHAVIOR, ANIMAL/ CATS/
CEREBRAL CORTEX, physiopathology/
*CONVULSIONS, etiology/ CORPUS
STRIATUM, physiopathology/ DISEASE
MODELS, ANIMAL/ ELECTRIC
STIMULATION/
ELECTROENCEPHALOGRAPHY/ EPILEPSY,
physiopathology/ GLOBUS PALLIDUS,
physiopathology/ MALE/ MEMBRANE
POTENTIALS/ MESENCEPHALON,
physiopathology/ RETICULAR FORMATION,
physiopathology/ SUBLIMINAL STIMULATION/
SUBSTANTIA NIGRA, physiopathology/
THALAMIC NUCLEI, physiopathology
4733. Wade GN, Feder HH: Stimulation of (3H)leucine incorporation into protein by estradiol-17beta or progesterone in brain tissues of ovariectomized guinea pigs. Brain Res 73:545-9, 28 Jun 74
ANIMAL EXPERIMENTS/ BLOOD PROTEINS,
biosynthesis/ *BRAIN, metabolism/
CASTRATION/ CEREBRAL CORTEX,
metabolism/ DIAPHRAGM, metabolism/ DRUG
SYNERGISM/ *ESTRADIOL,
pharmacodynamics/ FEMALE/
HYPOTHALAMUS, metabolism/ LEUCINE,
metabolism/ MESENCEPHALON, metabolism/
*NERVE TISSUE PROTEINS, biosynthesis/
*PROGESTERONE, pharmacodynamics/
STIMULATION, CHEMICAL/ TRITIUM/
UTERUS, metabolism
4734. Wägar G: Action of cyclic adenosine 3',5' monophosphate on protein synthesis in a thyroidal cell-free system. Relation to ATP and GTP. Acta Endocrinol (Kbh) 75:398-409, Feb 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ADENOSINE TRIPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CARBON RADIOISOTOPES/ CATTLE/
CELL-FREE SYSTEM, drug effects/
DEPRESSION, CHEMICAL/ EDTA,
pharmacodynamics/ GUANOSINE
TRIPHOSPHATE, pharmacodynamics/
LEUCINE, metabolism/ *MICROSOMES, drug
effects/ *PROTEINS, biosynthesis/
PYROPHOSPHATES, pharmacodynamics/
PYRUVATE KINASE, pharmacodynamics/
STIMULATION, CHEMICAL/ THEOPHYLLINE,
pharmacodynamics/ *THYROID GLAND, drug
effects/ WATER-ELECTROLYTE BALANCE
4735. Wagner GM, Mart PE, Kelly RB: Beta-bungarotoxin inhibition of calcium accumulation by rat brain mitochondria. Biochem Biophys Res Commun 58:475-81, 20 May 74
ANIMAL EXPERIMENTS/ BIOLOGICAL
TRANSPORT/ BRAIN, cytology/ BRAIN, drug
effects/ *BRAIN, metabolism/
*BUNGAROTOXINS, pharmacodynamics/
*CALCIUM, metabolism/ CALCIUM
RADIOISOTOPES/ CENTRIFUGATION,
DENSITY GRADIENT/ COMPARATIVE
STUDY/ DINITROPHENOLS,
pharmacodynamics/ KINETICS/
MITOCHONDRIA, drug effects/
*MITOCHONDRIA, metabolism/ SUCCINATES,
pharmacodynamics/ TEMPERATURE/ TIME
FACTORS
4736. Wagner H, Adams M, Wenning N, et al: ACTH und Cortisolspiegel im Plasma unter funktionsdynamischen Bedingungen bei Normalgewichtigen sowie Patienten mit exogener Adipositas. Verh Dtsch Ges Inn Med 79:1245-9, 1973 (Ger)
ADOLESCENCE/ ADULT/ *BODY WEIGHT/
*CORTICOTROPIN, blood/ FEMALE/ HUMAN/
*HYDROCORTISONE, blood/ MALE/ MIDDLE
AGE/ *OBESITY, blood/ PROTEIN BINDING/
RADIOIMMUNOASSAY
4737. Wagner H, Böckel K, Hrubesch M, et al: LH and FSH im Serum vor und nach i.v. Gabe von synthetischem LH-Releasing Hormon bei Patienten mit primärem Hypogonadismus. Verh Dtsch Ges Inn Med 79:1238-42, 1973 (Ger)
ADULT/ *FSH, blood/ HUMAN/
*HYPOGONADISM, blood/ *LH, blood/
*LH-FSH RELEASING HORMONE,
pharmacodynamics/ MALE/
RADIOIMMUNOASSAY
4738. Wagner H, Böckel K, Grote G, et al: Einwirkung von Glukocorticoidgaben auf die Spiegel von ACTH, TSH, LH und FSH im menschlichen Serum. Verh Dtsch Ges Rheumatol 3:271-6, 1974 (Ger)
*CORTICOTROPIN, blood/
DEXAMETHASONE, pharmacodynamics/
ENGLISH ABSTRACT/ *FSH, blood/ HUMAN/
HYPOGLYCEMIA, blood/ *LH, blood/ MALE/
PITUITARY GLAND, metabolism/
*PREDNISONE, pharmacodynamics/
RADIOIMMUNOASSAY/ THYROTROPIN
RELEASING HORMONE, blood

AUTHOR SECTION

4739. Wahle KW: Desaturation of long-chain fatty acids by tissue preparations of the sheep, rat and chicken. *Comp Biochem Physiol [B]* 48:87-105, 15 May 74
ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CHICKENS/ COMPARATIVE STUDY/ *FATTY ACID DESATURASES, metabolism/ FATTY ACIDS, biosynthesis/ FATTY ACIDS, UNSATURATED, biosynthesis/ GLYCEROPHOSPHATES, metabolism/ IN VITRO/ JEJUNUM, enzymology/ KIDNEY/ KINETICS/ LACTATION/ LIVER, metabolism/ MALE/ MAMMAE, enzymology/ MICROSOMES, enzymology/ *MICROSOMES, LIVER, enzymology/ ORGAN SPECIFICITY/ PREGNANCY/ RATS/ SHEEP/ SKIN/ SPECIES SPECIFICITY/ STEARIC ACID, metabolism
4740. Wainwright SD: Development of hydroxytryptophan decarboxylase activity in the pineal gland, cerebral hemispheres, and cerebellum of the chick embryo and young chick. *Can J Biochem* 52:149-54, Mar 74
AGING/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ BRAIN, growth & development/ CARBON RADIOISOTOPES/ *CEREBELLUM, enzymology/ CEREBELLUM, growth & development/ *CHICK EMBRYO, enzymology/ CHICKENS/ COMPARATIVE STUDY/ *DOPA DECARBOXYLASE, metabolism/ FEMALE/ HYDROXYTRYPTOPHAN/ MALE/ ORGAN SPECIFICITY/ *PINEAL BODY, enzymology/ PINEAL BODY, growth & development/ TIME FACTORS
4741. Wakeling AE, Wyngarden LJ: Prostaglandin receptors in the human, monkey and hamster uterus. *Endocrinology* 95:55-64, Jul 74
ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ CASTRATION/ ESTRADIOL, pharmacodynamics/ ESTRUS/ FEMALE/ HUMAN/ PROGESTERONE, pharmacodynamics/ *PROSTAGLANDINS, metabolism/ PROTEIN BINDING/ *RECEPTORS, HORMONE, drug effects/ TISSUE CULTURE/ TRITIUM/ *UTERUS, metabolism
4742. Wakkers-Garritsen BG: Hypotrichosis congenita hereditaria (Marie Unna). *Dermatologica* 148:51-2, 1974
ADULT/ ALOPECIA, diagnosis/ *ALOPECIA, familial & genetic/ CASE REPORT/ CHILD, PRESCHOOL/ FEMALE/ HAIR/ HUMAN/ PUBERTY/ SYNDROME
4743. Wakkers-Garritsen BG: Pyoderma gangraenosum. *Dermatologica* 148:57-9, 1974
CASE REPORT/ GANGRENE, drug therapy/ GANGRENE, etiology/ GANGRENE, pathology/ HUMAN/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use/ *PYODERMA, complications/ PYODERMA, drug therapy/ PYODERMA, pathology
4744. Waku Y, Sumimoto KI: Metamorphosis of midgut epithelial cells in the silkworm (*Bombyx mori* L.) with special regard to the calcium salt deposits in the cytoplasm. II. Electron microscopy. *Tissue Cell* 6:127-36, 1974
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CELL MEMBRANE, metabolism/ CYTOPLASM, metabolism/ EPITHELIAL CELLS, cytology/ EPITHELIAL CELLS, metabolism/ GASTROINTESTINAL SYSTEM, cytology/ *GASTROINTESTINAL SYSTEM, metabolism/ GLYCOGEN, metabolism/ HISTOCYTOCHEMISTRY/ METAMORPHOSIS, BIOLOGICAL/ MICROSCOPY, ELECTRON/ *SILKWORMS, metabolism
4745. Waldenmaier C, Hirsch W, König E, et al: Identification of a 18-21 translocation with Klinefelter's syndrome by G-band patterns. *Humangenetik* 21:323-9, 23 Mar 74
*CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 18-18/ *CHROMOSOMES, HUMAN, 21-22/ DERMATOGLYPHICS/ FIBROBLASTS, cytology/ HUMAN/ KARYOTYPING/ *KLINEFELTER'S SYNDROME, familial & genetic/ LYMPHOCYTES, cytology/ MALE/ MENTAL RETARDATION, familial & genetic/ STAINS AND STAINING
4746. Walker FM, Poyser NL: Production of prostaglandins by the early pregnant guinea-pig uterus. *N Engl J Med* 291:265-71, 11 Jun 74
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, GAS/ CORPUS LUTEUM, anatomy & histology/ ESTRUS/ FEMALE/ IN VITRO/ *PREGNANCY, ANIMAL/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, physiology/ SPECTRUM ANALYSIS, MASS/ TIME FACTORS/ *UTERUS, metabolism
4747. Walker SH, Firminger HI: Familial renal dysplasia with sodium wasting and hypokalemic alkalosis. *Am J Dis Child* 127:882-7, Jun 74
ABNORMALITIES, familial & genetic/ ALKALOSIS, blood/ *ALKALOSIS, etiology/ ALKALOSIS, familial & genetic/ ALKALOSIS, metabolism/ ALKALOSIS, urine/ AUTOPSY/ FEMALE/ HUMAN/ HYPOKALEMIA, blood/ *HYPOKALEMIA, etiology/ HYPOKALEMIA, familial & genetic/ HYPOKALEMIA, metabolism/ HYPOKALEMIA, urine/ *KIDNEY, abnormalities/ KIDNEY, pathology/ KIDNEY FUNCTION TESTS/ KIDNEY GLOMERULUS, pathology/ KIDNEY TUBULES, DISTAL, pathology/ LOOP OF HENLE, pathology/ MALE/ PITUITARY-ADRENAL FUNCTION TESTS/ POTASSIUM, blood/ POTASSIUM, urine/ SODIUM, blood/ *SODIUM, metabolism/ SODIUM, urine/ WATER-ELECTROLYTE BALANCE
4748. Walker SH, Firminger HI: Familial renal dysplasia with sodium wasting and hypokalemic alkalosis. *Am J Dis Child* 127:882-7, Jun 74
ADRENALECTOMY/ ALDOSTERONE, blood/ *ALKALOSIS, complications/ BICARBONATES, blood/ DEHYDRATION, etiology/ EPILEPSY, GRAND MAL, etiology/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, familial & genetic/ *HYPOKALEMIA, complications/ HYPONATREMIA, etiology/ INFANT/ INFUSIONS, PARENTERAL/ *KIDNEY, abnormalities/ KIDNEY GLOMERULUS, abnormalities/ KIDNEY TUBULES, abnormalities/ MALE/ POTASSIUM, administration & dosage/ POTASSIUM, blood/ POTASSIUM, urine/ SODIUM, administration & dosage/ SODIUM, blood/ *SODIUM, urine/ URINE, analysis/ URINE, physiology/ VOMITING, etiology
4749. Wall JR, Stedronska J, Lessof MH: Antibodies against Sertoli cells in human infertility. *Clin Endocrinol (Oxf)* 3:187-94, Apr 74
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ DRUG STABILITY/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ HUMAN/ HYDROXYCORTICOSTEROIDS, blood/ HYPOGONADISM, blood/ HYPOGONADISM, immunology/ HYPOGONADISM, pathology/ MALE/ RABBITS, immunology/ SERTOLI CELLS, cytology/ *SERTOLI CELLS, immunology/ SHEEP, immunology/ STERILITY, MALE, blood/ *STERILITY, MALE, immunology/ STERILITY, MALE, pathology/ TEMPERATURE/ TESTIS, cytology/ TESTIS, pathology/ TESTOSTERONE, blood/ TIME FACTORS
4750. Wallace BG, Talamo BR, Evans PD, et al: Octopamine: selective association with specific neurons in the lobster nervous system. *Brain Res* 74:349-55, 12 Jul 74
ACETYLCHOLINE, biosynthesis/ ACTION POTENTIALS/ AMINO BUTYRIC ACID, biosynthesis/ ANIMAL EXPERIMENTS/ CARBON RADIOISOTOPES/ *DOPAMINE, metabolism/ GANGLIA, SPINAL, cytology/ GANGLIA, SPINAL, enzymology/ HISTOCYTOCHEMISTRY/ LOBSTERS, metabolism/ *NORSYNEPHRINE, metabolism/ SEROTONIN, biosynthesis/ SPINAL CORD, cytology/ *SPINAL CORD, enzymology/ SPINAL NERVE ROOTS, cytology/ SPINAL NERVE ROOTS, enzymology/ SPINAL NERVE

AUTHOR SECTION

- ROOTS, physiology/ TRITIUM/ TYRAMINE, metabolism/ TYROSINE, metabolism/ *TYROSINE HYDROXYLASE, metabolism
4751. Wallace EF, Krantz MJ, Lovenberg W: Dopamine-beta-hydroxylase: a tetrameric glycoprotein. *Proc Natl Acad Sci USA* 70:2253-5, Aug 73
ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ *DOPAMINE BETA HYDROXYLASE, analysis/ DOPAMINE BETA HYDROXYLASE, isolation & purification/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *GLYCOPROTEINS, analysis/ HEXOSES, analysis/ MOLECULAR WEIGHT/ NEURAMINIC ACIDS, analysis/ XYLOSE, analysis
4752. Wallace WJ, Maxwell JC, Caughey WS: The mechanisms of hemoglobin autooxidation. Evidence for proton-assisted nucleophilic displacement of superoxide by anions. *Biochem Biophys Res Commun* 57:1104-10, 23 Apr 74
ACETATES/ AZIDES/ BINDING SITES/ BORATES/ BROMIDES/ CHLORIDES/ COMPARATIVE STUDY/ CYANIDES/ FLUORIDES/ *HEMOGLOBIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IRON/ KINETICS/ MALEATES/ MATHEMATICS/ METHEMOGLOBIN/ OXIDATION-REDUCTION/ OXYHEMOGLOBIN/ PEROXIDES/ PHOSPHATES/ PROTEIN BINDING/ SPECTROPHOTOMETRY/ THIOCYANATES/ TIME FACTORS
4753. Wallack HI, Kandel G, Presman DC: Polycystic kidneys. Indications for surgical intervention. *Urology* 3:552-6, May 74
ABDOMEN/ ADRENALECTOMY/ ADULT/ AGED/ DRAINAGE/ FEMALE/ GASTROINTESTINAL DISEASES, etiology/ HEMATURIA, etiology/ HEMODIALYSIS/ HEMORRHAGE, etiology/ HUMAN/ HYPERTENSION, RENAL, etiology/ INFECTION, complications/ KIDNEY, pathology/ KIDNEY, POLYCYSTIC, complications/ KIDNEY, POLYCYSTIC, pathology/ *KIDNEY, POLYCYSTIC, surgery/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ NEPHRECTOMY, adverse effects/ PAIN, etiology/ RENAL ARTERY, radiography/ SUPPURATION, surgery/ TIME FACTORS/ UROGRAPHY
4754. Walsh PC, Swerdloff RS: Testosterone: effect on rat testis. *Surg Forum* 23:522-3, 1972
ANIMAL EXPERIMENTS/ LH, blood/ TESTIS, drug effects/ *TESTOSTERONE, pharmacodynamics
4755. Walter E, Morgenstern E, Weber E: Investigation of different acid phosphatases in blood platelets. *Acta Univ Carol [Med Monogr] (Praha)* 53:133-9, 1972
ADENOSINE TRIPHOSPHATE, isolation & purification/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, enzymology/ BLOOD PROTEINS, analysis/ CATHEPSIN, isolation & purification/ CELL MEMBRANE, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ COMPARATIVE STUDY/ CYTOPLASMIC GRANULES, enzymology/ GEL FILTRATION/ GLUCURONIDASE, isolation & purification/ GLYCEROPHOSPHATES/ GLYCOGEN, isolation & purification/ HEAT/ HYDROGEN-ION CONCENTRATION/ METHODS/ MICROSCOPY, ELECTRON/ MICROSOMES, analysis/ NITROPHENOLS/ ORGANOPHOSPHORUS COMPOUNDS/ SEROTONIN, isolation & purification/ SWINE
4756. Walter R, Smith IC, Deslauriers R: The conformation of oxytocin in dimethylsulfoxide as revealed by carbon-13 spin-lattice relaxation times. *Biochem Biophys Res Commun* 58:216-21, 7 May 74
CARBON ISOTOPES/ COMPUTERS, DIGITAL/ DEUTERIUM/ DIMETHYL SULFOXIDE/ ELECTRON SPIN RESONANCE/ FOURIER ANALYSIS/ GLUCOSAMINE/ ISOLEUCINE/ LEUCINE/ MOLECULAR CONFORMATION/ *OXYTOCIN/ TIME FACTORS/ TYROSINE
4757. Walter R, Yamanaka T, Sakakibara S: A neurohypophyseal hormone analog with selective oxytocin-like activities and resistance to enzymatic inactivation: an approach to the design of peptide drugs. *Proc Natl Acad Sci USA* 71:1901-5, May 74
ANIMAL EXPERIMENTS/ CATALYSIS/ CHEMISTRY/ DEPRESSION, CHEMICAL/ *DIURESIS, drug effects/ FEMALE/ *LACTATION, drug effects/ MALE/ MOLECULAR CONFORMATION/ *OXYTOCICS/ *PEPTIDES/ PEPTIDES, pharmacodynamics/ STIMULATION, CHEMICAL/ *VASOCONSTRICTOR AGENTS
4758. Walton JS, Cunningham FJ, Temple A, et al: Proceedings: Luteinizing hormone and progesterone in the plasma of anoestrous ewes. *N Engl J Med* 291:82-3, 11 Jun 74
ANIMAL EXPERIMENTS/ *ESTRUS/ FEMALE/ *LH, blood/ OVULATION/ *PROGESTERONE, blood/ RADIOIMMUNOASSAY/ SHEEP
4759. Wan SH, Pentikainen PJ, Azarnoff DL: Bioavailability of aminosalicic acid and its various salts in humans. 3. Absorption from tablets. *J Pharm Sci* 63:708-11, May 74
AMINOSALICYLIC ACID, administration & dosage/ *AMINOSALICYLIC ACID, metabolism/ ANALYSIS OF VARIANCE/ BIOPHARMACEUTICS/ CALCIUM, metabolism/ FEMALE/ HUMAN/ MALE/ POTASSIUM, metabolism/ SODIUM, metabolism/ SOLUBILITY/ TABLETS/ TIME FACTORS
4760. Wang HP, Pfeiffer DR, Kimura T, et al: Phospholipids of adrenal cortex mitochondria and the steroid hydroxylases: the lipid-environment of cytochrome P-450. *Biochem Biophys Res Commun* 57:93-9, 15 Mar 74
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, enzymology/ BACILLUS CEREUS, enzymology/ CARBON RADIOISOTOPES/ CATTLE/ CEPHALINS, analysis/ CHOLESTEROL/ CHROMATOGRAPHY, THIN LAYER/ *CYTOCHROME P-450, metabolism/ ELECTRON SPIN RESONANCE/ IRON, analysis/ KIDNEY, enzymology/ LECITHINS, analysis/ LIVER, enzymology/ *MITOCHONDRIA, enzymology/ MITOCHONDRIA, LIVER, enzymology/ MITOCHONDRIA, MUSCLE, enzymology/ MYOCARDIUM/ ORGAN SPECIFICITY/ OXIDOREDUCTASES, metabolism/ PHOSPHOLIPASE/ *PHOSPHOLIPIDS, analysis/ STEROID HYDROXYLASES, metabolism/ SULFUR, analysis
4761. Warawa EJ, Mueller NJ, Jules R: Quinuclidine chemistry. 2. Synthesis and antiinflammatory properties of 2-substituted benzhydryl-3-quinuclidinols. *J Med Chem* 17:497-501, May 74
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, chem synthesis/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ BENZENE DERIVATIVES, chem synthesis/ BENZENE DERIVATIVES, therapeutic use/ CARRAGEENAN/ COMPARATIVE STUDY/ EDEMA, chemically induced/ EDEMA, drug therapy/ GRANULOMA, drug therapy/ HYDROCORTISONE, therapeutic use/ INDOMETHACIN, therapeutic use/ MALE/ PHENYLBUTAZONE, therapeutic use/ *QUINUCLIDINES, chem synthesis/ QUINUCLIDINES, therapeutic use/ RATS/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP
4762. Warburton D, Firschein IL, Miller DA, et al: Karyotype of the chimpanzee, Pan troglodytes, based on measurements and banding pattern: comparison to the human karyotype. *Cytogenet Cell Genet* 12:453-61, 1973
ANIMAL EXPERIMENTS/ *CHIMPANZEES/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES, analysis/ COMPARATIVE STUDY/ FEMALE/ HETEROCHROMATIN/ HUMAN/ KARYOTYPING/ MALE/

AUTHOR SECTION

NOMENCLATURE/ SEX CHROMOSOMES,
analysis/ STAINS AND STAINING

4763. Wardle EN: Letter: Endotoxaemia in liver disease.
Lancet 1:930-1, 11 May 74
BIOLOGICAL ASSAY/ BLOOD
COAGULATION, drug effects/ BLOOD
COAGULATION FACTORS/ *ENDOTOXINS,
blood/ ENDOTOXINS, pharmacodynamics/
FIBRINOLYSIS, drug effects/ HUMAN/
KIDNEY DISEASES, etiology/ *LIVER
DISEASES, blood/ LIVER DISEASES, etiology/
RENIN, secretion
4764. Wardle EN: The relevance of intravascular coagulation
to pre-eclampsia. Bibl Anat 12:64-9, 1973
ABRUPTIO PLACENTAE/ BLOOD
COAGULATION FACTORS, physiology/
DESOXYCORTICOSTERONE/ DISEASE
MODELS, ANIMAL/ *DISSEMINATED
INTRAVASCULAR COAGULATION, etiology/
FEMALE/ FIBRINOGEN, physiology/
FIBRINOLYSIS/ HUMAN/
HYDROXYTRYPTOPHAN/ HYPERTENSION,
chemically induced/ PLATELET
ADHESIVENESS/ PREGNANCY/ PREGNANCY
COMPLICATIONS, HEMATOLOGIC, etiology/
*PREGNANCY TOXEMIAS, complications/
PULMONARY CIRCULATION/ RABBITS/
RATS/ THROMBOPENIA, complications/
THROMBOPLASTIN, physiology
4765. Warlow C, Ogston D, Douglas AS: The effect of
chlorpromazine and antihistamines on human blood
platelets in vitro and in vivo. Bibl Anat 12:249-53, 1973
ADENOSINE DIPHOSPHATE,
pharmacodynamics/ *ANTIHISTAMINICS,
pharmacodynamics/ BLOOD CELL COUNT/
*BLOOD PLATELETS, drug effects/ BLOOD
PLATELETS, physiology/ CHLORPROMAZINE,
administration & dosage/ *CHLORPROMAZINE,
pharmacodynamics/ COMPARATIVE STUDY/
GLASS/ HUMAN/ IN VITRO/ INJECTIONS,
INTRAMUSCULAR/ PLATELET
ADHESIVENESS, drug effects/ SEROTONIN,
pharmacodynamics
4766. Warner JW, Patton JL, Gardner AL, et al: Karyotypic
analyses of twenty-one species of molossid bats
(Molossidae: Chiroptera).
Can J Genet Cytol 16:165-76, Mar 74
ANIMAL EXPERIMENTS/ BONE MARROW
CELLS, cytology/ *CHIROPTERA/
CHROMOSOME ABERRATIONS/
CHROMOSOMES/ DIPLOIDY/ FEMALE/
*KARYOTYPING/ MALE/ POLYMORPHISM
(GENETICS)/ SEX CHROMOSOMES/
VARIATION (GENETICS)
4767. Warner TF: Cell hybridisation in the genesis of ectopic
hormone-secreting tumours.
Lancet 1:1259-60, 22 Jun 74
ANIMAL EXPERIMENTS/ *CELL FUSION/
GENES, SUPPRESSOR/ *HORMONES,
ECTOPIC, secretion/ HUMAN/ *HYBRID
CELLS/ *NEOPLASTIC ENDOCRINE-LIKE
SYNDROMES, etiology/ NEOPLASTIC
ENDOCRINE-LIKE SYNDROMES, familial &
genetic/ NEOPLASTIC ENDOCRINE-LIKE
SYNDROMES, pathology
4768. Warnock ML, Fennessy J, Rippon J: Chronic
eosinophilic pneumonia, a manifestation of allergic
aspergillosis. Am J Clin Pathol 62:73-81, Jul 74
ARTERITIS, pathology/ *ASPERGILLOSIS,
complications/ ASPERGILLOSIS, diagnosis/
ASPERGILLOSIS, drug therapy/
ASPERGILLOSIS, pathology/ ASTHMA,
etiology/ BIOPSY/ BRONCHIECTASIS,
pathology/ CASE REPORT/ FEMALE/ GEL
DIFFUSION TESTS/ HUMAN/ LOEFFLER'S
SYNDROME, diagnosis/ *LOEFFLER'S
SYNDROME, etiology/ LOEFFLER'S
SYNDROME, pathology/ LUNG, pathology/
*LUNG DISEASES, FUNGAL, complications/
LUNG DISEASES, FUNGAL, diagnosis/ LUNG
DISEASES, FUNGAL, drug therapy/ LUNG
DISEASES, FUNGAL, pathology/
PREDNISONE, therapeutic use/
RECURRENCE/ *RESPIRATORY
HYPERSENSITIVITY, complications/
RESPIRATORY HYPERSENSITIVITY,
diagnosis/ RESPIRATORY
HYPERSENSITIVITY, drug therapy/
RESPIRATORY HYPERSENSITIVITY,
pathology/ SKIN TESTS
4769. Waroński W, Lenartowicz H, Chruściel A: Wpływ
prostaglandyny F1alpha, F2alpha i E1 na aktywność
monoaminooksydazy (MAO) w łożysku i mózgu samicy
szczura.
Ginekol Pol 45:399-402, Apr 74 (Pol)
*BRAIN, enzymology/ ENGLISH ABSTRACT/
FEMALE/ *MONOAMINE OXIDASE,
metabolism/ *PLACENTA, enzymology/
PREGNANCY/ *PROSTAGLANDINS,
pharmacodynamics/ RATS/ TIME FACTORS
4770. Warren RJ, Fotherby K: Proceedings:
Radioimmunoassay of synthetic progestins in plasma.
N Engl J Med 291:xxxix, 11 Jun 74
HALF-LIFE/ HUMAN/ IODINE
RADIOISOTOPES/ *NORETHINDRONE, blood/
*NORGESTREL, blood/ RABBITS, immunology/
RADIOIMMUNOASSAY
4771. Wąsek Z, Plusa T: Rola receptorów adrenergicznych w
mechanizmie skurczu oskrzeli.
Wlad Lek 27:515-20, 15 Mar 74 (Pol)
ADENYL CYCLASE, metabolism/ ANTIBODY
FORMATION/ ANTIGENS/ ASTHMA,
enzymology/ ASTHMA, immunology/ BRONCHI,
innervation/ *BRONCHIAL SPASM,
immunology/ CENTRAL NERVOUS SYSTEM,
immunology/ ENGLISH ABSTRACT/ HUMAN/
LYMPHOCYTE TRANSFORMATION/
PARASYMPATHETIC NERVOUS SYSTEM,
immunology/ PITUITARY GLAND/
*RECEPTORS, ADRENERGIC/ SYMPATHETIC
NERVOUS SYSTEM, immunology
4772. Watanabe M, Arikawa H, Kasuya Y: Proceedings:
Acute toxicity of cyclic AMP in mice.
Jap J Pharmacol 24:Suppl:50, 1974
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, toxicity/ ANIMAL
EXPERIMENTS/ ATAXIA, chemically induced/
FEMALE/ MALE/ RESPIRATORY
PARALYSIS, chemically induced
4773. Watanabe S, Koketsu K: Proceedings: 301. Effects of
5-hydroxytryptamine(5-HT) on membrane potentials
in bullfrog's sympathetic ganglia.
J Physiol Soc Jap 35:509, Aug-Sep 73
ANIMAL EXPERIMENTS/ *GANGLIA,
AUTONOMIC, drug effects/ *MEMBRANE
POTENTIALS, drug effects/ RANA
CATESBEIANA/ *SEROTONIN,
pharmacodynamics/ STIMULATION,
CHEMICAL
4774. Watanabe S, Nishi H, Ueki S: [Electroencephalographic
effects of hydroxyzine hydrochloride (Atarax)]
Folia Pharmacol Jap 70:19-37, Jan 74 (Jap)
ACOUSTIC STIMULATION/ AMYGDALOID
BODY, drug effects/ ANIMAL
EXPERIMENTS/ CHLORPROMAZINE,
pharmacodynamics/ COMPARATIVE STUDY/
DIAZEPAM, pharmacodynamics/ ELECTRODES,
IMPLANTED/
ELECTROENCEPHALOGRAPHY/ ENGLISH
ABSTRACT/ EVOKED POTENTIALS, drug
effects/ HIPPOCAMPUS, drug effects/
*HYDROXYZINE, pharmacodynamics/
HYPOTHALAMUS, drug effects/ LIMBIC
SYSTEM, drug effects/ MALE/ PHOTIC
STIMULATION/ RETICULAR FORMATION,
drug effects/ THALAMUS, drug effects
4775. Watson RA, Lennox KW, Gangai MP: Simple
cryptorchidism: the value of the excretory urogram as
a screening method. J Urol 111:789-90, Jun 74
ADULT/ CHILD, PRESCHOOL/
CRYPTORCHISM, complications/
*CRYPTORCHISM, radiography/ DILATATION/
HUMAN/ MALE/ MASS SCREENING/
PROSPECTIVE STUDIES/ URETERAL
DISEASES, radiography/ *UROGRAPHY/
UROLOGIC DISEASES, complications/
*UROLOGIC DISEASES, radiography

AUTHOR SECTION

4776. Wattenberg LW: Inhibition of carcinogenic and toxic effects of polycyclic hydrocarbons by several sulfur-containing compounds.
J Natl Cancer Inst 52:1583-7, May 74
ADENOMA, chemically induced/
ADMINISTRATION, ORAL/ ADRENAL GLANDS, drug effects/ ALDEHYDE OXIDOREDUCTASES/ ANIMAL EXPERIMENTS/ *BENZANTHRACENES/ *BENZOPYRENES/ BENZYL COMPOUNDS/ DIET/ *DISULFIRAM, pharmacodynamics/ FEMALE/ INTESTINES, enzymology/ INTUBATION/ LIVER, enzymology/ LUNG NEOPLASMS, chemically induced/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MICE/ MICE, INBRED A/ MICE, INBRED ICR/ *NEOPLASMS, EXPERIMENTAL, chemically induced/ RATS/ STOMACH, enzymology/ STOMACH NEOPLASMS, chemically induced/ *THIOCARBAMATES, pharmacodynamics/ *THIOCYANATES, pharmacodynamics
4777. Waxman S, Schreiber C: Measurement of serum folate levels and serum folic acid-binding protein by 3H-PGA radioassay. Blood 42:281-90, Aug 73
ANIMAL EXPERIMENTS/ BETA GLOBULIN/ *BLOOD PROTEINS, analysis/ CONTRACEPTIVES, ORAL/ FEMALE/ *FOLIC ACID, blood/ FOLIC ACID DEFICIENCY, blood/ GLUTAMATES/ HUMAN/ LACTOBACILLUS CASEI/ LACTOGLOBULINS/ LIVER DISEASES, blood/ MALE/ METHODS/ MULTIPLE MYELOMA, blood/ *PROTEIN BINDING/ TRITIUM
4778. Wayne FK, Rosen OM: Cyclic 3':5'-adenosine monophosphate in Escherichia coli during transient and catabolite repression.
Proc Natl Acad Sci USA 71:1436-40, Apr 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ADENYL CYCLASE, metabolism/ CULTURE MEDIA/ ENZYME REPRESSION/ ESCHERICHIA COLI, analysis/ ESCHERICHIA COLI, enzymology/ *ESCHERICHIA COLI, metabolism/ GALACTOSIDASE, biosynthesis/ GLUCOSE, metabolism/ GLYCERIN, metabolism/ MUTATION
4779. Wayne MJ: Specificity of behavioral regulation.
Physiol Behav 12:851-69, May 74 (136 ref.)
ADAPTATION, BIOLOGICAL/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ BODY WEIGHT/ BRAIN STEM, physiology/ CONDITIONING, OPERANT/ *DRINKING/ DRINKING BEHAVIOR, drug effects/ EATING, drug effects/ FOOD DEPRIVATION/ GLUCOSE, pharmacodynamics/ HYPOTHALAMUS, physiology/ INSULIN, pharmacodynamics/ MALE/ MODELS, BIOLOGICAL/ MOTOR ACTIVITY/ OSMOLAR CONCENTRATION/ REINFORCEMENT (PSYCHOLOGY)/ RESEARCH DESIGN/ REVIEW/ SODIUM CHLORIDE, pharmacodynamics/ WATER DEPRIVATION/ WATER-ELECTROLYTE BALANCE
4780. Weaver DD, Graham CB, Thomas IT, et al: A new overgrowth syndrome with accelerated skeletal maturation, unusual facies, and camptodactyly.
J Pediatr 84:547-52, Apr 74
*ABNORMALITIES, MULTIPLE/ AGE DETERMINATION BY SKELETON/ AMINO ACIDS, blood/ AMINO ACIDS, urine/ *BONE DISEASES, DEVELOPMENTAL, congenital/ CRANIOFACIAL DYSOSTOSIS, complications/ EAR, abnormalities/ *FACE, abnormalities/ FEMUR, radiography/ *FINGERS, abnormalities/ *GROWTH DISORDERS, congenital/ HAND, radiography/ HUMAN/ INSULIN, blood/ LIP, abnormalities/ LIPIDS, blood/ MALE/ MANDIBLE, abnormalities/ MOUTH, abnormalities/ MUCOPOLYSACCHARIDES, urine/ MUSCLE TONUS/ SOMATOTROPIN, blood/ SYNDROME/ VOICE
4781. Weber G, Fabbrini P, Resi L: Aspetti ultrastrutturali dell superficie endoteliale aortica di coniglio nelle fasi precoci dell'aterogenesi colesterolica sperimentale, sotto l'influsso rispettivamente di Tween 80 e di metilprednisolone.
Boll Soc Ital Biol Sper 49:748-50, 30 Jul 73 (Ita)
ANIMAL EXPERIMENTS/ AORTA, pathology/ *AORTIC DISEASES, pathology/ ARTERIOSCLEROSIS, chemically induced/ *ARTERIOSCLEROSIS, pathology/ *CHOLESTEROL/ ENDOTHELIUM, pathology/ HEXOSES, pharmacodynamics/ *METHYLPREDNISOLONE, pharmacodynamics/ OLEIC ACID, pharmacodynamics/ *POLYETHYLENE GLYCOLS, pharmacodynamics/ RABBITS/ *SURFACE-ACTIVE AGENTS, pharmacodynamics
4782. Weder HG, Schildknecht J, Lutz RA, et al: Determination of binding parameters from Scatchard plots. Theoretical and practical considerations.
Eur J Biochem 42:475-81, 1 Mar 74
ANALYSIS OF VARIANCE/ *BINDING SITES/ BLOOD PROTEINS/ COMPARATIVE STUDY/ DIALYSIS/ EVALUATION STUDIES/ FEMALE/ HUMAN/ KINETICS/ MATHEMATICS/ METHODS/ MODELS, BIOLOGICAL/ PREGNANCY/ PROTEIN BINDING/ TESTOSTERONE/ TIME FACTORS
4783. Weeke E, Thaysen JH: The effect of extracorporeal irradiation of the blood in necrokidney transplantation. Three years' follow-up study.
Acta Med Scand 195:485-91, Jun 74
ANTIBODIES/ AZATHIOPRINE, therapeutic use/ *CADAVER/ CHRONIC DISEASE/ CREATININE, blood/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ FOLLOW-UP STUDIES/ GLOMERULONEPHRITIS, surgery/ *GRAFT REJECTION, radiation effects/ HUMAN/ *KIDNEY, transplantation/ KIDNEY, POLYCYSTIC, surgery/ LYMPHOTOXIN, blood/ MALE/ PREDNISONE, therapeutic use/ PYELONEPHRITIS, surgery/ *RADIATION EFFECTS/ TIME FACTORS/ TISSUE SURVIVAL, radiation effects/ TRANSPLANTATION, HOMOLOGOUS
4784. Weeke J: The influence of the circadian thyrotropin rhythm on the thyrotropin response to thyrotropin-releasing hormone in normal subjects.
Scand J Clin Lab Invest 33:17-20, Feb 74
ADULT/ *CIRCADIAN RHYTHM/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ RADIOIMMUNOASSAY/ SEX FACTORS/ STIMULATION, CHEMICAL/ *THYROTROPIN, blood/ THYROTROPIN, metabolism/ *THYROTROPIN RELEASING HORMONE, pharmacodynamics/ TIME FACTORS
4785. Weerden H, Gruntjens L, Petersen-Mahrt I: Nahtmaterial und Cortison in der Trachealchirurgie. Eine tierexperimentelle Studie.
Laryngol Rhinol Otol (Stuttg) 53:181-7, Mar 74 (Ger)
ANIMAL EXPERIMENTS/ CONNECTIVE TISSUE, drug effects/ CORTISONE, pharmacodynamics/ *CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ ESTERS/ GRANULATION TISSUE, drug effects/ METHODS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ SUTURE TECHNIQS/ *SUTURES/ *TRACHEA, surgery/ TRACHEAL STENOSIS, prevention & control
4786. Weigle WO: Experimental autoimmune thyroiditis.
Pathol Annu 8:329-47, 1973 (70 ref.)
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY COMPLEX/ *AUTOIMMUNE DISEASES/ AUTOIMMUNE DISEASES, immunology/ CHICKENS/ *DISEASE MODELS, ANIMAL/ FREUND'S ADJUVANT, pharmacodynamics/ GAMMA GLOBULIN/ IMMUNITY, CELLULAR/ IMMUNIZATION/ KIDNEY, immunology/ RATS/ REVIEW/ SERUM ALBUMIN/ SERUM ALBUMIN, BOVINE/ THYROGLOBULIN/

AUTHOR SECTION

- *THYROIDITIS, immunology/ THYROIDITIS, veterinary
4787. Weiner RI: Hypothalamic monoamine levels and gonadotrophin secretion following deafferentation of the medial basal hypothalamus. *Prog Brain Res* 39:165-70, 1973
ANIMAL EXPERIMENTS/ DENERVATION/
*DOPAMINE, metabolism/ FEMALE/
*GONADOTROPINS, secretion/
HYPOTHALAMUS, innervation/
*HYPOTHALAMUS, metabolism/
HYPOTHALAMUS, secretion/
*NEUROHUMORS, metabolism/
NOREPINEPHRINE/ RATS/ *SEROTONIN, metabolism
4788. Weinstein I, Seltzer M, Belitsky R: The interrelation of glucagon and gonadectomy upon hepatic triglyceride metabolism in rats. *Biochim Biophys Acta* 348:14-22, 26 Apr 74
ANIMAL EXPERIMENTS/ CASTRATION/
COMPARATIVE STUDY/ FEMALE/
*GLUCAGON, pharmacodynamics/ GLUCOSE, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ LIVER, secretion/ MALE/
ORGAN WEIGHT/ *OVARY, physiology/
PERFUSION/ SEX FACTORS/ *TESTIS, physiology/ *TRIGLYCERIDES, metabolism/
TRIGLYCERIDES, secretion/ UREA, metabolism
4789. Weintraub BM, McHenry LC Jr: Cardiac abnormalities in subarachnoid hemorrhage: a resumé. *Stroke* 5:384-92, May-Jun 74 (88 ref.)
ANIMAL EXPERIMENTS/ ARRHYTHMIA, etiology/ ASPARTATE AMINOTRANSFERASE, blood/ AURICULAR FIBRILLATION, etiology/
BRADYCARDIA, etiology/ CENTRAL NERVOUS SYSTEM DISEASES, complications/
CREATINE KINASE, blood/
ELECTROCARDIOGRAPHY/ HEART BLOCK, etiology/ HEART DISEASES, diagnosis/
HEART DISEASES, etiology/ HEMORRHAGE, etiology/ HUMAN/ HYPOTHALAMUS/ LUNG DISEASES, etiology/ MYOCARDIUM, pathology/ PROSPECTIVE STUDIES/
PULMONARY EDEMA, etiology/ REVIEW/
SKULL FRACTURES, complications/
*SUBARACHNOID HEMORRHAGE, complications/ SUBARACHNOID HEMORRHAGE, pathology/ SYMPATHETIC NERVOUS SYSTEM/ TACHYCARDIA, etiology
4790. Weirich EG, Longauer J: Tierexperimentelle Vergleichsuntersuchung über die Epidermishypoplasie durch Externecorticoide. *Z Hautkr* 49:91-106, 1 Feb 74 (Ger)
ANIMAL EXPERIMENTS/ ATROPHY, chemically induced/ BETAMETHASONE, adverse effects/ COMPARATIVE STUDY/
FLUMETHASONE, adverse effects/
GLUCOCORTICIDS, TOPICAL, administration & dosage/ *GLUCOCORTICIDS, TOPICAL, adverse effects/ GUINEA PIGS/
HYDROCORTISONE, adverse effects/ MALE/
*SKIN, drug effects
4791. Weisbrode SE, Capen CC, Nagode LA: Influence of parathyroid hormone on ultrastructural and enzymatic changes induced by vitamin D in bone of thyroparathyroidectomized rats. *Lab Invest* 30:786-94, Jun 74
ADENOSINE TRIPHOSPHATASE, metabolism/
ALKALINE PHOSPHATASE, metabolism/
ANIMAL EXPERIMENTS/ BONE AND BONES, cytology/ *BONE AND BONES, drug effects/
BONE AND BONES, enzymology/ BONE RESORPTION, drug effects/ CALCIUM, blood/
CALCIUM, metabolism/ DRUG SYNERGISM/
ENDOPLASMIC RETICULUM, drug effects/
GOLGI APPARATUS, drug effects/
HYDROXYPROLINE, urine/ MALE/
MICROSCOPY, ELECTRON/ OSTEOBLASTS, cytology/ OSTEOBLASTS, drug effects/
OSTEOCLASTS, cytology/ OSTEOCLASTS, drug effects/ OSTEOCYTES, cytology/
OSTEOCYTES, drug effects/ *PARATHYROID GLANDS, physiology/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE, pharmacodynamics/ PHOSPHORUS, blood/ *THYROID GLAND, physiology/ THYROIDECTOMY/ *VITAMIN D, pharmacodynamics
4792. Weisbrode SE, Capen CC, Nagode LA: Effects of parathyroid hormone on bone of thyroparathyroidectomized rats: an ultrastructural and enzymatic study. *Am J Pathol* 75:529-41, Jun 74
ADENOSINE TRIPHOSPHATASE, analysis/
ALKALINE PHOSPHATASE, analysis/
ANIMAL EXPERIMENTS/ BONE AND BONES, cytology/ BONE AND BONES, drug effects/
BONE AND BONES, enzymology/ *BONE AND BONES, metabolism/ BONE AND BONES, pathology/ CALCIUM, blood/
HYDROXYPROLINE, urine/ MALE/
MICROSCOPY, ELECTRON/ OSTEOBLASTS, cytology/ OSTEOCLASTS, cytology/
OSTEOCYTES, cytology/ *PARATHYROID GLANDS, physiology/ *PARATHYROID HORMONE, pharmacodynamics/ PHOSPHORUS, blood/ *THYROID GLAND, physiology/ THYROIDECTOMY
4793. Weiss HD, Walker MD, Wiernik PH: Neurotoxicity of commonly used antineoplastic agents (second of two parts). *Lancet* 1:127-33, 29 Jun 74 (73 ref.)
ACHILLES TENDON, drug effects/ ANIMAL EXPERIMENTS/ *ANTINEOPLASTIC AGENTS, toxicity/ AUTONOMIC NERVOUS SYSTEM, drug effects/ CENTRAL NERVOUS SYSTEM DISEASES, chemically induced/
CONVULSIONS, chemically induced/ CRANIAL NERVES, drug effects/ GASTROINTESTINAL DISEASES, chemically induced/ HODGKIN'S DISEASE, drug therapy/ HUMAN/
LYMPHOMA, drug therapy/ MOTOR ACTIVITY, drug effects/ *NERVOUS SYSTEM, drug effects/ *NERVOUS SYSTEM DISEASES, chemically induced/ NEUROLOGIC MANIFESTATIONS/ NITROGEN MUSTARD COMPOUNDS, therapeutic use/ NITROGEN MUSTARD COMPOUNDS, toxicity/
PARESTHESIA, chemically induced/
PERIPHERAL NERVE DISEASES, chemically induced/ PROCARBAZINE, therapeutic use/
PROCARBAZINE, toxicity/ REFLEX, TENDON/ REVIEW/ VASOPRESSIN, secretion/
VINBLASTINE, toxicity/ VINCRISTINE, therapeutic use/ VINCRISTINE, toxicity
4794. Weiss J, Kabisch K: Jahreszyklische Untersuchungen der Catecholamine im Hypothalamus von Triturus vulgaris (L). *Acta Histochem (Jena)* 46:319-21, 1973 (Ger)
ANIMAL EXPERIMENTS/ *BIOLOGICAL CLOCKS/ BODY TEMPERATURE/
*CATECHOLAMINES, analysis/ FEMALE/
FLUORESCENCE/ *HYPOTHALAMUS, analysis/
MALE/ SEASONS/ TEMPERATURE/
*TRITURUS, physiology
4795. Weiss JM, Gray P: Hormones and avoidance behavior: a different approach points to a role for mineralocorticoids. *Prog Brain Res* 39:471-80, 1973
ANIMAL EXPERIMENTS/ *AVOIDANCE LEARNING, drug effects/ BEHAVIOR, ANIMAL/ *MINERALOCORTICIDS, pharmacodynamics/ RATS/ STRESS
4796. Weiss M, Müller H, Kröppel T, et al: Nierenarterienstenose und Pheochromozytom. *Verh Dtsch Ges Inn Med* 79:812-4, 1973 (Ger)
*ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, surgery/ ADULT/ FEMALE/
HUMAN/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, surgery/ *RENAL ARTERY OBSTRUCTION, complications/ RENAL ARTERY OBSTRUCTION, surgery
4797. Weiss RB: Bone marrow biopsy in malignant disease. *Postgrad Med* 56:111-5, Jul 74
AGE FACTORS/ *BIOPSY, instrumentation/
BONE MARROW, pathology/ *BONE MARROW EXAMINATION/ CARCINOMA, OAT CELL, pathology/ HEPATOMA, pathology/
HODGKIN'S DISEASE, pathology/ HUMAN/

AUTHOR SECTION

- LEUKEMIA, MYELOCYTIC, pathology/ LIVER NEOPLASMS, pathology/ LUNG NEOPLASMS, pathology/ MALE/ METHODS/ *NEOPLASMS, pathology/ SPINE, pathology
4798. Weiss SR: Letter: Testing in pheochromocytoma and another endocrine tumor.
Ann Intern Med 81:116-7, Jul 74
CARCINOMA, complications/ *CARCINOMA, diagnosis/ GLUCAGON, diagnostic use/ HUMAN/ MALE/ PHEOCHROMOCYTOMA, complications/ *PHEOCHROMOCYTOMA, diagnosis/ THYROID NEOPLASMS, complications/ *THYROID NEOPLASMS, diagnosis/ TYRAMINE, diagnostic use
4799. Weissbach L, Lange CE, Rodermund OE, et al: Fertilitätsstörungen bei behandelten Hodentumormpatienten.
Urologe [A] 13:80-5, Mar 74 (Ger)
ADULT/ AGE FACTORS/ ANTINEOPLASTIC AGENTS, adverse effects/ DISGERMINOMA, drug therapy/ EJACULATION/ ENGLISH ABSTRACT/ HUMAN/ LIBIDO/ LYMPH NODE EXCISION, adverse effects/ MALE/ MIDDLE AGE/ RADIATION PROTECTION/ RADIOTHERAPY, adverse effects/ RADIOTHERAPY DOSAGE/ SEMEN/ SPERMATOGENESIS/ *STERILITY, MALE, etiology/ TERATOID TUMOR, drug therapy/ *TESTICULAR NEOPLASMS, complications/ TESTICULAR NEOPLASMS, drug therapy/ TESTICULAR NEOPLASMS, radiotherapy/ TESTICULAR NEOPLASMS, surgery/ TESTIS, drug effects/ TESTIS, pathology/ TISSUE PRESERVATION
4800. Weissler A: Fluorometric analysis.
Anal Chem 46:500R-521R, Apr 74 (999 ref.)
ALKALOIDS, analysis/ AMINES, analysis/ AMINO ACIDS, analysis/ BODY FLUIDS, analysis/ DANSYL COMPOUNDS, analysis/ DOSAGE FORMS/ ENZYMES, analysis/ *HORMONES, analysis/ METALS, analysis/ METHODS/ NUCLEIC ACIDS, analysis/ PESTICIDES, analysis/ PHARMACEUTIC AIDS, analysis/ PROTEINS, analysis/ REVIEW/ *SPECTROMETRY, FLUORESCENCE/ SPECTROMETRY, FLUORESCENCE, instrumentation/ STEROIDS, analysis/ VITAMINS, analysis
4801. Weissman EB, Cheng LC, Orten JM: The role of certain 5beta-H-steroids in the regulation of porphyrin-heme formation. Enzyme 16:286-94, 1973
ALLYLISOPROPYLACETAMIDE, pharmacodynamics/ AMINOLEVULINIC ACID SYNTHETASE, metabolism/ ANIMAL EXPERIMENTS/ CHOLESTEROL, blood/ COMPARATIVE STUDY/ CYCLOHEXANE/ FEMALE/ *HEME, biosynthesis/ HYPERCHOLESTEREMIA, chemically induced/ HYPERCHOLESTEREMIA, enzymology/ MICE/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, enzymology/ *PORPHYRINS, biosynthesis/ *PREGNANES, pharmacodynamics/ PYRIDINES, pharmacodynamics/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, INFRARED/ SPECTROPHOTOMETRY, ULTRAVIOLET
4802. Weissman EB, Cheng LC, Orten JM: The combined effects of pregnanolone and porphyrinogenic agents on hepatic delta-aminolevulinic acid synthetase in mice. Biochem Med 9:334-41, Apr 74
*ACETAMIDES, pharmacodynamics/ ALLYLISOPROPYLACETAMIDE, pharmacodynamics/ *AMINOLEVULINIC ACID SYNTHETASE, metabolism/ ANIMAL EXPERIMENTS/ BENZYL COMPOUNDS, pharmacodynamics/ COMPARATIVE STUDY/ CYCLOHEXANE, pharmacodynamics/ ETHYL ETHERS, pharmacodynamics/ FEMALE/ HYDROXYSTEROIDS, pharmacodynamics/ KETOSTEROIDS, pharmacodynamics/ METHYLAMINES, pharmacodynamics/ MICE/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, enzymology/ *PORPHYRINS, metabolism/ *PREGNANES, pharmacodynamics/ *PYRIDINES, pharmacodynamics
4803. Weltgasser N: Vergleichende klinische Prüfung von drei lokal wirksamen Substanzen bei verschiedenen Ekzemformen. Hautarzt 24:555-8, Dec 73 (Ger)
ADMINISTRATION, TOPICAL/ *ANTI-INFLAMMATORY AGENTS, TOPICAL, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *DERMATOLOGIC AGENTS, therapeutic use/ DRUG EVALUATION/ *ECZEMA, drug therapy/ FEMALE/ HUMAN/ MALE/ NEURODERMATITIS, drug therapy/ OXAZOLES, administration & dosage/ OXAZOLES, therapeutic use/ PLACEBOS/ PREGNADIENEDIOLS, administration & dosage/ *PREGNADIENEDIOLS, therapeutic use/ STEROIDS, FLUORINATED, administration & dosage/ STEROIDS, FLUORINATED, therapeutic use/ TIME FACTORS/ TRIAMCINOLONE ACETONIDE, administration & dosage/ *TRIAMCINOLONE ACETONIDE, therapeutic use
4804. Weltzman ED, Nogueira C, Perlow M, et al: Effects of a prolonged 3-hour sleep-wake cycle on sleep stages, plasma cortisol, growth hormone and body temperature in man.
J Clin Endocrinol Metab 38:1018-30, Jun 74
ADULT/ *BODY TEMPERATURE/ CIRCADIAN RHYTHM/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ *SLEEP/ SLEEP DEPRIVATION/ SLEEP, REM/ SLEEP STAGES/ *SOMATOTROPIN, blood/ TIME FACTORS/ *WAKEFULNESS
4805. Weltzman S, Berger S: Clinical trial design in studies of corticosteroids for bacterial infections.
Ann Intern Med 81:36-42, Jul 74 (49 ref.)
*BACTERIAL INFECTIONS, drug therapy/ BACTERIAL INFECTIONS, mortality/ BACTERIAL INFECTIONS, occurrence/ BETAMETHASONE, therapeutic use/ CLINICAL RESEARCH/ CORTICOTROPIN, therapeutic use/ CORTISONE, therapeutic use/ DEXAMETHASONE, therapeutic use/ GLUCOCORTICOIDS, administration & dosage/ GLUCOCORTICOIDS, adverse effects/ *GLUCOCORTICOIDS, therapeutic use/ GRAM NEGATIVE BACTERIA, drug effects/ HUMAN/ HYDROCORTISONE, adverse effects/ HYDROCORTISONE, therapeutic use/ MENINGITIS, drug therapy/ MENINGITIS, mortality/ MENINGITIS, occurrence/ METHYLPREDNISOLONE, therapeutic use/ PREDNISONE, therapeutic use/ PROSPECTIVE STUDIES/ RETROSPECTIVE STUDIES/ REVIEW/ SHOCK, ENDOTOXIC, drug therapy/ SHOCK, ENDOTOXIC, mortality/ SHOCK, ENDOTOXIC, occurrence
4806. Welch CE: Cancer of the gastrointestinal tract. Late effects of gastrectomy. JAMA 228:1287-9, 3 Jun 74
AFFERENT LOOP SYNDROME, etiology/ ANEMIA, MACROCYTIC, etiology/ DIARRHEA, etiology/ DUMPING SYNDROME, etiology/ FOLIC ACID DEFICIENCY, etiology/ GASTRECTOMY/ GASTRIC JUICE, metabolism/ GASTRIN, metabolism/ HUMAN/ INTESTINAL ABSORPTION/ INTRINSIC FACTOR, metabolism/ MUCUS, metabolism/ OSTEOPOROSIS, etiology/ POSTGASTRECTOMY SYNDROMES, surgery/ *POSTGASTRECTOMY SYNDROMES, therapy/ *STOMACH NEOPLASMS, surgery/ VITAMIN B 12 DEFICIENCY, etiology/ VOMITING, etiology
4807. Welch KM, Spira PJ, Knowles L, et al: Simultaneous measurement of internal and external carotid blood flow in the monkey. An approach to the study of migraine mechanisms.
Neurology (Minneapolis) 24:450-7, May 74
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CARBON DIOXIDE, blood/ CARBON DIOXIDE, pharmacodynamics/ CAROTID ARTERIES, drug effects/ *CAROTID ARTERIES, physiopathology/ CAROTID ARTERY,

AUTHOR SECTION

- EXTERNAL, physiopathology/ CAROTID ARTERY, INTERNAL, physiopathology/ *CEREBROVASCULAR CIRCULATION, drug effects/ DISEASE MODELS, ANIMAL/ GANGLIA, AUTONOMIC, physiology/ HYDROGEN-ION CONCENTRATION/ MACACA/ METHODS/ METHYSERGIDE, pharmacodynamics/ MIGRAINE, drug therapy/ *MIGRAINE, physiopathology/ MONKEYS/ OXYGEN, blood/ PAPAVERINE, pharmacodynamics/ PARTIAL PRESSURE/ *SEROTONIN, pharmacodynamics/ VASCULAR RESISTANCE, drug effects
4808. Welch RM, House WA, Allaway WH: Availability of zinc from pea seeds to rats. *J Nutr* 104:733-40, Jun 74
ABSORPTION/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ CALCIUM, metabolism/ DEFICIENCY DISEASES, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FERTILIZERS/ HEAT/ INOSITOL, metabolism/ *INOSITOL, pharmacodynamics/ MALE/ PLANTS, EDIBLE, metabolism/ RADIOISOTOPES/ RATS/ SEEDS, growth & development/ *SEEDS, metabolism/ SEEDS, physiology/ SULFATES, metabolism/ *VEGETABLES/ ZINC, administration & dosage/ *ZINC, metabolism/ ZINC ISOTOPES
4809. Wellby ML, O'Halloran MW, Marshall J: A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74
COMPARATIVE STUDY/ EVALUATION STUDIES/ GEL FILTRATION/ HUMAN/ IODINE, blood/ IODINE RADIOISOTOPES/ METHODS/ *PROTEIN-BOUND IODINE TEST/ RESINS/ SERUM ALBUMIN, blood/ *THYROID DISEASES, diagnosis/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ *THYROXINE-BINDING PROTEIN, metabolism
4810. Wellby ML, O'Halloran MW, Marshall J: A comparison of effective thyroxine ratio, free thyroxine index and free thyroxine concentration in correcting for thyroxine-binding abnormalities in serum. *Clin Endocrinol (Oxf)* 3:63-8, Jan 74 (17 ref.)
BINDING, COMPETITIVE/ COMPARATIVE STUDY/ HUMAN/ REVIEW/ SERUM ALBUMIN, metabolism/ SERUM GLOBULINS, metabolism/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ *THYROXINE-BINDING PROTEIN, metabolism/ TRIIODOTHYRONINE, metabolism
4811. Wellby ML, Pharoah PO, Hetzel BS: Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74
AUSTRALIA/ COMPARATIVE STUDY/ CRETINISM, blood/ CRETINISM, drug therapy/ *CRETINISM, metabolism/ CRETINISM, occurrence/ GOITER, ENDEMIC, blood/ GOITER, ENDEMIC, drug therapy/ *GOITER, ENDEMIC, metabolism/ *GOITER, ENDEMIC, occurrence/ HUMAN/ IODIDES, blood/ IODIDES, therapeutic use/ IODINE RADIOISOTOPES/ NEW GUINEA/ PROTEIN BINDING/ SERUM ALBUMIN, metabolism/ THYROXINE, blood/ *THYROXINE-BINDING PROTEIN, metabolism
4812. Wellby ML, Pharoah PO, Hetzel BS: Changes in serum thyroxine-binding proteins in endemic goitre and endemic cretinism. *Clin Endocrinol (Oxf)* 3:49-54, Jan 74
AUSTRALIA/ COMPARATIVE STUDY/ *CRETINISM, blood/ FEMALE/ *GOITER, ENDEMIC, blood/ HUMAN/ NEW GUINEA/ SERUM ALBUMIN, metabolism/ SERUM GLOBULINS, metabolism/ THYROXINE, blood/ *THYROXINE-BINDING PROTEIN, metabolism
4813. Weller M: A theoretical treatment of the turnover of protein-bound phosphate in the presence of both protein kinase and phosphatase activities. *Biochim Biophys Acta* 343:565-83, 24 May 74
BINDING SITES/ BRAIN, cytology/ BRAIN, drug effects/ BRAIN, enzymology/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ COMPARATIVE STUDY/ IODIDES, pharmacodynamics/ KINETICS/ MATHEMATICS/ MEMBRANES, enzymology/ MICROSOMES, enzymology/ MODELS, BIOLOGICAL/ *PHOSPHATASES, metabolism/ *PHOSPHOPROTEINS, metabolism/ PHOSPHORUS RADIOISOTOPES/ PROTEIN BINDING/ *PROTEIN KINASE, metabolism/ PROTEINS/ SODIUM, pharmacodynamics/ SYNAPTOSOMES, enzymology/ TIME FACTORS
4814. Wells FR: Carbon labeling of injured microvessels--relation to vascular permeability and microvascular patency. *Bibl Anat* 12:146-51, 1973
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE, pathology/ BRADYKININ, pharmacodynamics/ *CAPILLARY PERMEABILITY, drug effects/ CARBON, diagnostic use/ CARBON, metabolism/ ENDOTHELIUM, drug effects/ ENDOTHELIUM, pathology/ HISTAMINE, pharmacodynamics/ MICROCIRCULATION, drug effects/ *MICROCIRCULATION, pathology/ MICROSCOPY, ELECTRON/ MUSCLES, blood supply/ PHOSPHOLIPASE, pharmacodynamics/ RATS/ SEROTONIN, pharmacodynamics/ VEINS, drug effects/ VEINS, pathology
4815. Welsch CW, Iturri G, Meltes J: Comparative effects of hypophysectomy, ergocornine and ergocornine-reserpine treatments on rat mammary carcinoma. *Int J Cancer* 12:206-12, 15 Jul 73
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ DRUG THERAPY, COMBINATION/ ERGOT ALKALOIDS, administration & dosage/ *ERGOT ALKALOIDS, therapeutic use/ FEMALE/ *HYPOPHYSECTOMY/ INJECTIONS, INTRADERMAL/ MAMMAE, pathology/ MAMMARY NEOPLASMS, EXPERIMENTAL, drug therapy/ MAMMARY NEOPLASMS, EXPERIMENTAL, pathology/ *MAMMARY NEOPLASMS, EXPERIMENTAL, therapy/ ORGAN WEIGHT/ OVARY, pathology/ PITUITARY GLAND, pathology/ PROLACTIN, blood/ RADIOIMMUNOASSAY/ RATS/ RESERPINE, administration & dosage/ *RESERPINE, therapeutic use/ THYROID GLAND, pathology/ TIME FACTORS/ UTERUS, pathology
4816. Welshons WJ: The cytogenetic analysis of a fractured gene in *Drosophila*. *Genetics* 76:775-94, Apr 74
ALLELES/ ANIMAL EXPERIMENTS/ CHROMOSOME ABNORMALITIES/ CHROMOSOME MAPPING/ CROSSING OVER (GENETICS)/ *DROSOPHILA MELANOGASTER/ FEMALE/ GENES, LETHAL/ GENES, RECESSIVE/ GENETIC CODE/ HETEROZYGOTE/ MALE/ MUTATION/ OPERON/ RECOMBINATION, GENETIC/ SALIVARY GLANDS, cytology/ *SEX CHROMOSOMES/ WING, abnormalities
4817. Welter DA, Lewis LW Jr, Scharff L 3d, et al: Klinefelter's syndrome with anophthalmos. *Am J Ophthalmol* 77:895-8, Jun 74
ABNORMALITIES, MULTIPLE, familial & genetic/ *ANOPHTHALMOS, etiology/ ANOPHTHALMOS, familial & genetic/ ARTERIES, abnormalities/ AUTOPSY/ BRAIN, pathology/ CIRCLE OF WILLIS, abnormalities/ HUMAN/ KARYOTYPING/ *KLINEFELTER'S SYNDROME, complications/ KLINEFELTER'S SYNDROME, familial & genetic/ MALE/ OPTIC CHIASM, abnormalities/ OPTIC NERVE, abnormalities/ SPINAL CORD, pathology/ TESTIS, pathology
4818. Wende W, Ochs HG: Das Renin-Angiotensinsystem bei persistierender orthostatischer Hypotonie nach Guanacilin. *Verh Dtsch Ges Inn Med* 79:752-4, 1973 (Ger)
*ANGIOTENSIN, analysis/ ANGIOTENSIN, pharmacodynamics/ *ANTIHYPERTENSIVE AGENTS, adverse effects/ *GUANIDINES,

AUTHOR SECTION

- adverse effects/ HUMAN/ *HYPOTENSION, ORTHOSTATIC, chemically induced/ MALE/ MIDDLE AGE/ NATRIURESIS/ POSTURE/ PYRIDINES, adverse effects/ *RENIN, analysis
4819. Wennmalm A, Pham-Huu-Chanh, Junstad S: Hypoxia causes prostaglandin release from perfused rabbit hearts. *Acta Physiol Scand* 91:133-5, May 74
ANIMAL EXPERIMENTS/ *ANOXIA, metabolism/ BLOOD PRESSURE/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ *HYPOGLYCEMIA, metabolism/ MALE/ *MYOCARDIUM, secretion/ PERFUSION/ *PROSTAGLANDINS, secretion
4820. Went DF: Beziehungen zwischen Ovarkapazität, Mutterlarvenlänge und Nachkommenzahl bei der paedogenetischen Gallmücke *Heteropeza pygmaea* (Dipt., Itonididae). *Rev Suisse Zool* 80:751-61, 1973 (Ger)
ANIMAL EXPERIMENTS/ CELL COUNT/ DIPTERA, anatomy & histology/ *DIPTERA, physiology/ ENGLISH ABSTRACT/ FEMALE/ LARVA/ MALE/ OVARY, cytology/ OVUM
4821. Went M, Csaba B: Effect of cortisone treatment and adrenalectomy on 5-hydroxytryptophan decarboxylase and monoamine oxidase activity in mouse tissues. *Acta Physiol Acad Sci Hung* 43:233-7, 1973
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ *DOPA DECARBOXYLASE, metabolism/ FEMALE/ GASTROINTESTINAL SYSTEM, enzymology/ MALE/ MICE/ *MONOAMINE OXIDASE, metabolism/ SEROTONIN, blood
4822. Wentink GH, Breeuwsma AJ, Goedegebuure SA, et al: Drie gevallen van hermaphroditismus bij de hond. *Tijdschr Diergeneesk* 98:437-45, 1 May 73 (Dut)
ANIMAL EXPERIMENTS/ CRYPTORCHISM, etiology/ *DOG DISEASES, diagnosis/ ENDOMETRITIS, etiology/ ENGLISH ABSTRACT/ FEMALE/ *HERMAPHRODITISM, veterinary/ KARYOTYPING/ MALE/ VAGINA, pathology
4823. Wenz B, Klein RL, Lalezari P: Tetracycline-induced immune hemolytic anemia. *Transfusion* 14:265-9, May-Jun 74
*ANEMIA, HEMOLYTIC, AUTOIMMUNE, chemically induced/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ANIMAL EXPERIMENTS/ AUTOANTIBODIES, analysis/ BONE MARROW EXAMINATION/ COOMBS' TEST/ ERYTHROCYTES, immunology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HORDEOLUM, drug therapy/ HUMAN/ ISOANTIBODIES, analysis/ PREDNISONE, therapeutic use/ SPECIES SPECIFICITY/ *TETRACYCLINE, adverse effects/ TETRACYCLINE, therapeutic use
4824. Wenzel KW, Meinhold H, Raffenberg M, et al: Classification of hypothyroidism in evaluating patients after radiolodine therapy by serum cholesterol, T3-uptake. Total T4, FT4-index, total T3, basal TSH and TRH-test. *Eur J Clin Invest* 4:141-8, Apr 74
CHOLESTEROL, blood/ EVALUATION STUDIES/ FEMALE/ HUMAN/ *HYPOTHYROIDISM, classification/ HYPOTHYROIDISM, diagnosis/ HYPOTHYROIDISM, radiotherapy/ *IODINE RADIOISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ *THYROID GLAND FUNCTION TESTS/ THYROTROPIN, diagnostic use/ THYROTROPIN RELEASING HORMONE, diagnostic use/ THYROXINE, diagnostic use/ TRIIODOTHYRONINE, diagnostic use
4825. Wenzel KW, Meinhold H, Oeff K: Neue Aspekte der Behandlung mit Schilddrüsenhormonen: Serum-Triiodothyronin unter Substitutionstherapie. *Dtsch Med Wochenschr* 99:705-8, 5 Apr 74 (Ger)
DRUG THERAPY, COMBINATION/ ENGLISH ABSTRACT/ HUMAN/ HYPOTHYROIDISM, blood/ *HYPOTHYROIDISM, drug therapy/ HYPOTHYROIDISM, physiopathology/ POSTOPERATIVE CARE/ RADIOIMMUNOASSAY/ THYROID GLAND FUNCTION TESTS/ THYROIDECTOMY/ THYROXINE, administration & dosage/ THYROXINE, blood/ *THYROXINE, therapeutic use/ TRIIODOTHYRONINE, administration & dosage/ TRIIODOTHYRONINE, blood/ *TRIIODOTHYRONINE, therapeutic use
4826. Werner C, Bender HG, Klünsch H: Morphologische Plazentabefunde in Abhängigkeit vom Schweregrad der EPH-Gestose. *Geburtshilfe Frauenheilkd* 34:168-74, Mar 74 (Ger)
ENGLISH ABSTRACT/ FEMALE/ FETAL DEATH/ HUMAN/ INFANT, PREMATURE/ INFARCTION/ LABOR, PREMATURE, pathology/ MATERNAL-FETAL EXCHANGE/ MICROSCOPY, ELECTRON/ OXYGEN CONSUMPTION/ PLACENTA, blood supply/ *PLACENTA, pathology/ PLACENTA DISORDERS, etiology/ *PLACENTA DISORDERS, pathology/ PREGNANCY TOXEMIAS, complications/ *PREGNANCY TOXEMIAS, pathology/ REGIONAL BLOOD FLOW
4827. Werner HV, Berry MN: Stimulatory effects of thyroxine administration on reducing-equivalent transfer from substrate to oxygen during hepatic metabolism of sorbitol and glycerol. *Eur J Biochem* 42:315-24, 1 Mar 74
ANIMAL EXPERIMENTS/ ANTIMYCIN A, pharmacodynamics/ COMPARATIVE STUDY/ ELECTRON TRANSPORT/ ENERGY TRANSFER/ FLUORINE/ GLUCOSE, biosynthesis/ *GLYCERIN, metabolism/ GLYCEROPHOSPHATES, metabolism/ HYDROGEN-ION CONCENTRATION/ HYPERTHYROIDISM, metabolism/ IN VITRO/ LIVER, drug effects/ MALATES, pharmacodynamics/ OXIDATION-REDUCTION/ PERFUSION/ PYRUVATES, metabolism/ PYRUVATES, pharmacodynamics/ RATS/ ROTENONE, pharmacodynamics/ *SORBITOL, metabolism/ *THYROXINE, pharmacodynamics/ TIME FACTORS
4828. Werner SC, Coleman DJ, Franzen LA: Ultrasonographic evidence of a consistent orbital involvement in Graves's disease. *N Engl J Med* 290:1447-50, 27 Jun 74
ADIPOSE TISSUE/ ADULT/ DIAGNOSIS, DIFFERENTIAL/ EYE/ FEMALE/ *GOITER, EXOPHTHALMIC, diagnosis/ GOITER, NODULAR, diagnosis/ HUMAN/ MALE/ MYOSITIS, diagnosis/ MYOSITIS, etiology/ *OCULOMOTOR MUSCLES/ *ORBIT/ *ULTRASONICS, diagnostic use
4829. Werning C: Primärer Hypo- und Hyperreninismus. *Internist (Berlin)* 15:174-6, Mar 74 (21 ref.) (Ger)
ADDISON'S DISEASE, diagnosis/ ALDOSTERONE, biosynthesis/ ALDOSTERONE, blood/ ANGIOTENSIN, blood/ BLOOD VOLUME/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, blood/ HYPERKALEMIA, blood/ HYPERNATREMIA, blood/ HYPERTENSION, blood/ HYPERTENSION, RENAL, diagnosis/ HYPOKALEMIA, blood/ JUXTAGLOMERULAR APPARATUS, physiopathology/ KIDNEY NEOPLASMS, diagnosis/ MAGNESIUM, blood/ MALE/ MINERALOCORTICIDS, therapeutic use/ PHEOCHROMOCYTOMA, diagnosis/ *RENIN, blood/ RENIN, secretion/ REVIEW
4830. Wessely Z, Klavins JV: Uterine and mammary neoplasia and other changes (amyloidosis) in C3H mice, related to ovariectomy, estrogen and methylcholanthrene. *Oncology* 26:33-52, 1972
*AMYLOIDOSIS, chemically induced/ ANIMAL EXPERIMENTS/ *CARCINOMA, EPIDERMAL, chemically induced/ CARCINOMA, EPIDERMAL, pathology/ *CASTRATION/ CERVIX NEOPLASMS, chemically induced/ *ESTRADIOL, pharmacodynamics/ FEMALE/ LIVER, pathology/ MAMMAE, pathology/ *MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MAMMARY NEOPLASMS, EXPERIMENTAL, pathology/

AUTHOR SECTION

- *METHYLCHOLANTHRENE/ MICE, INBRED C3H/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, pathology/ *UTERINE NEOPLASMS, chemically induced/ UTERUS, drug effects/ UTERUS, pathology
4831. West CE, Redgrave TG, Roberts DC: Effect of castration on cholesterol metabolism and hepatic cytochrome P-450 in piperazine-treated male and female rabbits.
Aust J Exp Biol Med Sci 52:185-92, Feb 74
ANIMAL EXPERIMENTS/ CASTRATION/ CHOLESTEROL, analysis/ *CHOLESTEROL, blood/ *CYTOCHROME P-450, analysis/ DEPRESSION, CHEMICAL/ FEMALE/ LIVER, analysis/ MALE/ *MICROSOMES, LIVER, enzymology/ *OVARY, physiology/ *PIPERAZINES, pharmacodynamics/ RABBITS/ SEX FACTORS/ SPECTROPHOTOMETRY/ STIMULATION, CHEMICAL/ *TESTIS, physiology
4832. West JL: Arrhenoblastoma in a chukar partridge.
Avian Dis 18:258-61, Apr-Jun 74
ANIMAL EXPERIMENTS/ ARRHENOBLASTOMA, pathology/ *ARRHENOBlastoma, veterinary/ *BIRD DISEASES, pathology/ BIRDS/ FEMALE/ OVARIAN NEOPLASMS, pathology/ *OVARIAN NEOPLASMS, veterinary
4833. Westerholm B: Toxicitetsstudier som hjälpmedel vid bedömning av biverkningar hos människa.
Lakartidningen 71:2804-5, 26 Jun 74 (Swe)
ANIMAL EXPERIMENTS/ *CONTRACEPTIVES, ORAL, toxicity/ FEMALE/ HUMAN/ *RESEARCH DESIGN/ RODENTS/ WORLD HEALTH ORGANIZATION
4834. Westerholm B: Långtidsuppföljning av p-pillereffekter i England. Lakartidningen 71:2459-60, 12 Jun 74 (Swe)
*CONTRACEPTIVES, ORAL, adverse effects/ ENGLAND/ ESTROGENS, adverse effects/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ PROGESTATIONAL HORMONES, adverse effects/ PROSPECTIVE STUDIES/ TIME FACTORS
4835. Wharam MD, Phillips TL, Jacobs EM: Combination chemotherapy and whole lung irradiation for pulmonary metastases from sarcomas and germinal cell tumors of the testis. Cancer 34:136-42, Jul 74
*CYCLOPHOSPHAMIDE, therapeutic use/ *DACTINOMYCIN, therapeutic use/ DRUG THERAPY, COMBINATION/ FEMALE/ HUMAN/ LUNG NEOPLASMS, drug therapy/ *LUNG NEOPLASMS, radiotherapy/ MALE/ *MITHRAMYCIN, therapeutic use/ NEOPLASM METASTASIS/ PILOT PROJECTS/ PNEUMONIA, etiology/ RADIO THERAPY, adverse effects/ RADIO THERAPY DOSAGE/ RADIO THERAPY, HIGH ENERGY/ REMISSION/ *SARCOMA, drug therapy/ SARCOMA, radiotherapy/ *TESTICULAR NEOPLASMS/ *VINCRISTINE, therapeutic use
4836. Wharton CF, Pietroni R: Letter: Polyarteritis after influenza vaccination. Br Med J 2:331-2, 11 May 74
ASTHMA, prevention & control/ BRONCHOPNEUMONIA, complications/ DIABETES MELLITUS, complications/ DISODIUM CROMOGLYCATE, therapeutic use/ HEMATURIA, complications/ HUMAN/ *INFLUENZA VACCINE, adverse effects/ MALE/ MIDDLE AGE/ *PERIARTERITIS NODOSA, etiology/ PREDNISOLONE, therapeutic use
4837. (Wheden GD): Citation for the Ayerst Award for Distinguished Service in Endocrinology of The Endocrine Society for 1974 to G. Donald Wheden, M.D. Morris M. Graff, M.Sc. Robert Townner Hill, Ph.D., D.Sc. Endocrinology 95:334-8, Jul 74
*AWARDS AND PRIZES/ CURRENT BIOG-OBIT/ *ENDOCRINOLOGY/ UNITED STATES
4838. Whishaw IQ, Veale WL: Comparison of the effect of prostaglandin E1 and norepinephrine injected into the brain on ingestive behavior in the rat. Pharmacol Biochem Behav 2:421-5, May 74
AMYGDALOID BODY, drug effects/ AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ BRAIN, cytology/ BRAIN, drug effects/ *BRAIN, physiology/ COMPARATIVE STUDY/ *DRINKING, drug effects/ *EATING, drug effects/ HIPPOCAMPUS, drug effects/ HIPPOCAMPUS, physiology/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, physiology/ MALE/ *NOREPINEPHRINE, pharmacodynamics/ ORGAN SPECIFICITY/ *PROSTAGLANDINS, pharmacodynamics/ STEREOTAXIC TECHNIQUES/ TIME FACTORS
4839. White AA 3d, Panjabi MM, Hardy RJ: Analysis of mechanical symmetry in rabbit long bones. Acta Orthop Scand 45:328-36, 1974
ANIMAL EXPERIMENTS/ *BIOMECHANICS/ *BONE AND BONES, injuries/ FEMALE/ FIBULA, injuries/ FRACTURES/ HUMERAL FRACTURES/ HUMERUS, injuries/ LATERALITY/ MODELS, BIOLOGICAL/ RESEARCH DESIGN/ TIBIA, injuries
4840. White RI Jr, Harrington DP, Novak G, et al: Pharmacologic control of hemorrhagic gastritis: clinical and experimental results. Radiology 111:549-57, Jun 74
ADULT/ AGED/ ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ CELIAC ARTERY/ DOGS/ *EPINEPHRINE, administration & dosage/ EPINEPHRINE, therapeutic use/ FEMALE/ *GASTRITIS, complications/ GASTRITIS, drug therapy/ GASTRITIS, radiography/ *HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, radiography/ HUMAN/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRA-ARTERIAL/ MALE/ MIDDLE AGE/ *VASOPRESSIN, administration & dosage/ VASOPRESSIN, therapeutic use
4841. White SW, McRitchie RJ, Franklin DL: Autonomic cardiovascular effects of nasal inhalation of cigarette smoke in the rabbit. Aust J Exp Biol Med Sci 52:111-26, Feb 74
ADRENAL GLANDS, physiopathology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ AUTONOMIC NERVOUS SYSTEM, drug effects/ *AUTONOMIC NERVOUS SYSTEM, physiopathology/ BLOOD/ CARBON DIOXIDE, blood/ GUANETHIDINE, pharmacodynamics/ *HEMODYNAMICS/ HYDROGEN-ION CONCENTRATION/ LUNG/ *NASOPHARYNX, innervation/ NEURONS, EFFERENT, physiology/ NOSE/ OXYGEN, blood/ PARTIAL PRESSURE/ RABBITS/ *REFLEX/ RESPIRATION/ SMOKING, blood/ *SMOKING, physiopathology/ TRACHEOTOMY
4842. Whitehead DL: Proceedings: Steroid involvement in calcification of the invertebrate exoskeleton. N Engl J Med 291:77-8, 11 Jun 74
ANIMAL EXPERIMENTS/ *BIOMPHALARIA, metabolism/ *CALCIFICATION, PHYSIOLOGIC, drug effects/ CALCIUM, metabolism/ IN VITRO/ *INVERTEBRATE HORMONES, pharmacodynamics/ STIMULATION, CHEMICAL/ SULFATES, metabolism/ WOUND HEALING
4843. Whitelaw AG: Acute intermittent porphyria, hypercholesterolaemia, and renal impairment. Arch Dis Child 49:406-7, May 74
ACUTE DISEASE/ CHOLESTEROL, blood/ CREATININE, blood/ FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA, complications/ *KIDNEY FAILURE, CHRONIC, etiology/ LIPOPROTEINS, HDL, blood/ METABOLIC CLEARANCE RATE/ PORPHYRIA, blood/ *PORPHYRIA, complications/ PORPHYRIA, physiopathology/ PUBERTY
4844. Whittingham DG, Bavister BD: Development of hamster eggs fertilized in vitro or in vivo.

AUTHOR SECTION

- J Reprod Fertil 38:489-92, Jun 74
ANIMAL EXPERIMENTS/ COITUS/ CULTURE
MEDIA/ EPIDIDYMIS/ FEMALE/
*FERTILIZATION/ GONADOTROPINS,
CHORIONIC, pharmacodynamics/
GONADOTROPINS, EQUINE,
pharmacodynamics/ HYDROGEN-ION
CONCENTRATION/ IN VITRO/ INJECTIONS,
INTRAPERITONEAL/ MALE/ OVULATION,
drug effects/ OVUM, growth & development/
*OVUM, physiology
4845. Whittle B, Smith JT: Effect of dietary sulfur on taurine excretion by the rat. J Nutr 104:668-70, Jun 74
AMINO ACIDS, SULFUR, metabolism/
ANIMAL EXPERIMENTS/ ANIMAL
NUTRITION/ CALCIUM, metabolism/
*CYSTEINE, metabolism/ DIET/
OXIDATION-REDUCTION/ RATS/ SULFATES,
administration & dosage/ *SULFATES,
metabolism/ SULFINIC ACIDS, metabolism/
SULFUR, metabolism/ SULFUR
RADIOISOTOPES/ SULFURIC ACIDS,
metabolism/ TAURINE, biosynthesis/
*TAURINE, urine/ TIME FACTORS
4846. Wick G: Grundlagen der Autoimmunität.
Wien Med Wochenschr 124:285-9, 11 May 74 (Ger)
ANIMAL EXPERIMENTS/ *AUTOANTIBODIES,
analysis/ *AUTOIMMUNE DISEASES, etiology/
CHICKENS/ ENCEPHALOMYELITIS,
immunology/ GRAFT VS HOST REACTION/
HISTOCOMPATIBILITY ANTIGENS/ HUMAN/
IMMUNE TOLERANCE/ *IMMUNITY/
IMMUNOLOGIC MEMORY/ PARABIOSIS/
THYROID GLAND, immunology/
THYROIDITIS, immunology
4847. Wickramasinghe RH: Effect of 11-deoxycorticosterone on cholesterol sidechain cleavage by adrenal cortex mitochondria. Horm Metab Res 6:241-2, May 74
*ADRENAL GLANDS, cytology/ ADRENAL
GLANDS, enzymology/ ANIMAL
EXPERIMENTS/ CARBON RADIOISOTOPES/
*CHOLESTEROL, metabolism/
CORTICOSTERONE, metabolism/
CYTOCHROME P-450, metabolism/
*DESOXYCORTICOSTERONE,
pharmacodynamics/ *MITOCHONDRIA, drug
effects/ MITOCHONDRIA, metabolism
4848. Wickramasinghe RH: Adrenodoxin, ferredoxins and other iron-sulphur (nonheme-iron) proteins. II. Enzyme 17:227-64, 1974 (326 ref.)
*CARRIER PROTEINS/ CHEMISTRY/
ELECTRON TRANSPORT/ ENZYME
REPRESSION/ *FERREDOXINS/
FERREDOXINS, metabolism/ GEL
FILTRATION/ HEMOPROTEINS, metabolism/
HYDROGEN-ION CONCENTRATION/
ISOENZYMES/ *METALLOPROTEINS/
MINERALOCORTICOIDS, metabolism/
NITROGEN FIXATION/
OXIDATION-REDUCTION/
PHOTOPHOSPHORYLATION/
PHOTOSYNTHESIS/ REVIEW/
RUBREDOXINS/ SPECTRUM ANALYSIS/
TRANSCRIPTION, GENETIC/ TRANSLATION,
GENETIC/ X-RAY DIFFRACTION
4849. Wickramasinghe RH, McIntosh EN: Adrenodoxin, ferredoxins and other iron-sulphur (nonheme-iron) proteins. I. Enzyme 17:210-26, 1974
ADRENAL GLANDS, metabolism/ AMINO
ACID SEQUENCE/ ANIMAL EXPERIMENTS/
BACTERIA, metabolism/ BINDING SITES/
*CARRIER PROTEINS/ CORPUS LUTEUM,
metabolism/ ELECTRON TRANSPORT/
EVOLUTION/ FEMALE/ *FERREDOXINS/
HUMAN/ HYDROXYLATION/
*METALLOPROTEINS/ MITOCHONDRIA,
metabolism/ MOLECULAR CONFORMATION/
MOLECULAR WEIGHT/
OXIDATION-REDUCTION/
OXIDOREDUCTASES, metabolism/ PLANTS,
metabolism/ POTENTIOMETRY/ PROTEIN
BINDING/ REVIEW/ RUBREDOXINS/ TESTIS,
metabolism
4850. Wide L, Hobson B: Relationship between the sex of the
foetus and the amount of human chorionic
gonadotrophin in placenta from the 10th to the 20th
week of pregnancy. J Endocrinol 61:75-81, Apr 74
ABORTION, THERAPEUTIC/ BIOLOGICAL
ASSAY/ FEMALE/ *FETUS/ GESTATIONAL
AGE/ *GONADOTROPINS, CHORIONIC,
analysis/ HUMAN/ HYSTERECTOMY/
IMMUNE SERUMS/ MALE/ *PLACENTA,
analysis/ PREGNANCY/
RADIOIMMUNOASSAY/ *SEX
4851. Wiegelmann W, Kley HK, Solbach HG, et al:
Wachstumshormon, Gonadotropine und Cortisol im
Plasma von Männern unter kombinierter Anwendung
des Insulinhypoglykämie-LH-RH-Stimulationstestes.
Klin Wochenschr 52:194-6, 15 Feb 74 (Ger)
ENGLISH ABSTRACT/ *FSH, blood/ HUMAN/
*HYDROCORTISONE, blood/ HYPOGLYCEMIA,
blood/ HYPOGLYCEMIA, chemically induced/
INSULIN, diagnostic use/ *LH, blood/ LH-FSH
RELEASING HORMONE, diagnostic use/
MALE/ PITUITARY GLAND, physiology/
RADIOIMMUNOASSAY/ RADIOLIGAND
ASSAY/ *SOMATOTROPIN, blood/ TIME
FACTORS
4852. Wiener JD: Letter: Congenital deafness and
hypothyroidism. Lancet 1:938-9, 11 May 74
COMPARATIVE STUDY/ DEAF-MUTISM,
complications/ *DEAFNESS, congenital/
DEAFNESS, etiology/ FEMALE/ FETAL
DISEASES, prevention & control/ GOITER,
complications/ HUMAN/ *HYPOTHYROIDISM,
complications/ HYPOTHYROIDISM, drug
therapy/ MATERNAL-FETAL EXCHANGE/
PREGNANCY/ PREGNANCY
COMPLICATIONS, drug therapy/ SYNDROME/
THYROXINE, therapeutic use
4853. Wieners H: Aktuelle Aspekte der klinischen Osteologie
aus radiologischer Sicht.
Verh Dtsch Ges Rheumatol 3:105-12, 1974 (Ger)
ACIDOSIS, RENAL TUBULAR, radiography/
BONE AND BONES, radiography/ *BONE
DISEASES, radiography/ DIAGNOSIS,
DIFFERENTIAL/ HUMAN/
HYPERPARATHYROIDISM, radiography/
OSTEOMALACIA, radiography/
RADIOGRAPHIC MAGNIFICATION/ RICKETS,
VITAMIN D RESISTANT, radiography/
TECHNOLOGY, RADIOLOGIC/ VITAMIN D
DEFICIENCY, radiography
4854. Wierciński J, Wojciechowski L: Zmiany morfologiczne
w narządach wewnętrznych w zatruciu muchomorem
sromotnikowym.
Patol Pol 25:107-16, Jan-Mar 74 (Pol)
ADRENAL GLAND DISEASES, pathology/
*ADRENAL GLANDS, pathology/ ANIMAL
EXPERIMENTS/ COMPARATIVE STUDY/
ENGLISH ABSTRACT/ HEART DISEASES,
pathology/ HUMAN/ *KIDNEY, pathology/
KIDNEY DISEASES, pathology/ *LIVER,
pathology/ LIVER DISEASES, pathology/
*MUSHROOM POISONING, pathology/
*MYOCARDIUM, pathology/ RABBITS
4855. Wieser PB, Malgieri JA, Ward WF, et al: Effects of
bovine growth hormone preparations, fragments of
growth hormone and pituitary anti-insulin peptide on
lipolysis and glucose metabolism of isolated fat cells
and adipose tissue. Endocrinology 95:206-12, Jul 74
ADIPOSE TISSUE, cytology/ *ADIPOSE
TISSUE, drug effects/ ANIMAL
EXPERIMENTS/ CYCLOHEXIMIDE,
pharmacodynamics/ DEXAMETHASONE,
pharmacodynamics/ FEMALE/ *GLUCOSE,
metabolism/ *LIPID MOBILIZATION, drug
effects/ OXIDATION-REDUCTION/ PEPTIDES,
antagonists & inhibitors/ *PEPTIDES,
pharmacodynamics/ *SOMATOTROPIN,
pharmacodynamics
4856. Wietzerbin J, Lange Y, Gary-Bobo CM: Lanthanum
inhibition of the action of oxytocin on the water
permeability of the frog urinary bladder: effect on the
serosal and the apical membrane.
J Membr Biol 17:27-40, 1974
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/

AUTHOR SECTION

- ANIMAL EXPERIMENTS/ BLADDER, drug effects/ *BLADDER, metabolism/ COMPARATIVE STUDY/ EDTA, pharmacodynamics/ EPITHELIAL CELLS, drug effects/ EPITHELIAL CELLS, metabolism/ KINETICS/ *LANTHANUM, pharmacodynamics/ MEMBRANE POTENTIALS/ OSMOLAR CONCENTRATION/ *OXYTOCIN, pharmacodynamics/ PERMEABILITY/ RADIOISOTOPES/ RANA ESCULENTA/ THEOPHYLLINE, pharmacodynamics/ TIME FACTORS/ *WATER, metabolism
4857. Wiggert BO, Chader GJ: Studies on a specific glucocorticoid-hormone receptor in the developing chick retina. *Exp Eye Res* 18:477-84, May 74
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOSOL, metabolism/ DEXAMETHASONE, metabolism/ HYDROCORTISONE, metabolism/ MOLECULAR WEIGHT/ PROGESTERONE, metabolism/ *RECEPTORS, HORMONE/ *RETINA, embryology/ RETINA, metabolism/ TRITIUM/ ULTRACENTRIFUGATION
4858. Wilcox CS, Aminoff MJ, Kurtz AB, et al: Comparison of the renin response to dopamine and noradrenaline in normal subjects and patients with autonomic insufficiency. *Clin Sci Mol Med* 46:481-8, Apr 74
ADULT/ AGED/ *AUTONOMIC NERVOUS SYSTEM, physiopathology/ BLOOD PRESSURE, drug effects/ DIET/ *DOPAMINE, pharmacodynamics/ FECAL INCONTINENCE, physiopathology/ HUMAN/ HYPOTENSION, ORTHOSTATIC, physiopathology/ MIDDLE AGE/ NERVOUS SYSTEM DISEASES, physiopathology/ *NOREPINEPHRINE, pharmacodynamics/ PARKINSONISM, physiopathology/ POTASSIUM/ RECEPTORS, ADRENERGIC/ *RENIN, blood/ SODIUM/ SYNDROME/ TRIHEXYPHENIDYL, therapeutic use/ URINARY INCONTINENCE, physiopathology/ VALSALVA'S MANEUVER
4859. Wild AJ: Das Röntgenbild der experimentellen chronischen Polyarthritis der Ratte. *Verh Dtsch Ges Rheumatol* 3:163, 1974 (Ger)
ANIMAL EXPERIMENTS/ *ARTHRITIS, RHEUMATOID, radiography/ DISEASE MODELS, ANIMAL/ OSTEOPOROSIS, radiography
4860. Wildenthal K, Mueller EA: Increased myocardial cathepsin D activity during regression of thyrotoxic cardiac hypertrophy. *Nature* 249:478-9, 31 May 74
ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CATHEPSIN, metabolism/ CREATINE KINASE, metabolism/ DISEASE MODELS, ANIMAL/ GLUCOSAMINIDASE, metabolism/ *HEART ENLARGEMENT, enzymology/ HEART ENLARGEMENT, etiology/ HEART ENLARGEMENT, metabolism/ HEART VENTRICLE, pathology/ HYPERTHYROIDISM, chemically induced/ HYPERTHYROIDISM, complications/ *HYPERTHYROIDISM, enzymology/ HYPERTHYROIDISM, metabolism/ LYSOSOMES, enzymology/ MALE/ *MYOCARDIUM, enzymology/ ORGAN WEIGHT/ PROTEINS, metabolism/ REMISSION/ THYROXINE
4861. Wildhirt E: Aldosteronismus bei Lebererkrankungen. *Z Allgemeinmed* 50:580-2, 30 Apr 74 (Ger)
ACUTE DISEASE/ ALDOSTERONE, metabolism/ CHRONIC DISEASE/ HUMAN/ HYPERALDOSTERONISM, drug therapy/ *HYPERALDOSTERONISM, metabolism/ *LIVER DISEASES, metabolism/ SPIRONOLACTONE, therapeutic use
4862. Wildmeister W, Stolze T: Röntgenbefunde am Handskelet. *Radiologe* 14:127-37, Mar 74 (80 ref.) (Ger)
ABNORMALITIES, radiography/ *BONE DISEASES, radiography/ BONE DISEASES, DEVELOPMENTAL, radiography/ BONE NEOPLASMS, radiography/ GOUT, radiography/ HAND, abnormalities/ *HAND, radiography/ HUMAN/
- HYPERPARATHYROIDISM, radiography/ HYPERPARATHYROIDISM, SECONDARY, radiography/ NECROSIS/ REVIEW/ SCLERODERMA, SYSTEMIC, radiography/ TUBERCULOSIS, OSTEOARTICULAR, radiography
4863. Wilkinson PW, Parkin JM: Letter: Growth-hormone response to exercise in obese children. *Lancet* 2:55, 6 Jul 74
AGE FACTORS/ BODY HEIGHT/ BODY WEIGHT/ DIET, REDUCING/ *EXERTION/ HUMAN/ *OBESITY, blood/ OBESITY, therapy/ *SOMATOTROPIN, blood
4864. Will H, Schirpke B, Wollenberger A: Binding of calcium to a cell membrane-enriched preparation from pig myocardium: increase in calcium affinity upon membrane protein phosphorylation enhanced by a membrane-bound cyclic AMP-dependent protein kinase. *Acta Biol Med Ger* 31:k45-52, 1973
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ BINDING SITES/ *CALCIUM, metabolism/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ *CELL MEMBRANE, metabolism/ MAGNESIUM/ *MYOCARDIUM, metabolism/ *PROTEIN KINASE, physiology/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ SWINE
4865. Willems R, Goudsmit R, Loeb H: Syndrome de Rubinstein-Taybi. A propos de deux observations. *Acta Paediatr Belg* 27:406-17, 1973 (Fre)
*ABNORMALITIES, MULTIPLE, diagnosis/ AORTA, abnormalities/ BODY HEIGHT/ BODY WEIGHT/ CRYPTORCHISM, complications/ CYANOSIS, complications/ ENGLISH ABSTRACT/ FEMALE/ FINGERS, abnormalities/ HUMAN/ KIDNEY, abnormalities/ MALE/ *MENTAL RETARDATION, diagnosis/ METACARPUS, abnormalities/ METACARPUS, radiography/ RUBINSTEIN-TAYBI SYNDROME, diagnosis/ SKULL, abnormalities/ TOES, abnormalities
4866. Williams EM: Cellular basis of cardiac dysrhythmias. *Adv Cardiol* 12:256-65, 1974
*ACTION POTENTIALS, drug effects/ *ARRHYTHMIA, drug therapy/ BENZOFURANS, therapeutic use/ BRETILIUM COMPOUNDS, therapeutic use/ *CELL MEMBRANE PERMEABILITY, drug effects/ *DIPHENYLHYDANTOIN, therapeutic use/ HEART, drug effects/ HUMAN/ HYPOTHYROIDISM/ LIDOCAINE, therapeutic use/ PRONETHALOL, therapeutic use/ PROPRANOLOL, therapeutic use/ QUINIDINE, therapeutic use/ VENTRICULAR FIBRILLATION, drug therapy
4867. Williams HT: The telencephalon of the newborn dogfish shark, *Squalus acanthias*. *J Hirnforsch* 14:261-85, 1973
AMYGDALOID BODY, anatomy & histology/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ AXONS/ BASOPHILS/ CORPUS STRIATUM, anatomy & histology/ DIENCEPHALON, anatomy & histology/ GANGLIA, BASAL, anatomy & histology/ GLOBUS PALLIDUS, anatomy & histology/ HIPPOCAMPUS, anatomy & histology/ HYPOTHALAMUS, anatomy & histology/ NEURAL INTERCONNECTIONS/ NEURONS/ NISSL BODIES/ OLFACTORY BULB, anatomy & histology/ OLFACTORY NERVE, anatomy & histology/ OLFACTORY PATHWAYS, anatomy & histology/ PIA MATER, anatomy & histology/ SEPTAL NUCLEI, anatomy & histology/ *SHARKS, anatomy & histology/ SPECIES SPECIFICITY/ SPINAL CORD, anatomy & histology/ *TELENCEPHALON, anatomy & histology/ TELENCEPHALON, cytology/ THALAMUS, anatomy & histology/ VISUAL PATHWAYS
4868. Williams JG, Milton-Thompson GJ, Jenkins DJ, et al: Proceedings: Inhibition of nocturnal acid secretion in duodenal ulcer by oral metiamide. *Gut* 15:337, Apr 74

AUTHOR SECTION

- *ANTI-HISTAMINICS, pharmacodynamics/
ANTI-HISTAMINICS, therapeutic use/
CLINICAL RESEARCH/ DEPRESSION,
CHEMICAL/ DUODENAL ULCER, drug
therapy/ *DUODENAL ULCER,
physiopathology/ *GASTRIC JUICE, secretion/
HUMAN/ IMIDAZOLES, pharmacodynamics/
PLACEBOS/ SECRETORY RATE, drug effects/
SULFIDES, pharmacodynamics/ *THIOUREA,
pharmacodynamics/ TIME FACTORS
4869. Williams JP: Interrelation of epithelial glycogen, cell proliferation and cellular migration with cyclic adenosine monophosphate in epithelial wound healing. *Cell Differ* 1:317-23, Dec 72
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ *CELL DIVISION/ *CELL MOVEMENT/ DIBUTYRYL CYCLIC AMP, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *EPITHELIAL CELLS/ EPITHELIAL CELLS, drug effects/ EPITHELIAL CELLS, metabolism/ EPITHELIAL CELLS, physiology/ GLYCOGEN, metabolism/ SKIN, injuries/ THEOPHYLLINE, pharmacodynamics/ *WOUND HEALING
4870. Williams KI, Sneddon JM, Harney PJ: Prostaglandin production by the pregnant rat uterus in vitro and its relevance to parturition. *Pol J Pharmacol Pharm* 26:207-15, Jan-Apr 74
ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, metabolism/ COLON, drug effects/ ENDOMETRIUM, analysis/ FEMALE/ IN VITRO/ LABOR/ *PREGNANCY, ANIMAL/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, isolation & purification/ TISSUE EXTRACTS/ TRITIUM/ *UTERUS, metabolism
4871. Williams KI, Wittstruck TA: Preparation of 3-deoxy-3-deuteroestrone and 3-deoxy-4-14C-estrone. *Steroids* 23:731-9, May 74
ACETATES/ CARBON ISOTOPES/ CARBON RADIOISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ CRYSTALLIZATION/ DEUTERIUM/ ESTRADIOL/ *ESTRONE/ ESTRONE, chem synthesis/ EVALUATION STUDIES/ IODIDES/ METHODS/ NUCLEAR MAGNETIC RESONANCE/ OXIDATION-REDUCTION/ SPECTRUM ANALYSIS, MASS
4872. Williams MH Jr: Special problems in respiratory diseases. *Geriatrics* 29:67-71, Jun 74
ADRENAL CORTEX HORMONES, therapeutic use/ AGED/ *AGING/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ASTHMA, drug therapy/ BRONCHODILATOR AGENTS, therapeutic use/ DIPHENYLHYDANTOIN, therapeutic use/ *DRUG INTERACTIONS/ EPINEPHRINE, therapeutic use/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ HYPNOTICS AND SEDATIVES, therapeutic use/ INFECTION, drug therapy/ ISONIAZID, therapeutic use/ *LUNG, physiopathology/ LUNG DISEASES, OBSTRUCTIVE, drug therapy/ LUNG NEOPLASMS, drug therapy/ PULMONARY EMBOLISM, drug therapy/ *RESPIRATORY TRACT DISEASES, drug therapy/ THEOPHYLLINE, therapeutic use/ TRANQUILIZING AGENTS, adverse effects/ TRANQUILIZING AGENTS, therapeutic use/ TUBERCULOSIS, PULMONARY, drug therapy
4873. Williams TJ, Morley J: Measurement of rate of extravasation of plasma protein in inflammatory responses in guinea-pig skin using a continuous recording method. *Br J Exp Pathol* 55:1-12, Feb 74
ANIMAL EXPERIMENTS/ BLOOD VOLUME, drug effects/ BRADYKININ, pharmacodynamics/ BURNS/ *CAPILLARY PERMEABILITY, drug effects/ HISTAMINE, pharmacodynamics/ IMMUNITY, CELLULAR/ INFLAMMATION/ INJECTIONS, INTRAVENOUS/ KALLIKREIN, pharmacodynamics/ KINETICS/ LYMPHOKINES, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ SCINTILLATION COUNTERS/ *SERUM ALBUMIN, metabolism/ SERUM ALBUMIN, RADIO-IODINATED, metabolism/ SKIN, blood supply/ *SKIN, drug effects/ *SKIN DISEASES, blood/ SKIN DISEASES, chemically induced/ TIME FACTORS
4874. Williamson JH: Heterologous interchange and non-disjunction of distributively paired chromosomes in *Drosophila melanogaster*: immature oocytes. *Mutat Res* 23:189-96, May 74
ANIMAL EXPERIMENTS/ *CHROMOSOME ABERRATIONS/ DROSOPHILA MELANOGASTER, embryology/ *DROSOPHILA MELANOGASTER, radiation effects/ FEMALE/ GENOTYPE/ MALE/ MEIOSIS/ OVUM, cytology/ *OVUM, radiation effects/ *RADIATION GENETICS/ SEX CHROMOSOMES, radiation effects
4875. Wilmanns W, Wilms K, Müller D: Indikation und Kontraindikation zur Behandlung akuter Leukämien mit Corticosteroiden. Theoretische Grundlagen. *Verh Dtsch Ges Inn Med* 79:360-2, 1973 (Ger)
ACUTE DISEASE/ ADOLESCENCE/ *ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ HUMAN/ *LEUKEMIA, drug therapy/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ MALE
4876. Wilson FE, Follett BK: Plasma and pituitary luteinizing hormone in intact and castrated tree sparrows (*Spizella arborea*) during a photoinduced gonadal cycle. *Gen Comp Endocrinol* 23:82-93, May 74
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *BIRDS, physiology/ CASTRATION/ FEMALE/ HYPOTHALAMO-HYPOPHYSAL SYSTEM, physiology/ LH, blood/ *LH, metabolism/ *LIGHT/ MALE/ ORGAN WEIGHT/ OVARY, anatomy & histology/ *OVARY, physiology/ PHOTIC STIMULATION/ *PITUITARY GLAND, metabolism/ RADIOIMMUNOASSAY/ SEASONS/ TESTIS, anatomy & histology/ *TESTIS, physiology/ TIME FACTORS
4877. Wilson GA, Keyes JW Jr: The significance of the liver-spleen uptake ration in liver scanning. *J Nucl Med* 15:593-7, Jul 74
ALCOHOLISM, diagnosis/ ARTHRITIS, diagnosis/ CARDIOVASCULAR DISEASES, diagnosis/ COLLAGEN DISEASES, diagnosis/ COLLOIDS/ DIABETES MELLITUS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENDOCRINE DISEASES, diagnosis/ FEMALE/ HUMAN/ INFECTION, diagnosis/ *LIVER/ LIVER DISEASES, diagnosis/ LUNG DISEASES, diagnosis/ MALE/ NEOPLASMS, diagnosis/ NERVOUS SYSTEM DISEASES, diagnosis/ *RADIOISOTOPE SCANNING/ *SPLEEN/ SULFUR/ *TECHNETIUM, diagnostic use
4878. Wilson GM: Proceedings: Diuretics and potassium metabolism. *Scott Med J* 19:149-50, May 74
DIURETICS, adverse effects/ *DIURETICS, pharmacodynamics/ HUMAN/ HYPERALDOSTERONISM, drug therapy/ *KIDNEY, drug effects/ NATRIURESIS, drug effects/ *POTASSIUM, metabolism/ POTASSIUM, therapeutic use/ POTASSIUM DEFICIENCY, prevention & control/ SODIUM, metabolism
4879. Wilson KA, Crocker AD, Willavoys SF: Proceedings: The influence of the oestrous cycle upon the energy supply for angiotensin-induced contractions of rat uterus and colon. *J Endocrinol* 61:7-8, Apr 74
ACETYLCHOLINE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, biosynthesis/ *ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *COLON, drug effects/ DINITROPHENOLS, pharmacodynamics/ *ESTRUS/ GLYCOLYSIS/ IN VITRO/ MUSCLE CONTRACTION, drug effects/ RATS/ *UTERUS, drug effects
4880. Wilson L: Betamethasone and betamethasone valerate. *Br J Dermatol* 90:587-8, May 74
*BETAMETHASONE/ NOMENCLATURE/ *VALERATES

AUTHOR SECTION

4881. Wilson MB, Malkin A: Two cAMP-activated protein kinases from bovine thyroid.
Can J Biochem 52:319-26, Apr 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ADENOSINE TRIPHOSPHATE,
pharmacodynamics/ ANIMAL EXPERIMENTS/
CATTLE/ CHROMATOGRAPHY,
DEAE-CELLULOSE/ CHROMATOGRAPHY, ION
EXCHANGE/ COMPARATIVE STUDY/ GEL
FILTRATION/ GUANOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
HISTONES/ HYDROGEN-ION
CONCENTRATION/ ISOENZYMES, isolation &
purification/ ISOENZYMES, metabolism/
KINETICS/ MAGNESIUM, pharmacodynamics/
PHOSPHORUS RADIOISOTOPES/ PROTEIN
KINASE, isolation & purification/ *PROTEIN
KINASE, metabolism/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ THYROID GLAND, drug
effects/ *THYROID GLAND, enzymology/
TIME FACTORS
4882. Wilson RG, Buchan B, Forrest AP, et al: Proceedings:
Pituitary function after yttrium-90 hypophysectomy.
Br J Surg 61:322, Apr 74
BREAST NEOPLASMS, metabolism/ FEMALE/
HUMAN/ INSULIN, diagnostic use/
*PITUITARY GLAND, physiopathology/
*PITUITARY GLAND IRRADIATION/
SOMATOTROPIN, blood/ YTTRIUM ISOTOPES
4883. Wimbhurst JM, Harris EJ: Prostaglandin induction of
mitochondrial respiration and adaptive changes of
enzymes in the perfused rat liver.
Eur J Biochem 42:33-43, 15 Feb 74
ANIMAL EXPERIMENTS/ CALCIUM,
pharmacodynamics/ CITRATES, metabolism/
GLUCOKINASE, metabolism/ GLUCOSE,
metabolism/ HEXOSEDIPHOSPHATASE,
metabolism/ IN VITRO/ ISOCITRATE
DEHYDROGENASE, metabolism/ LACTATES,
pharmacodynamics/ LIVER, enzymology/
MAGNESIUM, pharmacodynamics/ MALE/
MITOCHONDRIA, LIVER, drug effects/
*MITOCHONDRIA, LIVER, metabolism/
*OXYGEN CONSUMPTION, drug effects/
PERFUSION/ PHOSPHOENOLPYRUVATE
CARBOXYKINASE, metabolism/
PHOSPHOFRUCTOKINASE, metabolism/
*PROSTAGLANDINS, pharmacodynamics/
PYRUVATE CARBOXYLASE, metabolism/
RATS/ SPECTROMETRY, FLUORESCENCE/
UREA, biosynthesis
4884. Wingfield JC, Grimm AS: Annual cycles of plasma
cortisol, testosterone and oestradiol-17 beta in the
plaice, *Pleuronectes platessa* L.
J Endocrinol 61:28, Apr 74
ANIMAL EXPERIMENTS/ *ESTRADIOL,
blood/ FEMALE/ *FISHES, metabolism/
*HYDROCORTISONE, blood/ MALE/ PROTEIN
BINDING/ RADIOIMMUNOASSAY/ SEASONS/
*TESTOSTERONE, blood
4885. Winkel P, Tygstrup N: Numerical taxonomic analysis of
cirrhosis. II. Clinical significance of classifications.
Comput Biomed Res 7:117-26, Apr 74
AGE FACTORS/ ALCOHOLISM, complications/
*COMPUTERS, DIGITAL/ DIAGNOSIS,
COMPUTER ASSISTED/ FEMALE/ HUMAN/
*LIVER CIRRHOSIS, classification/ LIVER
CIRRHOSIS, diagnosis/ LIVER CIRRHOSIS,
drug therapy/ LIVER CIRRHOSIS, etiology/
LIVER FUNCTION TESTS/ MALE/
PREDNISONE, therapeutic use/ PROGNOSIS/
SEX FACTORS
4886. Winokur A, Utiger RD: Thyrotropin-releasing
hormone: regional distribution in rat brain.
Science 185:265-7, 19 Jul 74
ANIMAL EXPERIMENTS/ *BRAIN
CHEMISTRY/ BRAIN STEM, analysis/
CEREBELLUM, analysis/ CEREBRAL CORTEX,
anatomy & histology/ Diencephalon,
analysis/ HYPOTHALAMUS, analysis/
*THYROTROPIN RELEASING HORMONE,
analysis
4887. Winqvist N, Bygdeman M, Papageorgiou C, et al:
Intrauterine administration of prostaglandin by the
extra-amniotic route.
Prostaglandins 6:193-205, 10 May 74
*ABORTION, INDUCED/ AMNION/
CATHETERIZATION/ COMPARATIVE STUDY/
DELAYED-ACTION PREPARATIONS/
DIARRHEA, chemically induced/ HUMAN/
INJECTIONS/ MALE/ METHODS/
PREGNANCY/ *PROSTAGLANDINS,
administration & dosage/ PROSTAGLANDINS,
adverse effects/ PROSTAGLANDINS,
therapeutic use/ SUPPOSITORIES/ TIME
FACTORS/ UTERUS/ VEHICLES/ VISCOSITY/
VOMITING, chemically induced
4888. Wirth G: Stimmklappen-Lähmungen. Formen und
diagnostische Schlussfolgerungen.
Fortschr Med 92:691-2, 6 Jun 74 (Ger)
BRONCHIAL NEOPLASMS, complications/
ESOPHAGEAL NEOPLASMS, complications/
GOITER, complications/ HUMAN/
LARYNGEAL NERVES/ LYMPHATIC
METASTASIS/ NECK NEOPLASMS,
complications/ TONSILLECTOMY, adverse
effects/ TOOTH EXTRACTION, adverse
effects/ *VOCAL CORD PARALYSIS,
diagnosis/ VOCAL CORD PARALYSIS,
etiology
4889. Wirth W, Müller US, Oschinski GM, et al:
Immunsuppression durch Antiphlogistika.
Verh Dtsch Ges Inn Med 79:618-21, 1973 (Ger)
ANIMAL EXPERIMENTS/
*ANTI-INFLAMMATORY AGENTS,
pharmacodynamics/ CYCLOPHOSPHAMIDE,
pharmacodynamics/ GLUCOCORTICOID,
pharmacodynamics/ *IMMUNOSUPPRESSIVE
AGENTS, pharmacodynamics/
PENICILLAMINE, pharmacodynamics
4890. Wirthlin T, Wehrli H, Jeger O: Sterolde und
Sexualhormone. 249. Zur Umwandlung von
Dehydroabietinsäure in 14-alpha-Methylsterole. I.
Die Partialsynthese von
5-Methoxy-17-oxo-14alpha-methyl-delta-5,7,9-des-A-
östratrien. Helv Chim Acta 57:351-68, Feb 74 (Ger)
*ESTRANES, chem synthesis/
17-KETOSTEROIDS, chem synthesis/
NUCLEAR MAGNETIC RESONANCE/
*PHENANTHRENES, chem synthesis
4891. Wirthlin T, Wehrli H, Jeger O: Steroids and sex
hormones. Transformation of dehydroabietic acid
into 14-methyl-steroids. II. The synthesis of
3-oxo-17beta-acetoxy-14alpha-methyl-delta-4-8alpha,
9beta, 10alpha, 13alpha-estrone.
Helv Chim Acta 57:368-70, Feb 74
*ESTRANES, chem synthesis/ KETOSTEROIDS,
chem synthesis/ NUCLEAR MAGNETIC
RESONANCE/ *PHENANTHRENES, chem
synthesis/ SPECTROPHOTOMETRY,
ULTRAVIOLET
4892. Wise RA: Rebound eating following carbachol-induced
drinking in rats. Physiol Behav 9:659-61, Oct 72
ANIMAL EXPERIMENTS/ *BEHAVIOR,
ANIMAL, drug effects/ *BRAIN, drug effects/
*CARBACHOL, pharmacodynamics/
DRINKING/ *EATING, drug effects/
HIPPOCAMPUS, drug effects/
HYPOTHALAMUS, drug effects/ MALE/
MAMMARY BODIES, drug effects/
MODELS, NEUROLOGIC/ SEPTAL NUCLEI,
drug effects/ THALAMIC NUCLEI, drug
effects
4893. Wishnow RM, Feist P: The effect of calcium
concentration on ACTH stimulation of
steroidogenesis in mouse adrenal tumor cells.
J Cell Physiol 83:419-23, Jun 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, pharmacodynamics/
ADRENAL CORTEX HORMONES, analysis/
*ADRENAL CORTEX HORMONES,
biosynthesis/ ADRENAL GLAND NEOPLASMS/
*CALCIUM, pharmacodynamics/ CELLS,
CULTURED/ CLONE CELLS/
*CORTICOTROPIN, pharmacodynamics/ DRUG
SYNERGISM/ MICE/ NEOPLASMS,
EXPERIMENTAL/ SPECTROMETRY,

AUTHOR SECTION

- FLUORESCENCE/ STIMULATION, CHEMICAL/
TIME FACTORS
4894. Wishnow RM, Feist P: The effect of cholera enterotoxin on steroidogenesis in cultured adrenal tumor cells. *J Infect Dis* 129:690-5, Jun 74
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADRENAL CORTEX HORMONES, biosynthesis/ *ADRENAL GLAND NEOPLASMS, metabolism/ ADRENAL GLAND NEOPLASMS, pathology/ ANIMAL EXPERIMENTS/ ANTITOXINS, pharmacodynamics/ CALCIUM, metabolism/ CELL LINE/ CELL MEMBRANE, drug effects/ *CHOLERA/ CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ ENTEROTOXINS, administration & dosage/ ENTEROTOXINS, isolation & purification/ *ENTEROTOXINS, pharmacodynamics/ GAMGLIOSIDES, pharmacodynamics/ HORSES, immunology/ IMMUNE SERUMS, pharmacodynamics/ MICE, INBRED STRAINS/ MUTATION, drug effects/ *NEOPLASMS, EXPERIMENTAL, metabolism/ RECEPTORS, DRUG, drug effects/ TIME FACTORS/ TISSUE CULTURE/ VIBRIO
4895. Witiak DT, Hsu SY, Ollmann JE, et al: D-(R)- and L-(S)-3-alkylaminopyrrolidino-substituted dihydrodibenzo (b,f)- and-(b,e)thiepins, xanthenes, and diphenylmethanes. *J Med Chem* 17:690-6, Jul 74
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ ANTIPARKINSON DRUGS, pharmacodynamics/ BARBITURATES, pharmacodynamics/ *BENZENE DERIVATIVES, chem synthesis/ BENZENE DERIVATIVES, pharmacodynamics/ BENZENE DERIVATIVES, toxicity/ BLOOD PRESSURE, drug effects/ BODY TEMPERATURE, drug effects/ *DIBENZOTHIOPINS, chem synthesis/ DIBENZOTHIOPINS, pharmacodynamics/ DIBENZOTHIOPINS, toxicity/ DRUG SYNERGISM/ FEMALE/ LETHAL DOSE 50/ MALE/ MICE, INBRED ICR/ OPTICAL ROTATION/ OXOTREMORINE, toxicity/ PARASYMPATHOLYTICS, pharmacodynamics/ PYRROLIDINES, pharmacodynamics/ PYRROLIDINES, toxicity/ SEROTONIN, antagonists & inhibitors/ SLEEP, drug effects/ STRUCTURE-ACTIVITY RELATIONSHIP/ *XANTHENES, chem synthesis/ XANTHENES, pharmacodynamics/ XANTHENES, toxicity
4896. Wittenborg A, Zeldier H, Fricke R, et al: Erfahrungen mit der alternierenden Corticoidtherapie bei chronischer Polyarthrit. *Verh Dtsch Ges Inn Med* 79:1417-9, 1973 (Ger)
*ADRENAL CORTEX HORMONES, administration & dosage/ ARTHRITIS, RHEUMATOID, blood/ *ARTHRITIS, RHEUMATOID, drug therapy/ CORTICOTROPIN, diagnostic use/ HUMAN/ HYDROCORTISONE, blood
4897. Wittenborg A, Zeldier H, Gesthovel W: Rheumatologische Krankheitsbilder. Erfahrungen mit der Intervall-Corticoidtherapie. *Verh Dtsch Ges Rheumatol* 3:268-9, 1974 (Ger)
ANTI-INFLAMMATORY AGENTS, therapeutic use/ *ARTHRITIS, RHEUMATOID, drug therapy/ CLINICAL RESEARCH/ *CORTICOTROPIN, therapeutic use/ DRUG SYNERGISM/ HUMAN/ *PREDNISOLONE, therapeutic use/ TIME FACTORS
4898. Wójcik K, Zamorska L, Ewy Z, et al: The effect of oxytocin on the oxidoreductive activity and spermatogenesis in the rabbit testicle. *Folia Histochem Cytochem (Krakow)* 12:53-8, 1974
ANIMAL EXPERIMENTS/ CYTOCHROME OXIDASE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HISTOCYTOCHEMISTRY/ HYDROXYSTEROID DEHYDROGENASES, metabolism/ LACTATE DEHYDROGENASE, metabolism/ LIPOAMIDE DEHYDROGENASE, metabolism/ MALE/ OXIDATION-REDUCTION/ *OXYTOCIN, pharmacodynamics/ RABBITS/ SERTOLI CELLS, enzymology/ *SPERMATOGENESIS, drug effects/ SUCCINATE DEHYDROGENASE, metabolism/ TESTIS, cytology/ TESTIS, drug effects/ *TESTIS, enzymology
4899. Wolf A, Lobenwein-Weinegg E, Pinggera WF, et al: Steroidinduzierte medastinale Lipomatose nach Nierentransplantation. *Wien Z Inn Med* 54:248-53, 1973 (Ger)
CHILD/ CUSHING'S SYNDROME, chemically induced/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY, transplantation/ *LIPOMATOSIS, chemically induced/ MALE/ *MEDIASINAL NEOPLASMS, chemically induced/ METHYLPREDNISOLONE, adverse effects/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS
4900. Wolf H: The effect of hormones and vitamin B6 on urinary excretion of metabolites of the kynurenine pathway. *Scand J Clin Lab Invest* 136:1-186, 1974
ADOLESCENCE/ ADULT/ AGED/ AMINOTRANSFERASES, metabolism/ *ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTHRANILIC ACID, urine/ *ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ *HYDROCORTISONE, pharmacodynamics/ HYDROLASES, metabolism/ INDICAN, urine/ ISONIAZID, pharmacodynamics/ *KYNURENINE, metabolism/ MALE/ MENSTRUATION/ MIDDLE AGE/ NICOTINAMIDE, urine/ NICOTINIC ACID, urine/ PREGNANCY/ PYRIDONES, urine/ *PYRIDOXINE, pharmacodynamics/ RATS/ *TRYPTOPHAN, metabolism/ TRYPTOPHAN, pharmacodynamics
4901. Wolfenden R: Enzyme catalysis: conflicting requirements of substrate access and transition state affinity. *Mol Cell Biochem* 3:207-11, 30 May 74
ADENOSINE MONOPHOSPHATE/ BINDING SITES/ CATALYSIS/ CYTOCHROME C/ CYTOCHROME OXIDASE, metabolism/ *ENZYMES, metabolism/ FUMARATE HYDRATASE, metabolism/ ISOMERASES, metabolism/ KETOSTEROIDS/ KINETICS/ LYASES, metabolism/ MALATES/ MODELS, BIOLOGICAL/ PROTEIN BINDING/ SUCCINATES/ SUPEROXIDE DISMUTASE
4902. Wolferman A: The present status of therapy of bell's paralysis: a critical evaluation. *Ann Otol Rhinol Laryngol* 83:Suppl 12:1-15, May-Jun 74 (54 ref.)
AXONS/ CHORDA TYMPANI NERVE, surgery/ DENERVATION/ FACIAL NERVE, drug supply/ FACIAL PARALYSIS, drug therapy/ *FACIAL PARALYSIS, etiology/ FACIAL PARALYSIS, pathology/ FACIAL PARALYSIS, surgery/ FACIAL PARALYSIS, therapy/ METHODS/ MYELIN SHEATH/ NERVE DEGENERATION/ NERVE REGENERATION/ NEURONS/ PHYSICAL THERAPY/ PREDNISONE, therapeutic use/ REVIEW
4903. Wollemann M: The action of chlorpromazine on the metabolism of cyclic adenosine 3',5'-monophosphate. *Adv Biochem Psychopharmacol* 9:731-8, 1974
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ CARBON RADIOISOTOPES/ CELL MEMBRANE, enzymology/ *CHLORPROMAZINE, pharmacodynamics/ CHLORPROMAZINE, radiation effects/ GLUCAGON, pharmacodynamics/ HEART ATRIUM, enzymology/ HEART VENTRICLE, enzymology/ IN VITRO/ ISOPROTERENOL, antagonists & inhibitors/ KINETICS/ MYOCARDIUM, cytology/ MYOCARDIUM, enzymology/ MYOCARDIUM, metabolism/ NOREPINEPHRINE, antagonists & inhibitors/ PHOSPHOESTERASES, metabolism/ RADIATION EFFECTS/ TRITIUM
4904. Wolpowitz A, Matisonn A: A comparative study of

AUTHOR SECTION

pseudodysostosis, cleidocranial dysostosis, osteopetrosis and acro-osteolysis.

S Afr Med J 48:1011-8, 18 May 74

*BONE RESORPTION, familial & genetic/
BONE RESORPTION, radiography/ CLAVICLE,
abnormalities/ *CLEIDOCRANIAL
DYSOSTOSIS, radiography/ COMPARATIVE
STUDY/ FEMALE/ FOOT, radiography/
FRACTURES, complications/ HAND,
radiography/ HUMAN/ MALE/ MANDIBLE,
abnormalities/ OSTEOPETROSIS, complications/
*OSTEOPETROSIS, radiography/
OSTEOPETROSIS, therapy/ SKULL,
radiography/ SPINE, radiography

4905. Wolińska M: Zastosowanie badań cytologicznych
wydzieliny sutka w położnictwie.
Ann Univ Mariae Curie Skłodowska [Med] 28:249-55,
1973 (Pol)

*ABORTION, THREATENED, diagnosis/
ADOLESCENCE/ ADULT/ BODY FLUIDS,
cytology/ *BREAST, secretion/
CYTODIAGNOSIS/ ENGLISH ABSTRACT/
FEMALE/ HUMAN/ LABOR/ LACTATION/
MIDDLE AGE/ PREGNANCY/ *PREGNANCY/
TIME FACTORS

4906. Wong ET, Lindall AW: Preliminary evidence for a
microsomal precursor to human parathyroid
hormone. Proc Natl Acad Sci USA 70:2291-4, Aug 73

CELL FRACTIONATION/ CELL NUCLEUS,
analysis/ CHROMATOGRAPHY/
CYTOPLASMIC GRANULES, analysis/ GEL
FILTRATION/ HUMAN/ IN VITRO/ KIDNEY
FAILURE, CHRONIC, metabolism/ LEUCINE,
metabolism/ MICROSOMES, analysis/
*MICROSOMES, metabolism/ MITOCHONDRIA,
analysis/ MOLECULAR WEIGHT/
PARATHYROID GLANDS, cytology/
*PARATHYROID GLANDS, metabolism/
PARATHYROID HORMONE, analysis/
*PARATHYROID HORMONE, biosynthesis/
*PROTEIN PRECURSORS, metabolism/
RADIOIMMUNOASSAY/ TRITIUM

4907. Wong KL, Chiu KW, Wong CC: The snake thyroid gland.
II. Radioliodine metabolism.

Gen Comp Endocrinol 23:71-81, May 74

ANIMAL EXPERIMENTS/
CHROMATOGRAPHY, PAPER/
DIIODOTYROSINE, blood/ DIIODOTYROSINE,
metabolism/ DIIODOTYROSINE, secretion/ IN
VITRO/ *IODINE, metabolism/ IODINE
RADIOISOTOPES/ MALE/ *SNAKES,
metabolism/ *THYROID GLAND, metabolism/
THYROID GLAND, secretion/ *THYROID
HORMONES, metabolism/ THYROXINE, blood/
THYROXINE, metabolism/ THYROXINE,
secretion/ TIME FACTORS/
TRIIODOTHYRONINE, blood/
TRIIODOTHYRONINE, metabolism/
TRIIODOTHYRONINE, secretion/ TYROSINE,
blood/ TYROSINE, metabolism/ TYROSINE,
secretion

4908. Wong KL, Chiu KW: The snake thyroid gland. I.
Seasonal variation of thyroidal and serum iodoamino
acids. Gen Comp Endocrinol 23:63-70, May 74

ADIPOSE TISSUE, anatomy & histology/
ANIMAL EXPERIMENTS/ BODY WEIGHT/
CHOLESTEROL, blood/ CHROMATOGRAPHY,
ION EXCHANGE/ DIIODOTYROSINE,
metabolism/ IODINE, metabolism/
LIPOPROTEINS, blood/ MALE/ ORGAN
WEIGHT/ SEASONS/ *SNAKES, metabolism/
SPERMATOGENESIS/ TESTIS, anatomy &
histology/ THYROID GLAND, anatomy &
histology/ *THYROID GLAND, metabolism/
THYROID HORMONES, blood/ *THYROID
HORMONES, metabolism/ THYROXINE,
metabolism/ TRIIODOTHYRONINE,
metabolism/ TYROSINE, metabolism

4909. Wong MD, Burton AF: Studies on
corticosterone-receptor complexes from mouse
placenta. Can J Biochem 52:190-5, Mar 74

ANIMAL EXPERIMENTS/ BINDING,
COMPETITIVE/ BINDING SITES/ CARBON
RADIOISOTOPES/ CELL NUCLEUS,
metabolism/ CHARCOAL/ *CORTICOSTERONE,

metabolism/ CORTISONE, metabolism/
CYTOSOL, metabolism/
DEOXYRIBONUCLEASE/ DRUG STABILITY/
FEMALE/ GEL FILTRATION/ KINETICS/
MICE/ PLACENTA, cytology/ *PLACENTA,
metabolism/ PREGNANCY/ PROGESTERONE,
metabolism/ PRONASE/ PROTEIN BINDING/
*RECEPTORS, HORMONE, drug effects/
RIBONUCLEASE/ SULFHYDRYL REAGENTS,
pharmacodynamics/ TEMPERATURE/ TIME
FACTORS/ TRITIUM

4910. Wong TW, Straus FH 2d, Warner NE: Testicular biopsy
in the study of male infertility. 3. Pretesticular causes
of infertility. Arch Pathol 98:1-8, Jul 74

ADENOMA, CHROMOPHOBE, complications/
ADRENAL GLAND NEOPLASMS,
complications/ ADULT/ AGE FACTORS/
BIOPSY/ BONE NEOPLASMS, complications/
CRANIOPHARYNGIOMA, complications/
DIABETES MELLITUS, complications/
ESTROGENS, secretion/ EUNUCHISM,
complications/ GLUCOCORTICOIDS, secretion/
HUMAN/ HYPOPHYSECTOMY, complications/
HYPOTHYROIDISM, complications/ LEYDIG
CELLS/ MALE/ PITUITARY NEOPLASMS,
complications/ PUBERTY/ SELLA TURCICA/
SEMINAL VESICLES, pathology/ SERTOLI
CELLS/ *STERILITY, MALE, etiology/
*TESTIS, pathology

4911. Wood C: A study of attitudes to contraceptives in a
middle-class group of women.

Med J Aust 1:659-60, 27 Apr 74

*ATTITUDE/ AUSTRALIA/
CONTRACEPTION/ CONTRACEPTIVE
DEVICES/ CONTRACEPTIVES, ORAL/
EMOTIONS/ FEMALE/ HUMAN/ MORALS/
*SOCIAL CLASS

4912. Wood WB: Proceedings: Post-natal ossification timing
in two population groups from Papua New Guinea.
J Anat 116:482, Dec 73

ADOLESCENCE/ ADULT/ AGE FACTORS/
CHILD/ CHILD, PRESCHOOL/
ENVIRONMENT/ FEMALE/ HUMAN/
INFANT/ INFANT, NEWBORN/ MALE/
NEGROID RACE/ NEW GUINEA/
*OSSIFICATION, PHYSIOLOGIC/ PUBERTY/
THUMB

4913. Woodford R, Barry BW: Bioavailability and activity of
betamethasone 17-benzoate in gel and cream
formulations: comparison with proprietary topical
corticosteroid preparations in the vasoconstrictor
assay. Curr Ther Res 16:338-45, Apr 74

ADMINISTRATION, TOPICAL/ ANALYSIS OF
VARIANCE/ *BETAMETHASONE,
pharmacodynamics/ BIOPHARMACEUTICS/
COMPARATIVE STUDY/ GELS/ HUMAN/
OINTMENTS/ *STEROIDS, pharmacodynamics/
TIME FACTORS/ *VASOCONSTRICTOR
AGENTS, pharmacodynamics

4914. Wouters-Tyrou D, Sautière P, Biserte G: Purification
and characterization of glycine, arginine, lysine-rich
and alanine, leucine, glycine-rich histones from sea
urchin gonad.

Biochim Biophys Acta 342:360-6, 11 Apr 74

ALANINE/ AMINO ACIDS, analysis/ ANIMAL
EXPERIMENTS/ ARGININE/ CATTLE/
CHROMATOGRAPHY, ION EXCHANGE/
COMPARATIVE STUDY/ ELECTROPHORESIS,
DISC/ FEMALE/ GEL FILTRATION/
GLYCINE/ *GONADS, analysis/ *HISTONES,
isolation & purification/ LEUCINE/ LYSINE/
MALE/ *SEA URCHINS, analysis/ SPECIES
SPECIFICITY/ SPECTROPHOTOMETRY,
ULTRAVIOLET/ THYMUS GLAND, analysis

4915. Woutersz TB: A new low-oestrogen, low-progestogen
combined oral contraceptive.

Curr Med Res Opin 2:95-100, 1974

ADULT/ AMENORRHEA, chemically induced/
BLOOD PRESSURE, drug effects/
*CONTRACEPTIVES, ORAL/ DRUG
COMBINATIONS/ *ETHINYL ESTRADIOL/
ETHINYL ESTRADIOL, administration &
dosage/ ETHINYL ESTRADIOL, adverse
effects/ FEMALE/ HUMAN/ MENSTRUATION,

AUTHOR SECTION

- drug effects/ *NORGESTREL/ NORGESTREL, administration & dosage/ NORGESTREL, adverse effects/ TABLETS/ TIME FACTORS/ UTERINE HEMORRHAGE, chemically induced
4916. Wright EV, Scanlon MF: Letter: X long-arm deletion with features of Turner's syndrome. *Lancet* 1:933, 11 May 74
AMENORRHEA, familial & genetic/
*CHROMOSOME ABERRATIONS/ FEMALE/
HUMAN/ KARYOTYPING/ *SEX
CHROMOSOME ABNORMALITIES/ *SEX
CHROMOSOMES/ *TURNER'S SYNDROME,
familial & genetic
4917. Wright I, Lawrence JS: The general skeletal state in otosclerosis. *J Laryngol Otol* 88:423-8, May 74
ADOLESCENCE/ ADULT/ AGED/
ANTHROPOMETRY/ ARTHRITIS,
RHEUMATOID, complications/ *BONE
DISEASES, complications/ FEMALE/
FLUORIDATION/ HAND, radiography/
HUMAN/ *JOINT DISEASES, complications/
MALE/ METACARPUS, anatomy & histology/
MIDDLE AGE/ OSTEOARTHRITIS,
complications/ OSTEOPOROSIS, complications/
*OTOSCLEROSIS, complications
4918. Wright TR: A cold-sensitive zygotic lethal causing high frequencies of nondisjunction during meiosis I in *Drosophila melanogaster* females. *Genetics* 76:511-36, Mar 74
ANIMAL EXPERIMENTS/ COLD/ CROSSES,
GENETIC/ *DROSOPHILA MELANOGASTER/
DROSOPHILA MELANOGASTER, embryology/
FEMALE/ *GENES, LETHAL/
HETEROZYGOTE/ HOMOZYGOTE/ MALE/
*MEIOSIS/ MITOSIS/ MODELS, BIOLOGICAL/
*MUTATION/ *SEX CHROMOSOMES/ TIME
FACTORS
4919. Wu C: Biochemical correlation of oncogenesis with ontogenesis. *Int J Cancer* 11:438-47, 15 Mar 73
ACETAMIDES, pharmacodynamics/
AMINOLEVULINIC ACID SYNTHETASE,
biosynthesis/ AMINOTRANSFERASES,
biosynthesis/ ANIMAL EXPERIMENTS/
ARGINASE, biosynthesis/ DNA
NUCLEOTIDYL-TRANSFERASES,
biosynthesis/ ENZYME INDUCTION, drug
effects/ FEMALE/ FETUS, enzymology/
GLUCOSE, pharmacodynamics/ GLUTAMINASE,
biosynthesis/ GLUTAMINE SYNTHETASE,
biosynthesis/ *HEPATOMA, enzymology/
HYDROCORTISONE, pharmacodynamics/
HYDROXYLASES, biosynthesis/ *KIDNEY,
enzymology/ *KIDNEY NEOPLASMS,
enzymology/ *LIVER, enzymology/ *LIVER
NEOPLASMS, enzymology/ MALE/
ORNITHINE, metabolism/
OXIDOREDUCTASES, biosynthesis/
PHOSPHOTRANSFERASES, ATP, biosynthesis/
PYRUVATE KINASE, biosynthesis/ RATS/
TRYPTOPHAN, pharmacodynamics/
TRYPTOPHAN OXYGENASE, biosynthesis
4920. Wu CW, Wu FY: Conformational transitions of cyclic adenosine monophosphate receptor protein of *Escherichia coli*. A temperature-jump study. *Biochemistry* 13:2573-8, 4 Jun 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ *BACTERIAL
PROTEINS, metabolism/ *CARRIER
PROTEINS, metabolism/ COMPUTERS,
DIGITAL/ *ESCHERICHIA COLI, metabolism/
GUANOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ IODOACETATES, metabolism/
ISOMERISM/ KINETICS/ MATHEMATICS/
NAPHTHALENESULFONATES, metabolism/
NUCLEOTIDES, CYCLIC, metabolism/
OSCILLOMETRY/ PROTEIN BINDING/
PROTEIN CONFORMATION, drug effects/
SPECTROMETRY, FLUORESCENCE/
TEMPERATURE/ TRANSCRIPTION, GENETIC
4921. Wu FY, Nath K, Wu CW: Conformational transitions of cyclic adenosine monophosphate receptor protein of *Escherichia coli*. A fluorescent probe study. *Biochemistry* 13:2567-72, 4 Jun 74
*ADENOSINE CYCLIC 3',5'
- MONOPHOSPHATE, metabolism/ *BACTERIAL
PROTEINS, metabolism/ *CARRIER
PROTEINS, metabolism/ COLIPHAGES/
COMPUTERS, DIGITAL/ DANSYL
COMPOUNDS, metabolism/ DIBUTYRYL
CYCLIC AMP, metabolism/ DNA, VIRAL,
metabolism/ *ESCHERICHIA COLI,
metabolism/ FLUORESCENCE/
IODOACETATES, metabolism/
NAPHTHALENESULFONATES, metabolism/
NUCLEOTIDES, metabolism/ OPERON/
PROTEIN CONFORMATION, drug effects/
SPECTROMETRY, FLUORESCENCE/
SPECTROPHOTOMETRY, ULTRAVIOLET/
STRUCTURE-ACTIVITY RELATIONSHIP/
TEMPLATES/ TRANSCRIPTION, GENETIC/
TRITIUM
4922. Wu JT, Meyer RK: Ultrastructural changes of rat blastocysts induced by estrogen during delayed implantation. *Anat Rec* 179:253-72, Jun 74
ANIMAL EXPERIMENTS/ *BLASTOCYST,
drug effects/ CASTRATION/ CELLULAR
INCLUSIONS/ ENDOPLASMIC RETICULUM/
*ESTRONE, pharmacodynamics/ FEMALE/
GLYCOGEN/ GOLGI APPARATUS/
MICROSCOPY, ELECTRON/ *NIDATION, drug
effects/ PREGNANCY/ *PROGESTERONE,
pharmacodynamics/ RATS/ RIBOSOMES/ TIME
FACTORS/ TROPHOBLAST, drug effects
4923. Wu JY: Colorimetric determination of ethinyl estradiol in oral contraceptive formulations. *J Assoc Off Anal Chem* 57:747-51, May 74
CHROMATOGRAPHY/ *COLORIMETRY/
*CONTRACEPTIVES, ORAL, analysis/
*ETHINYL ESTRADIOL, analysis/
INDICATORS AND REAGENTS/ TABLETS
4924. Wu NF, Kushnick T: The Beckwith-Wiedemann syndrome. The exomphalos-macroglossia-gigantism syndrome. *Clin Pediatr (Phila)* 13:452-7, May 74
*ABNORMALITIES, MULTIPLE, diagnosis/
ABNORMALITIES, MULTIPLE, drug therapy/
ABNORMALITIES, MULTIPLE, familial &
genetic/ BLOOD SUGAR, analysis/ BRAIN
DAMAGE, CHRONIC, prevention & control/
DIAGNOSIS, DIFFERENTIAL/
DIPHENYLHYDANTOIN, therapeutic use/
FEMALE/ *GIGANTISM, diagnosis/
GIGANTISM, drug therapy/ GIGANTISM,
familial & genetic/ HUMAN/
HYPOGLYCEMIA, drug therapy/
HYPOTHYROIDISM, congenital/
HYPOTHYROIDISM, diagnosis/ INFANT/
MALE/ PRECANCEROUS CONDITIONS/
SUCROSE, therapeutic use/ SYNDROME/
TONGUE, abnormalities/ UMBILICAL HERNIA,
congenital/ UMBILICAL HERNIA, diagnosis/
UMBILICAL HERNIA, drug therapy/
UMBILICAL HERNIA, familial & genetic
4925. Wu PH, Boulton AA: Distribution, metabolism, and disappearance of intraventricularly injected p-tyramine in the rat. *Can J Biochem* 52:374-81, May 74
ANIMAL EXPERIMENTS/ BRAIN, drug
effects/ *BRAIN, metabolism/ BRAIN STEM,
metabolism/ CAUDATE NUCLEUS,
metabolism/ CEREBELLUM, metabolism/
CHROMATOGRAPHY, ION EXCHANGE/
CHROMATOGRAPHY, PAPER/
CHROMATOGRAPHY, THIN LAYER/
COMPARATIVE STUDY/ DANSYL
COMPOUNDS/ HALF-LIFE/ HYPOTHALAMUS,
metabolism/ MALE/ NORSYNEPHRINE,
metabolism/ ORGAN SPECIFICITY/
PARGYLINE, pharmacodynamics/ TIME
FACTORS/ TRITIUM/ TYRAMINE, blood/
*TYRAMINE, metabolism
4926. Wunderwald P, Jurz G, Michal G: Assay of cyclic AMP by an isotope dilution test with binding protein. *Anal Biochem* 59:468-81, Jun 74
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, analysis/ ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE, metabolism/
ANIMAL EXPERIMENTS/ BINDING SITES/
COMPUTERS, DIGITAL/ EVALUATION
STUDIES/ MATHEMATICS/ METHODS/
MODELS, CHEMICAL/ *MUSCLE PROTEINS,

AUTHOR SECTION

metabolism/ PROTEIN BINDING/ PROTEIN KINASE, metabolism/ RADIOISOTOPE DILUTION TECHNIC/ TRITIUM

4927. Wurster-Hill DH, Gray CW: Giemsa banding patterns in the chromosomes of twelve species of cats (Felidae). Cytogenet Cell Genet 12:388-97, 1973
ANIMAL EXPERIMENTS/ *CARNIVORA/
*CHROMOSOMES/ FEMALE/ KARYOTYPING/
MALE/ SEX CHROMOSOMES/ SKIN, cytology/
SPECIES SPECIFICITY/ STAINS AND STAINING

4928. Wuttke H, Kessler FJ: Magnesiumausscheidung bei experimenteller Hyperthyreose. Verh Dtsch Ges Inn Med 79:1233-5, 1973 (Ger)
ANIMAL EXPERIMENTS/
*HYPERTHYROIDISM, urine/ *MAGNESIUM, urine/ MALE/ NATRIURESIS/ POTASSIUM, urine/ RATS

4929. Wuttke H, Schulte F, Kessler FJ: Die Ergänzung der Szintigraphie der euthyreoten Struma nodosa durch die Zytologie nach Feinnadelbiopsie. Strahlentherapie 146:657-63, Dec 73 (Ger)
*BIOPSY, NEEDLE/ CYSTS, diagnosis/
*CYTODIAGNOSIS/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/
*GOITER, NODULAR, diagnosis/ GOITER, NODULAR, pathology/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/
*RADIOISOTOPE SCANNING/ THYROID DISEASES, diagnosis/ THYROID GLAND, pathology/ THYROID NEOPLASMS, diagnosis

4930. Wylie CC: Nuclear morphology and nucleolar DNA synthesis during meiotic prophase in oocytes of the chick (Gallus domesticus). Cell Differ 1:325-34, Dec 72
ANIMAL EXPERIMENTS/
AUTORADIOGRAPHY/ *CELL NUCLEOLUS/
*CELL NUCLEUS/ *CHICK EMBRYO, cytology/ *CHICKENS, anatomy & histology/
CHROMOSOMES/ *DNA, biosynthesis/
FEMALE/ GENES/ MEIOSIS/ MICROSCOPY, ELECTRON/ *OVARY, cytology/ OVUM, growth & development/ THYMIDINE, metabolism/ TRITIUM

4931. Wylie AH: Death in normal and neoplastic cells. J Clin Pathol [Suppl] 7:35-42, 1974 (41 ref.)
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ CARCINOMA, EPIDERMOID, pathology/ CELL COUNT/ CELL DIVISION/
CELL NUCLEUS/ CELL SURVIVAL/ CELL TRANSFORMATION, NEOPLASTIC/ CERVIX NEOPLASMS, pathology/ EPITHELIAL CELLS/
FEMALE/ HISTIOCYTES/ HUMAN/ MITOCHONDRIA/ MODELS, BIOLOGICAL/
NECROSIS/ *NEOPLASMS, pathology/
ORGANOIDS/ RATS/ REVIEW

4932. Wylie JC, Kaufman N: Effect of metabolic inhibitors and chelating agents on 59Fe uptake by the placental tissues of the rat, Rattus norvegicus. Comp Biochem Physiol [A] 48:361-7, 1 Jun 74
ACETAMIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTIMETABOLITES, pharmacodynamics/ ANTIMYCN A, pharmacodynamics/ AZIDES, pharmacodynamics/ *CHELATING AGENTS, pharmacodynamics/ CYANIDES, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ FEMALE/ FLUORIDES, pharmacodynamics/ IN VITRO/ *IRON, metabolism/ IRON RADIOISOTOPES/
*MATERNAL-FETAL EXCHANGE, drug effects/ PLACENTA, drug effects/
*PLACENTA, metabolism/ POTASSIUM, pharmacodynamics/ PREGNANCY/ RABBITS, immunology/ RATS/ SODIUM, pharmacodynamics/ TRANSFERRIN, metabolism/ VITELLINE MEMBRANE, drug effects/ *VITELLINE MEMBRANE, metabolism

4933. Wyrick RE, Nishihara T, Hedrick JL: Agglutination of jelly coat and cortical granule components and the block to polyspermy in the amphibian Xenopus laevis. Proc Natl Acad Sci USA 71:2067-71, May 74
AGGLUTINATION, drug effects/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/

CARBOHYDRATES, pharmacodynamics/
*CYTOPLASMIC GRANULES/
*FERTILIZATION/ GALACTOSE, metabolism/
GLYCOSIDES, metabolism/ MICROSCOPY, ELECTRON/ *OVUM/ OVUM, immunology/
OVUM, metabolism/ *PLANT AGGLUTININS/
PLANT AGGLUTININS, antagonists & inhibitors/ SULFHYDRYL COMPOUNDS, metabolism/ SULFUR RADIOISOTOPES/
*XENOPUS, embryology/ XENOPUS, immunology

4934. Wyrwicka W: Eating banana in cats for brain stimulation reward. Physiol Behav 12:1063-6, Jun 74
ANIMAL EXPERIMENTS/ CATS/ ELECTRIC STIMULATION/ ELECTRODES, IMPLANTED/
*FOOD PREFERENCES/ FRUIT/
*HYPOTHALAMUS, physiology/ MEAT/
*REWARD

Y

4935. Yagasaki O, Matsuyama S, Takai M: Proceedings: The release of prostaglandins from the passively distended wall of guinea pig intestine. Jap J Pharmacol 24:Suppl:31, 1974
ANIMAL EXPERIMENTS/ IN VITRO/
*INTESTINE, SMALL, secretion/
*PROSTAGLANDINS, secretion

4936. Yamaguchi M, Greaser ML, Cassens RG: Interactions of troponin subunits with different forms of tropomyosin. J Ultrastruct Res 48:33-58, Jul 74
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/
CHROMATOGRAPHY/ CRYSTALLIZATION/
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROXYAPATITE/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ MUSCLE CONTRACTION/ *MUSCLE PROTEINS/
MUSCLE PROTEINS, analysis/ MUSCLE PROTEINS, isolation & purification/
MUSCLES, analysis/ PROTEIN BINDING/
*TROPOMYOSIN/ TROPOMYOSIN, analysis/
TROPOMYOSIN, isolation & purification

4937. Yamamoto H, Kuchii M, Yano I, et al: Proceedings: Acute morphine tolerance and physical dependence in rats. 5. Development of physical dependence and disappearance of tolerance and physical dependence. Jap J Pharmacol 24:Suppl:122, 1974
ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ DRUG TOLERANCE/ *MORPHINE, pharmacodynamics/ *MORPHINE ADDICTION/
TIME FACTORS

4938. Yamamoto H, Ooya K: Potential of yttrium-aluminum-garnet laser in caries prevention. J Oral Pathol 3:7-15, 1974
CALCIUM, metabolism/ DECALCIFICATION TECHNIC/ *DENTAL CARIES, prevention & control/ DENTAL ENAMEL, anatomy & histology/ DENTAL ENAMEL, metabolism/
*DENTAL ENAMEL, radiation effects/
DENTAL ENAMEL, radiography/ HUMAN/ IN VITRO/ *LASERS, therapeutic use/
MICORADIOGRAPHY/ MICROSCOPY, ELECTRON, SCANNING/ RADIATION DOSAGE/ *RADIATION EFFECTS/
RADIOISOTOPES/ SILICA/ SOLUBILITY/
SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ STREPTOCOCCUS/ TOOTH EXTRACTION/ YTTRIUM ISOTOPES

4939. Yamamoto J, Maeda K, Kato S, et al: Role of beta-receptor vascular tone in the vasodilating action of some drugs. Jap Circ J 37:1427-31, Dec 73
ACETYLCHOLINE, pharmacodynamics/
ANIMAL EXPERIMENTS/ BAMETHAN, pharmacodynamics/ BINDING SITES/ BLOOD PRESSURE, drug effects/ FEMALE/ HEART RATE, drug effects/ ISOXUPRINE, pharmacodynamics/ MALE/ NYLIDRIN, pharmacodynamics/ PAPAVERINE, pharmacodynamics/ PROPANOLOL, pharmacodynamics/ *RECEPTORS, ADRENERGIC, drug effects/ *VASODILATOR AGENTS, pharmacodynamics/ *VASOMOTOR SYSTEM, drug effects/ VASOPRESSIN, pharmacodynamics

AUTHOR SECTION

4940. Yamamoto K, Iwao H, Morimoto S: Proceedings: Effect of calcium ion on renin release from renal cortex slices and isolated renin granules.
Jap J Pharmacol 24:Suppl:32, 1974
ANGIOTENSIN, metabolism/ ANIMAL EXPERIMENTS/ *CALCIUM, pharmacodynamics/ IN VITRO/ *KIDNEY CORTEX, enzymology/ RADIOIMMUNOASSAY/ *RENIN, metabolism
4941. Yamamoto T, Hayashi M, Rabinowitz Z, et al: Chromosomal control of malignancy in tumours from cells transformed by polyoma virus.
Int J Cancer 11:555-66, May 73
ANIMAL EXPERIMENTS/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ *CHROMOSOMES/ CLONE CELLS/ FEMALE/ GENES/ HAMSTERS/ KARYOTYPING/ MALE/ METHODS/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, familial & genetic/ NEOPLASMS, EXPERIMENTAL/ *POLYOMA VIRUS/ *SEX CHROMOSOMES/ STAINS AND STAINING
4942. Yamamoto T, Ogiwara T: [Primary and secondary aldosteronism and electrolyte (author's transl)]
Jap J Clin Pathol 22:108-10, Feb 74 (Jap)
ADULT/ *ELECTROLYTES, metabolism/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM, metabolism/ MALE/ MIDDLE AGE/ RADIOIMMUNOASSAY/ RENIN, blood
4943. Yamamura Y, Hamano S, Inoue H, et al: [Symposium: So-called "non-respiratory pulmonary function"]
Jap J Thorac Dis 12:6-9, Jan 74 (Jap)
ANIMAL EXPERIMENTS/ LUNG, immunology/ LUNG, metabolism/ *LUNG, physiology/ MALE/ PHAGOCYTOSIS/ PROTAGLANDINS, biosynthesis/ RABBITS/ RATS
4944. Yanagimachi R: Maturation and fertilization in vitro of guinea-pig ovarian oocytes.
J Reprod Fertil 38:485-8, Jun 74
ANIMAL EXPERIMENTS/ CULTURE MEDIA/ FEMALE/ *FERTILIZATION/ GRAAFIAN FOLLICLE/ IN VITRO/ OVARY/ *OVUM, physiology
4945. Yano I, Kuchii M, Yamamoto H, et al: Proceedings: Acute morphine tolerance and physical dependence in rats. 4. Electron microscopic observations of the adrenal cortex in acute morphine tolerant rats.
Jap J Pharmacol 24:Suppl:121, 1974
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ DRUG TOLERANCE/ LEVALLORPHAN, pharmacodynamics/ MICROSCOPY, ELECTRON/ *MITOCHONDRIA, drug effects/ *MORPHINE, pharmacodynamics
4946. Yasuhara M, Tachibana Y: [Proceedings: 292. Electrophysiological study on central nerve innervation of uterine movement (author's transl)]
J Physiol Soc Jap 35:505, Aug-Sep 73 (Jap)
ANIMAL EXPERIMENTS/ EVOKED POTENTIALS/ FEMALE/ *HYPOTHALAMUS, physiology/ NEURAL INTERCONNECTIONS, physiology/ RETICULAR FORMATION, physiology/ *UTERUS, innervation/ UTERUS, physiology
4947. Yen SS, Rebar R, Vandenberg G, et al: Pituitary gonadotrophin responsiveness to synthetic LRF in subjects with normal and abnormal hypothalamic-pituitary-gonadal axis.
J Reprod Fertil [Suppl] 20:137-61, Dec 73
AMENORRHEA, physiology/ ANDROSTENEDIONE, blood/ CASTRATION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTRADIOL, blood/ ESTRADIOL, therapeutic use/ ETHINYL ESTRADIOL, pharmacodynamics/ FEEDBACK/ FEMALE/ FSH, blood/ *GONADOTROPINS, PITUITARY, secretion/ HALF-LIFE/ HUMAN/ HYPOGONADISM, physiology/ HYPOTHALAMUS, physiology/ LH, blood/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ MALE/ MENSTRUATION/ OVARY, physiology/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, physiology/ PITUITARY GLAND, physiopathology/ PITUITARY NEOPLASMS, physiopathology/ RADIOIMMUNOASSAY/ TESTOSTERONE, blood/ TIME FACTORS/ TURNER'S SYNDROME, physiopathology
4948. Yen SS, Vandenberg G, Siler TM: Modulation of pituitary responsiveness to LRF by estrogen.
J Clin Endocrinol Metab 39:170-7, Jul 74
ESTRADIOL, blood/ *ESTRADIOL, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEEDBACK/ *FSH, secretion/ HUMAN/ *HYPOGONADISM, physiopathology/ *LH, secretion/ *LH-FSH RELEASING HORMONE, pharmacodynamics/ *PITUITARY GLAND, secretion/ TIME FACTORS
4949. Ylikahri R, Huttunen M, Harkonen M, et al: Letter: Hangover and testosterone. Br Med J 2:445, 25 May 74
*ALCOHOL, ETHYL, pharmacodynamics/ *ALCOHOLIC INTOXICATION, blood/ HUMAN/ LH, blood/ LIVER, metabolism/ MALE/ *TESTOSTERONE, blood/ TIME FACTORS
4950. Ylikorkala O, Haapalahti J: Plasma renin activity (PRA) and some fluid equilibrium values in recumbent and upright positions in non-pregnant women and in normal and complicated term pregnancy. Ann Chir Gynaecol Fenn 63:39-42, 1974
BLOOD PROTEINS, metabolism/ CARBON DIOXIDE, blood/ COMPARATIVE STUDY/ EQUILIBRIUM/ FEMALE/ HUMAN/ *HYPERTENSION, blood/ *LIVER DISEASES, blood/ PARTIAL PRESSURE/ *POSTURE/ PREGNANCY/ *PREGNANCY COMPLICATIONS, blood/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, blood/ PREGNANCY, MULTIPLE/ *PREGNANCY TOXEMIAS, blood/ RADIOIMMUNOASSAY/ *RENIN, blood/ TIME FACTORS
4951. Ylikorkala O, Kauppi A: Effect of dexamethasone on serum levels of human placental lactogen during the last trimester of pregnancy.
J Obstet Gynaecol Br Commonw 81:368-70, May 74
ADULT/ *DEXAMETHASONE, pharmacodynamics/ DEXAMETHASONE, therapeutic use/ FEMALE/ FETUS, drug effects/ HUMAN/ MATERNAL-FETAL EXCHANGE/ *PLACENTAL LACTOGEN, blood/ *PREGNANCY, drug effects/ PREGNANCY COMPLICATIONS, drug therapy/ RADIOIMMUNOASSAY/ RESPIRATORY DISTRESS SYNDROME, prevention & control/ TIME FACTORS
4952. Yoo J, Kozak GP: Diabetes and Addison's disease. Postgrad Med 55:62-9, Jun 74
*ADDISON'S DISEASE, complications/ ADDISON'S DISEASE, diagnosis/ ADDISON'S DISEASE, drug therapy/ ADDISON'S DISEASE, mortality/ ADOLESCENCE/ ADULT/ BODY WEIGHT/ CHILD/ CHILD, PRESCHOOL/ CORTICOTROPIN, diagnostic use/ *DIABETES MELLITUS, complications/ DIABETES MELLITUS, drug therapy/ DIABETES MELLITUS, mortality/ *DIABETES MELLITUS, JUVENILE, complications/ DIABETIC DIET/ DRUG HYPERSENSITIVITY, complications/ FEMALE/ GLUCOCORTICIDS, administration & dosage/ GLUCOCORTICIDS, adverse effects/ GLUCOCORTICIDS, therapeutic use/ GLYCOSURIA, chemically induced/ HUMAN/ HYPOGLYCEMIA, etiology/ INSULIN, administration & dosage/ INSULIN, therapeutic use/ MALE/ MIDDLE AGE/ PIGMENTATION DISORDERS, etiology/ PROGNOSIS
4953. Yorkokl Y, Ogasa A, Matsuyama S: Effect of cyproterone acetate on genital organs of male rats treated during fetal and neonatal period.
Natl Inst Anim Health Q (Tokyo) 13:220-6, Winter 73
ANIMAL EXPERIMENTS/ CYPROTERONE, administration & dosage/ *CYPROTERONE, pharmacodynamics/ FEMALE/ FETUS/ GENITALIA, MALE, anatomy & histology/

AUTHOR SECTION

*GENITALIA, MALE, drug effects/
GENITALIA, MALE, embryology/ MALE/
ORGAN WEIGHT/ SEMEN, cytology

4954. Yoshida A, Miwa S: Characterization of a phosphoglycerate kinase variant associated with hemolytic anemia. *Am J Hum Genet* 26:378-84, May 74
ANEMIA, HEMOLYTIC, enzymology/
*ANEMIA, HEMOLYTIC, familial & genetic/
ELECTROPHORESIS, STARCH GEL/
ERYTHROCYTES, enzymology/ HUMAN/
HYDROGEN-ION CONCENTRATION/ IMMUNE
SERUMS/ MALE/ METABOLISM, INBORN
ERRORS, enzymology/ *METABOLISM,
INBORN ERRORS, familial & genetic/
NEUTRALIZATION TESTS/
*PHOSPHOGLYCERATE KINASE, analysis/
PHOSPHOGLYCERATE KINASE, blood/
PHOSPHOGLYCERATE KINASE, metabolism/
SEX CHROMOSOMES/ VARIATION
(GENETICS)
4955. Yoshida H: [Neonatal tetany]
Clin Endocrinol (Tokyo) 22:72-3, Jan 74 (Jap)
CALCIUM, therapeutic use/ HUMAN/
INFANT, NEWBORN/ *INFANT, NEWBORN,
DISEASES, therapy/ *TETANY, therapy
4956. Yoshida H: [Keypoints in the therapy of endocrine diseases in children]
Clin Endocrinol (Tokyo) 22:92-4, Jan 74 (Jap)
CHILD/ CHILD, PRESCHOOL/ *ENDOCRINE
DISEASES, therapy/ HUMAN
4957. Yoshida S: [Diabetes insipidus]
Clin Endocrinol (Tokyo) 22:10-2, Jan 74 (Jap)
*DIABETES INSIPIDUS, drug therapy/
HUMAN
4958. Yoshida S, Sakai T: Mechanism of bufalin-induced blockade of neuromuscular transmission in isolated rat diaphragm. *Jap J Pharmacol* 24:97-108, Feb 74
ACETYLCHOLINE, pharmacodynamics/
ACETYLCHOLINE, physiology/ ANIMAL
EXPERIMENTS/ *BUFANOLIDES,
pharmacodynamics/ DIAPHRAGM,
drug effects/ ELECTRIC STIMULATION/
HYDROXYSTERIODS, pharmacodynamics/ IN
VITRO/ MAGNESIUM SULFATE,
pharmacodynamics/ MALE/ MUSCLE
CONTRACTION, drug effects/ MUSCLES, drug
effects/ *NEURAL TRANSMISSION, drug
effects/ *NEUROMUSCULAR JUNCTION, drug
effects/ SUCCINYLCHOLINE,
pharmacodynamics/ TETRODOTOXIN,
pharmacodynamics/ TUBOCURARINE,
pharmacodynamics
4959. Yoshinaga K: [Pheochromocytoma]
Clin Endocrinol (Tokyo) 22:54-5, Jan 74 (Jap)
*ADRENAL GLAND NEOPLASMS, therapy/
HUMAN/ *PHEOCHROMOCYTOMA, therapy
4960. Young DM, Olson HM, Prieur DJ, et al:
Clinicopathologic and ultrastructural studies of
L-asparaginase-induced hypocalcemia in rabbits. An
experimental animal model of acute
hypoparathyroidism. *Lab Invest* 29:374-86, Oct 73
ANIMAL EXPERIMENTS/ *ASPARAGINASE,
administration & dosage/ BLOOD UREA
NITROGEN/ CALCIUM, pharmacodynamics/
*DISEASE MODELS, ANIMAL/ ENDOTOXINS/
ERWINIA, enzymology/ ESCHERICHIA COLI,
enzymology/ *HYPOCALCEMIA, chemically
induced/ HYPOCALCEMIA, etiology/
HYPOCALCEMIA, pathology/
*HYPOPARATHYROIDISM, chemically induced/
MALE/ MICROSCOPY, ELECTRON/
PARATHYROID GLANDS, metabolism/
PARATHYROID GLANDS, pathology/
PARATHYROID HORMONE,
pharmacodynamics/ RABBITS/ *RABBITS/
TETANY, chemically induced/
THYROIDECTOMY/ URETER, physiology
4961. Young RC, DeVita VT, Johnson RE: Hodgkin's disease
in childhood. *Blood* 42:163-74, Aug 73
ANTINEOPLASTIC AGENTS, adverse effects/
ANTINEOPLASTIC AGENTS, therapeutic use/
FEMALE/ HODGKIN'S DISEASE,
drug therapy/ HODGKIN'S DISEASE,
mortality/ HODGKIN'S DISEASE, pathology/
HODGKIN'S DISEASE, radiotherapy/
*HODGKIN'S DISEASE, therapy/ HUMAN/
MALE/ MECHLORETHAMINE,
therapeutic use/ PREDNISONE, therapeutic
use/ PROCARBAZINE, therapeutic use/
PROGNOSIS/ RECURRENCE/ REMISSION/
TIME FACTORS/ VINCRISTINE, therapeutic
use
4962. Young S, Pang LS, Goldsmith I: Differentiation in
breast cancer. *J Clin Pathol [Suppl]* 7:94-102, 1974
ADENOCARCINOMA, pathology/ ANDROGENS,
urine/ *BREAST NEOPLASMS, pathology/
CARCINOMA, pathology/ CASEIN,
pharmacodynamics/ CELL DIFFERENTIATION/
*CELL TRANSFORMATION, NEOPLASTIC/
FEMALE/ FLUORESCENT ANTIBODY
TECHNIC/ GEL DIFFUSION TESTS/ HUMAN/
17-HYDROXYCORTICOSTEROIDS, urine/
MILK, HUMAN, analysis/ MILK PROTEINS,
isolation & purification
4963. Young SN, Oravec M, Sourkes TL: The effect of
theophylline on tryptophan pyrrolase in the
hypophysectomized rat and some observations on the
validity of tryptophan pyrrolase assays.
J Biol Chem 249:3932-6, 25 Jun 74
ANIMAL EXPERIMENTS/ CAFFEINE,
pharmacodynamics/ CARBON DIOXIDE,
metabolism/ CARBON RADIOISOTOPES/
CHROMATOGRAPHY, PAPER/ COMPARATIVE
STUDY/ CYCLOHEXIMIDE, pharmacodynamics/
DACTINOMYCIN, pharmacodynamics/ ENZYME
ACTIVATION/ HYDROCORTISONE,
pharmacodynamics/ HYPOPHYSECTOMY/
KINETICS/ LIVER, drug effects/ *LIVER,
enzymology/ MALE/ MODELS, CHEMICAL/
PERFUSION/ PITUITARY GLAND, physiology/
*THEOPHYLLINE, pharmacodynamics/
TRYPTOPHAN, metabolism/ TRYPTOPHAN
OXYGENASE, antagonists & inhibitors/
*TRYPTOPHAN OXYGENASE, metabolism
4964. Youngdale GA, Lincoln FH: PGF₂alpha 15-methyl ether
methyl ester. *Prostaglandins* 6:207-9, 10 May 74
ANIMAL EXPERIMENTS/ CHEMISTRY/
DEPRESSION, CHEMICAL/ ESTERS, chem
synthesis/ ESTERS, pharmacodynamics/
ETHERS, chem synthesis/ ETHERS,
pharmacodynamics/ FEMALE/ GEL
FILTRATION/ HAMSTERS/ IN VITRO/
NUCLEAR MAGNETIC RESONANCE/
PROSTAGLANDINS/ *PROSTAGLANDINS,
chem synthesis/ PROSTAGLANDINS, isolation
& purification/ PROSTAGLANDINS,
pharmacodynamics/ RATS/
SPECTROPHOTOMETRY, INFRARED/
SPECTRUM ANALYSIS, MASS
4965. Younoszai MK, Lynch A: In vivo intestinal absorption
of hexose in growth-retarded suckling rat pups.
J Nutr 104:671-7, Jun 74
AGE FACTORS/ ANIMAL EXPERIMENTS/
ANIMALS, NEWBORN/ BLOOD SUGAR,
metabolism/ BODY WATER/ BODY WEIGHT/
CARBON RADIOISOTOPES/ FEMALE/
FERTILITY/ GLUCOSE, metabolism/
GROWTH/ ILEUM, physiology/ INTESTINAL
ABSORPTION/ *INTESTINE, SMALL,
metabolism/ INTESTINE, SMALL, physiology/
JEJUNUM, physiology/ LACTATION/
METHYLGLYCOSIDES, blood/
*METHYLGLYCOSIDES, metabolism/
*NUTRITION DISORDERS, metabolism/
PERFUSION/ PREGNANCY/ RATS/ WATER,
metabolism
4966. Yuen BH, Kelch RP, Jaffe RB: Adrenal contribution to
plasma oestrogens in adrenal disorders.
Acta Endocrinol (Kbh) 76:117-26, May 74
*ADRENAL GLANDS, metabolism/ ADULT/
ALDOSTERONE, urine/ *CUSHING'S
SYNDROME, blood/ *ESTRADIOL, blood/
*ESTRONE, blood/ FEMALE/ HUMAN/
17-HYDROXYCORTICOSTEROIDS, blood/
*HYPERALDOSTERONISM, blood/
17-KETOSTEROIDS, blood/ MALE/ MIDDLE
AGE/ PHLEBOGRAPHY/

AUTHOR SECTION

- RADIOIMMUNOASSAY/ RENIN, blood/
TRITIUM
4967. Yunis E, De La Cruz, Mendez M: XY-XYX mosaicism associated with major genital defects. *Clin Genet* 5:91-5, 1974
BIOPSY/ CHILD/ CRYPTORCHISM/
FALLOPIAN TUBES, abnormalities/
FALLOPIAN TUBES, pathology/
FIBROBLASTS/ *GENITALIA, MALE, abnormalities/ HUMAN/ HYPOSPADIAS/
KARYOTYPING/ LATERALITY/
LEUKOCYTES/ MALE/ *MOSAICISM/ *SEX CHROMOSOME ABNORMALITIES, familial & genetic/ TESTIS, abnormalities/ TESTIS, pathology/ VAS DEFERENS, abnormalities
- Z**
4968. Zachariassen RD, Newcomer WS: Phenylethanolamine-N-methyl transferase activity in the avian adrenal following immobilization or adrenocorticotropin. *Gen Comp Endocrinol* 23:193-8, Jun 74
*ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *CHICKENS, physiology/ CORTICOSTERONE, blood/ CORTICOSTERONE, metabolism/ CORTICOTROPIN, pharmacodynamics/ EPINEPHRINE, blood/ EPINEPHRINE, metabolism/ ETHANOLAMINES/ IMMOBILIZATION/ *METHYLTRANSFERASES, metabolism/ NOREPINEPHRINE, blood/ NOREPINEPHRINE, metabolism/ *STRESS
4969. Zachmann M, Prader A, Kind HP, et al: Testicular volume during adolescence. Cross-sectional and longitudinal studies. *Helv Paediatr Acta* 29:61-72, Apr 74
AGE FACTORS/ ANTHROPOMETRY/
FOLLOW-UP STUDIES/ FSH, metabolism/
GROWTH/ HAIR/ HUMAN/ LEYDIG CELLS, metabolism/ MALE/ PENIS, growth & development/ PITUITARY GLAND, metabolism/ PUBERTY/ *TESTIS, growth & development/ TESTOSTERONE, metabolism
4970. Zahavi J, Marder VJ: Acquired "storage pool disease" of platelets associated with circulating antiplatelet antibodies. *Am J Med* 56:883-90, Jun 74
ADENOSINE DIPHOSPHATE, blood/ ADULT/
*ANTIBODIES/ BLOOD CELL COUNT/
BLOOD COAGULATION/ BLOOD PLATELET DISORDERS, drug therapy/ *BLOOD PLATELET DISORDERS, immunology/ BLOOD PLATELET DISORDERS, metabolism/ BLOOD PLATELET DISORDERS, pathology/ BLOOD PLATELET DISORDERS, physiopathology/
*BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ HUMAN/ MALE/ PLATELET ADHESIVENESS/ PREDNISONE, therapeutic use/ SEROTONIN, blood
4971. Zajicek J: 1. Introduction to aspiration biopsy. *Monogr Clin Cytol* 4:1-211, 1974 (177 ref.)
*BIOPSY, NEEDLE, adverse effects/ BONE AND BONES, pathology/ BONE DISEASES, pathology/ BREAST DISEASES, pathology/ BREAST NEOPLASMS, diagnosis/ BREAST NEOPLASMS, pathology/ CAROTID BODY TUMOR, pathology/ CYSTS, congenital/ FEMALE/ HUMAN/ KIDNEY, pathology/ KIDNEY DISEASES, pathology/ LUNG, pathology/ LUNG DISEASES, pathology/ LUNG NEOPLASMS, pathology/ LYMPH NODES, pathology/ LYMPHATIC METASTASIS/ NECK NEOPLASMS, pathology/ PARATHYROID NEOPLASMS, pathology/ PRECANCEROUS CONDITIONS, pathology/ REVIEW/ SALIVARY GLAND DISEASES, pathology/ SALIVARY GLAND NEOPLASMS, pathology/ THYROID DISEASES, pathology/ THYROID NEOPLASMS, pathology
4972. Zakharov AF, Baranovskaya LI, Ibramov AI, et al: Differential spiralization along mammalian mitotic chromosomes. II. 5-bromodeoxyuridine and 5-bromodeoxycytidine-revealed differentiation in human chromosomes.
- Chromosoma 44:343-59, 29 Jan 74
AUTORADIOGRAPHY/
BROMODEOXYURIDINE, pharmacodynamics/
*CHROMOSOMES/ CHROMOSOMES, drug effects/ CHROMOSOMES, HUMAN, 1-3/
CHROMOSOMES, HUMAN, 4-5/
CHROMOSOMES, HUMAN, 6-12/
CHROMOSOMES, HUMAN, 13-15/
CHROMOSOMES, HUMAN, 16-18/
CHROMOSOMES, HUMAN, 19-20/
CHROMOSOMES, HUMAN, 21-22/
COMPARATIVE STUDY/ DEOXYCYTIDINE, pharmacodynamics/
*DEOXYRIBONUCLEOSIDES, pharmacodynamics/ FEMALE/ HUMAN/ IN VITRO/ KARYOTYPING/ LYMPHOCYTES, cytology/ MALE/ *MITOSIS/ SEX CHROMOSOMES/ STAINS AND STAINING/ TRITIUM
4973. Zalokar M: Transplantation of nuclei into the polar plasma of *Drosophila* eggs. *Dev Biol* 32:189-93, May 73
ANIMAL EXPERIMENTS/ *CELL NUCLEUS, transplantation/ CROSSING OVER (GENETICS)/ *DROSOPHILA MELANOGASTER, embryology/ FEMALE/ FERTILIZATION/ GENOTYPE/ GONADS/ MALE/ *MOSAICISM/ *OVUM/ SEX CHROMOSOMES/ TRANSPLANTATION, HOMOLOGOUS
4974. Zanati G, Gaare G, Wolff ME: Heterocyclic steroids. 5. Sulfur, selenium, and tellurium 5alpha-androstane derivatives and their 7alpha-methylated congeners. *J Med Chem* 17:561-3, May 74
ANDROGENS, chem synthesis/ ANDROGENS, pharmacodynamics/ *ANDROSTANES, chem synthesis/ ANDROSTANES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ MALE/ METHYLATION/ NORSTEROIDS, chem synthesis/ PROSTATE, drug effects/ *SELENIUM, pharmacodynamics/ SEMINAL VESICLES, drug effects/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SULFUR, pharmacodynamics/ *TELLURIUM, pharmacodynamics
4975. Zander J, Goebel R, Kuhn W: Hypertonie in der Schwangerschaft. *Munch Med Wochenschr* 116:699-706, 5 Apr 74 (Ger)
ALKALINE PHOSPHATASE, blood/
AMNIOSCOPY/ ENGLISH ABSTRACT/
ESTRIOL, urine/ FEMALE/ FETAL DISEASES, diagnosis/ FETAL HEART/ GUANETHIDINE, therapeutic use/ HUMAN/ *HYPERTENSION, complications/ HYPERTENSION, drug therapy/ HYPERTENSION, urine/ IMIDAZOLES, therapeutic use/ PLACENTAL LACTOGEN, blood/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PREGNANCY TOXEMIAS, drug therapy/ PREGNANCY TOXEMIAS, etiology/ PREGNANCY TOXEMIAS, urine/ RESERPINE, therapeutic use/ SPIRONOLACTONE, therapeutic use/ TIME FACTORS/ ULTRASONICS, diagnostic use
4976. Zänker R, Schwesinger G, Clemm P: Maligne Riesennymome des Uterus. *Zentralbl Gynaekol* 96:496-502, 19 Apr 74 (Ger)
ADRENAL GLAND NEOPLASMS, pathology/ BONE NEOPLASMS, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KIDNEY NEOPLASMS, pathology/ LEIOMYOMA, diagnosis/ *LEIOMYOMA, pathology/ LUNG NEOPLASMS, pathology/ LYMPHATIC METASTASIS/ NEOPLASM METASTASIS/ UTERINE NEOPLASMS, diagnosis/ *UTERINE NEOPLASMS, pathology/ UTERUS, pathology/ VAGINAL NEOPLASMS, pathology
4977. Zapf K: Die Anwendung der Hochvolt-Elektronenmikroskopie (HVE) in Biologie und Medizin. Untersuchungen zum Kontrastproblem biologischer Objekte. *Mikroskopie* 30:65-70, Apr 74 (Ger)
ANIMAL EXPERIMENTS/ BIOLOGY/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, cytology/ MEDICINE/ METHODS/

AUTHOR SECTION

*MICROSCOPY, ELECTRON/ MICROTOMY/
RATS/ *STAINS AND STAINING

4978. Zárte A, Garrido J, Canales ES, et al: Disparity in the negative gonadal feedback control for LH and FSH secretion in cases of germinal aplasia or Sertoli-cell-only syndrome.
J Clin Endocrinol Metab 38:1125-7, Jun 74
ADULT/ COMPARATIVE STUDY/
FEEDBACK/ *FSH, blood/ HUMAN/
*HYPOGONADISM, blood/ *LH, blood/ MALE/
RADIOIMMUNOASSAY/ SERTOLI CELLS/
STERILITY, MALE, blood/ SYNDROME/
*TESTIS, abnormalities

4979. Zarrin K: Thyroid carcinoma of a guinea-pig: a case report. Lab Anim 8:145-8, May 74
ANIMAL EXPERIMENTS/ *GUINEA PIGS/
*RODENT DISEASES, pathology/ THYROID
GLAND, pathology/ THYROID NEOPLASMS,
pathology/ *THYROID NEOPLASMS, veterinary

4980. Zawirska B: Porfiryny narządowe w dwu różnych postaciach porfiri. Acta Haematol Pol 5:127-31, Apr-Jun 74 (Pol)
ACUTE DISEASE/ ADRENAL GLANDS,
analysis/ AUTOPSY/ BONE MARROW,
analysis/ BRAIN CHEMISTRY/ COMPARATIVE
STUDY/ DIAGNOSIS, DIFFERENTIAL/
ENGLISH ABSTRACT/ FEMALE/ HUMAN/
KIDNEY, analysis/ LIVER, analysis/ LUNG,
analysis/ MALE/ MYOCARDIUM, analysis/
PITUITARY GLAND, analysis/ PORPHYRIA,
pathology/ *PORPHYRINS, analysis/ SKIN,
analysis/ SPLEEN, analysis

4981. Zefanlov AS: Funktsii simpatiko-adrenalovoi sistemy u bol'nykh éutireoidnym éndemicheskim zobom. Klin Khir 4:56-8, Apr 74 (Rus)
*ADRENAL MEDULLA, physiopathology/
ADULT/ AZERBAIJAN/ CHRONIC DISEASE/
EPINEPHRINE, urine/ FEMALE/ *GOITER,
ENDEMIC, physiopathology/ HUMAN/ MALE/
MIDDLE AGE/ PROTEIN-BOUND IODINE
TEST/ *SYMPATHETIC NERVOUS SYSTEM,
physiopathology

4982. Zervas NT, Hori H, Rosoff CB: Experimental inhibition of serotonin by antibiotic: prevention of cerebral vasospasm. J Neurosurg 41:59-62, Jul 74
ANIMAL EXPERIMENTS/ CEREBRAL
ANGIOGRAPHY/ CEREBRAL ISCHEMIA,
TRANSIENT, drug therapy/ CEREBRAL
ISCHEMIA, TRANSIENT, etiology/
*CEREBRAL ISCHEMIA, TRANSIENT,
prevention & control/ CEREBRAL ISCHEMIA,
TRANSIENT, radiography/ DISEASE MODELS,
ANIMAL/ EVALUATION STUDIES/
KANAMYCIN, pharmacodynamics/
*KANAMYCIN, therapeutic use/ MACACA/
PYRIDOXINE, antagonists & inhibitors/
RESERPINE, pharmacodynamics/ RESERPINE,
therapeutic use/ *SEROTONIN, antagonists &
inhibitors/ SEROTONIN, blood/
SUBARACHNOID HEMORRHAGE,
complications

4983. Zeuthen E, Nielsen J: Length of the Y chromosome in a general male population. Acta Genet Med Gemellol (Roma) 22:45-9, 1973
ADULT/ *CHROMOSOME ABERRATIONS/
CRIMINAL PSYCHOLOGY/ DENMARK/
EDUCATIONAL STATUS/ HUMAN/
INTELLIGENCE/ KARYOTYPING/ MALE/
MENTAL RETARDATION, familial & genetic/
MENTAL RETARDATION, occurrence/ *SEX
CHROMOSOMES

4984. Zharev S, Mikhailova D, Dimitrov V, et al: Prouchvane na tukannoto dishane i na beltuchnita sustav na miokarda i skeletnite muskuli u plukhov s dvustranna suparenalektomia. Eksp Med Morfol 12:203-9, 1973 (Bul)
*ADRENALECTOMY/ ANIMAL
EXPERIMENTS/ ELECTROCARDIOGRAPHY/
ENGLISH ABSTRACT/ *MUSCLES,
metabolism/ *MYOCARDIUM, metabolism/
*OXYGEN CONSUMPTION/ *PROTEINS,
metabolism/ RATS/ THIGH

4985. Zhizhina NA: Aminokislотноy i mineral'nyy obmen v obyazvestviennykh tkaniakh pri éksperimental'nom geterolimmunom nefrite u krysa. Patol Fiziol Eksp Ter 10:47-50, May 74 (Rus)
*AMINO ACIDS, metabolism/ ANIMAL
EXPERIMENTS/ ANTIGENS,
HETEROGENETIC, administration & dosage/
*BONE AND BONES, metabolism/ CALCIUM
RADIOISOTOPES/ CARBON RADIOISOTOPES/
ENGLISH ABSTRACT/ GLYCINE, metabolism/
IMMUNE SERUMS, administration & dosage/
*MINERALS, metabolism/ *NEPHRITIS,
metabolism/ POTASSIUM ISOTOPES/ TIME
FACTORS/ *TOOTH, metabolism

4986. Ziboh VA, Blank H: Die Rolle der Prostaglandine in der Haut. Hautarzt 24:519-22, Dec 73 (38 ref.) (Ger)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
physiology/ ANIMAL EXPERIMENTS/
ASPIRIN, metabolism/ CHEMISTRY/ HUMAN/
HYPERSENSITIVITY, physiopathology/
INFECTION, physiopathology/
PROSTAGLANDINS, metabolism/
*PROSTAGLANDINS, physiology/ REVIEW/
SKIN, embryology/ SKIN, growth &
development/ SKIN, metabolism/ *SKIN,
physiology/ SKIN DISEASES, physiopathology

4987. Ziegler M, Janzik W, Miksche L, et al: Effects of positive and negative pressure breathing on plasma renin concentration in the dog. Pfluegers Arch 348:185-96, 22 Apr 74
ANIMAL EXPERIMENTS/ ATMOSPHERIC
PRESSURE/ DIURESIS/ FEMALE/ KIDNEY,
innervation/ KIDNEY, physiology/ KIDNEY,
transplantation/ MALE/ POSITIVE-PRESSURE
RESPIRATION/ *PRESSURE/ *RENIN, blood/
*RESPIRATION/ TRANSPLANTATION,
AUTOLOGOUS/ URINE

4988. Ziegler R, Minne H, Zwicker M, et al: Unresponsiveness of exocrine rat pancreas to calcemic challenges (hypercalcemia, EDTA hypocalcemia or calcitonin administration) which influence stomach function. Res Exp Med (Berl) 162:347-50, 1974
ANIMAL EXPERIMENTS/ CALCITONIN,
administration & dosage/ CALCITONIN,
metabolism/ *CALCIUM, metabolism/ *EDTA,
metabolism/ FEMALE/ HYPERCALCEMIA,
metabolism/ HYPOCALCEMIA, metabolism/
*PANCREAS, metabolism/ PANCREAS,
physiology/ PANCREOZYMIN, secretion/
SECRETIN, secretion/ STIMULATION,
CHEMICAL/ STOMACH, metabolism/ TIME
FACTORS/ TRYPSIN, secretion

4989. Zikakis JP, Haenlein GF, Hines HC, et al: Gene frequencies of electrophoretically determined polymorphisms in Guernsey blood and milk. J Dairy Sci 57:405-10, Apr 74
ANIMAL EXPERIMENTS/ *BLOOD
PROTEINS/ CASEIN/ *CATTLE, physiology/
FEMALE/ *GENE FREQUENCY/ GENOTYPE/
GREAT BRITAIN/ HEMOGLOBIN/
HETEROZYGOTE/ LACTATION/
LACTOGLOBULINS/ *MILK PROTEINS/
PHENOTYPE/ *POLYMORPHISM (GENETICS)/
SPECIES SPECIFICITY/ TRANSFERRIN/
UNITED STATES

4990. Zimmerman CE, Eisenberg H, Spark R, et al: Transvenous adrenal destruction: clinical trials in patients with metastatic malignancy. Surgery 75:550-6, Apr 74
*ADRENAL GLANDS, drug effects/ ADRENAL
GLANDS, physiology/ ANESTHESIA, LOCAL/
BINDING, COMPETITIVE/ BREAST
NEOPLASMS, therapy/ CATHETERIZATION/
*CONTRAST MEDIA, administration & dosage/
CORTICOTROPIN, administration & dosage/
FEMALE/ HUMAN/ HYDROCORTISONE,
blood/ MALE/ *NEOPLASM METASTASIS,
therapy/ *NITROGEN MUSTARD
COMPOUNDS, administration & dosage/
PHLEBOGRAPHY/ POSTOPERATIVE
COMPLICATIONS/ PROSTATIC NEOPLASMS,
therapy

4991. Zimmerman EA, Hsu KC, Ferin M, et al: Localization of gonadotropin-releasing hormone (Gn-RH) in the

AUTHOR SECTION

- hypothalamus of the mouse by immunoperoxidase technique. *Endocrinology* 95:1-8, Jul 74
ANIMAL EXPERIMENTS/ BIPHENYL COMPOUNDS/ FEMALE/ HISTOCYTOCHEMISTRY/ *HYPOTHALAMUS, analysis/ IMMUNE SERUMS/ *LH-FSH RELEASING HORMONE, analysis/ MALE/ METHODS/ PEROXIDASES/ RABBITS, immunology/ STAINS AND STAINING
4992. Zimmermann E, Krivoy W: Antagonism between morphine and the polypeptides ACTH, ACTH1-24 and beta-MSH in the nervous system. *Prog Brain Res* 39:383-94, 1973 (31 ref.)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *CORTICOTROPIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG TOLERANCE/ FROGS/ IN VITRO/ *MORPHINE, antagonists & inhibitors/ *MSH, pharmacodynamics/ RATS/ REACTION TIME, drug effects/ REVIEW/ SPINAL CORD, physiology/ STEREOTYPED BEHAVIOR, drug effects/ TAIL, drug effects
4993. Zimmermann E, Krivoy W: Depression of frog isolated spinal cord by morphine and antagonism by tetracosactin. *Proc Soc Exp Biol Med* 146:575-9, Jun 74
ANIMAL EXPERIMENTS/ CALCIUM CHLORIDE, pharmacodynamics/ *CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ ELECTRIC STIMULATION/ IN VITRO/ MORPHINE, antagonists & inhibitors/ *MORPHINE, pharmacodynamics/ NALOXONE, pharmacodynamics/ RANA PIPIENS/ *REFLEX, MONOSYNAPTIC, drug effects/ *SPINAL CORD, drug effects/ SPINAL NERVE ROOTS, drug effects/ TEMPERATURE
4994. Zimprich H, Parth K, Brunel R, et al: Latente Nebennierenrindeninsuffizienz unter dem Bild des azetonämischen Erbrechens. *Helv Paediatr Acta* 29:43-50, Apr 74 (Ger)
*ADRENAL GLAND HYPOFUNCTION, complications/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ ADRENAL GLANDS, physiopathology/ CORTICOTROPIN, diagnostic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROXYCORTICOSTEROIDS, urine/ *KETONES, blood/ KETOSTEROIDS, urine/ MALE/ PITUITARY-ADRENAL FUNCTION TESTS/ VOMITING, diagnosis/ *VOMITING, etiology
4995. Zinchenko AM: Vplyv prednizolonu na bioelektrychnu aktivnist' holovnoho mozgu u ditei, khvorykh na revmokatdyt i khorelu. *Pediatr Akush Ginekol* 3:17-9, 1973 (Ukr)
ADOLESCENCE/ *BRAIN, drug effects/ CHILD/ *CHOREA, drug therapy/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ MALE/ *PREDNISOLONE, therapeutic use/ *RHEUMATIC HEART DISEASE, drug therapy
4996. Zingraff J, Drueke T, Roux JP, et al: Bilateral fracture of the femoral neck complicating uremic bone disease prior to chronic hemodialysis. *Clin Nephrol* 2:73-5, 1974
ADULT/ FEMALE/ *FEMORAL NECK FRACTURES, etiology/ FEMORAL NECK FRACTURES, radiography/ *FRACTURES, SPONTANEOUS, etiology/ FRACTURES, SPONTANEOUS, radiography/ HEMODIALYSIS/ HIP JOINT/ HUMAN/ JOINT PROSTHESIS/ *KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, therapy/ MIDDLE AGE/ *RENAL OSTEODYSSTROPHY, complications/ TIME FACTORS/ UREMIA, complications
4997. Zinn WM: Gelenkmanifestationen bei degenerativen Knochenkrankheiten. *Verh Dtsch Ges Rheumatol* 3:117-25, 1974 (Ger)
*BONE DISEASES, complications/ FEMUR HEAD NECROSIS, complications/ FEMUR HEAD NECROSIS, radiography/ HUMAN/ *JOINT DISEASES, etiology/ JOINT DISEASES, radiography/ OSTETITIS DEFORMANS, complications/ OSTETITIS DEFORMANS, radiography/ OSTEOPOROSIS, complications/ OSTEOPOROSIS, radiography/ PROGNOSIS/ SCHEUERMANN'S DISEASE, complications/ SCHEUERMANN'S DISEASE, radiography/ SUDECK'S ATROPHY, complications/ SUDECK'S ATROPHY, radiography
4998. Ziporin ZZ, Isaac GJ, Liddle CG, et al: Effect of actinomycin D on vitamin D-mediated uptake of ⁴⁵Ca by intestinal slices. *Calcif Tissue Res* 13:187-96, 23 Oct 73
ANIMAL EXPERIMENTS/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, DIETARY, metabolism/ CALCIUM RADIOISOTOPES/ *DACTINOMYCIN, pharmacodynamics/ DIET/ FEMALE/ IN VITRO/ *INTESTINAL ABSORPTION, drug effects/ INTESTINE, SMALL, drug effects/ *INTESTINE, SMALL, metabolism/ MALE/ PHOSPHORUS, blood/ PHOSPHORUS, metabolism/ *VITAMIN D, physiology
4999. Zlr LM, Carvalho AC, Hawthorne JW, et al: Effect of contrast agents on platelet aggregation and ¹⁴C-serotonin release. *Lancet* 1:134-5, 29 Jun 74
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANGIOGRAPHY/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CARBON RADIOISOTOPES/ COLLAGEN, pharmacodynamics/ *CONTRAST MEDIA, pharmacodynamics/ CORONARY VESSELS, radiography/ DEPRESSION, CHEMICAL/ DIATRIZOATE, diagnostic use/ DIATRIZOATE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HUMAN/ IN VITRO/ *PLATELET ADHESIVENESS, drug effects/ SEROTONIN, blood/ *SEROTONIN, metabolism/ TIME FACTORS
5000. Ziv G, Bogin E, Shani J, et al: Distribution and blood-to-milk transfer of labeled antibiotics. *Antimicrob Agents Chemother* 3:607-13, May 73
ANIMAL EXPERIMENTS/ ANTIBIOTICS, blood/ *ANTIBIOTICS, metabolism/ BIOLOGICAL ASSAY/ CARBON RADIOISOTOPES/ FEMALE/ LACTATION/ *MILK, metabolism/ SHEEP/ TIME FACTORS
5001. Ziv G, Gordin S, Bechar G: Mode of transfer of antibiotics from treated to nontreated quarters in dairy cows. *Am J Vet Res* 35:643-7, May 74
AMPICILLIN, administration & dosage/ AMPICILLIN, blood/ ANIMAL EXPERIMENTS/ *ANTIBIOTICS, metabolism/ BIOLOGICAL ASSAY/ CARBON RADIOISOTOPES/ *CATTLE, metabolism/ DIHYDROSTREPTOMYCIN, administration & dosage/ DIHYDROSTREPTOMYCIN, blood/ ERYTHROMYCIN, administration & dosage/ ERYTHROMYCIN, blood/ FEMALE/ HYDROGEN-ION CONCENTRATION/ INJECTIONS/ LACTATION/ MASTITIS, BOVINE, metabolism/ MILK, analysis/ PENICILLIN G, administration & dosage/ PENICILLIN G, blood/ PREGNANCY/ STREPTOCOCCAL INFECTIONS, metabolism/ STREPTOCOCCAL INFECTIONS, veterinary/ TETRACYCLINE, administration & dosage/ TETRACYCLINE, blood/ TRITIUM/ *UDDER, metabolism
5002. Ziv G, Sulman FG: Evaluation of rifamycin SV and rifampin kinetics in lactating ewes. *Antimicrob Agents Chemother* 5:139-42, Feb 74
ANIMAL EXPERIMENTS/ FEMALE/ KINETICS/ *LACTATION/ MILK, analysis/ *MODELS, BIOLOGICAL/ *RIFAMPIN, metabolism/ *RIFAMYCINS, metabolism/ SHEEP
5003. Ziv G, Sulman FG: Binding of antibiotics to bovine and ovine serum. *Antimicrob Agents Chemother* 2:206-13, Sep 73
ANIMAL EXPERIMENTS/ *ANTIBIOTICS, blood/ *BLOOD PROTEINS, metabolism/ CARBON RADIOISOTOPES/ CATTLE/

AUTHOR SECTION

FEMALE/ LACTATION/ PROTEIN BINDING/
SHEEP/ TRITIUM

5004. Zizka J, Balíček P, Křenová I, et al: Klinefelterův syndrom--klinické a laboratorní nálezy u pěti chlapců. *Cesk Pediatr* 29:198-203, Apr 74 (Cze)

ADOLESCENCE/ BIOPSY/ CHILD/ ENGLISH
ABSTRACT/ HUMAN/ KARYOTYPING/
*KLINEFELTER'S SYNDROME, diagnosis/
KLINEFELTER'S SYNDROME, familial &
genetic/ KLINEFELTER'S SYNDROME,
pathology/ MALE/ SEX CHROMOSOMES/
STAINS AND STAINING

5005. Zoltan I, Csillag M, Zsolnai B, et al: The termination of first trimester pregnancy by extraovular "prostaglandin-impact". *Prostaglandins* 6:211-6, 10 May 74

*ABORTION, INDUCED/ ADOLESCENCE/
ADULT/ CATHETERIZATION/ FEMALE/
HUMAN/ INJECTIONS/ METHODS/ MUSCLE
CONTRACTION, drug effects/ PRESSURE/
PROGESTERONE, blood/ *PROSTAGLANDINS,
administration & dosage/ PROSTAGLANDINS,
adverse effects/ PROSTAGLANDINS,
therapeutic use/ STIMULATION, CHEMICAL/
TIME FACTORS/ UTERUS/ UTERUS, drug
effects

5006. Zor U, Chayoth R, Kaneko T, et al: Effects of hormone treatment and age on the stimulation of rat anterior pituitary adenylate cyclase and cyclic adenosine 3',5' monophosphate by hypothalamic extract. *Metabolism* 23:549-59, Jun 74

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
biosynthesis/ *ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, metabolism/ *ADENYL
CYCLASE, metabolism/ AGE FACTORS/
ANIMAL EXPERIMENTS/ DEXAMETHASONE,
administration & dosage/ ENZYME
ACTIVATION, drug effects/ FEMALE/
HYPOTHALAMUS/ IN VITRO/ LH, secretion/
MALE/ *PITUITARY GLAND, drug effects/
PITUITARY GLAND, metabolism/
PROSTAGLANDINS, administration & dosage/
PROTEIN BINDING, drug effects/ PROTEIN
KINASE, metabolism/ RATS/ SHEEP/
STIMULATION, CHEMICAL/ THYROXINE,
administration & dosage/ TIME FACTORS/
TISSUE EXTRACTS, antagonists & inhibitors/
*TISSUE EXTRACTS, pharmacodynamics

5007. Zubarev VL: Rol' funktsional'nogo sostolaniia simpatiko-adrenalovoi sistemy v patogeneze porazheniia serdtsa u detei pri revmatizme i khronicheskoi tonzillite. *Pediatrila* 53:62-3, Apr 74 (Rus)

*ADRENAL GLANDS, physiopathology/
CHRONIC DISEASE/ HUMAN/ RHEUMATIC
FEVER, complications/ *RHEUMATIC FEVER,
physiopathology/ *RHEUMATIC HEART
DISEASE, etiology/ *SYMPATHETIC
NERVOUS SYSTEM, physiopathology/
TONSILLITIS, complications/ *TONSILLITIS,
physiopathology

5008. Zuccarello WA, Frishmuth GJ, Rice EG: The quantitative measurement of steroids secreted by isolated adrenals from sodium depleted rats. *Steroids* 23:443-54, Mar 74

ACETYLATION/ ADRENAL CORTEX
HORMONES, analysis/ ADRENAL CORTEX
HORMONES, biosynthesis/ *ADRENAL
CORTEX HORMONES, secretion/ ADRENAL
GLANDS, drug effects/ ADRENAL GLANDS,
ALDOSTERONE, biosynthesis/ ALDOSTERONE,
secretion/ ALKANES/ ANILINE COMPOUNDS,
pharmacodynamics/ ANIMAL EXPERIMENTS/
BUTANONES, pharmacodynamics/
CHROMATOGRAPHY, GAS/
CORTICOSTERONE, secretion/ DEPRESSION,
CHEMICAL/ DESOXYCORTICOSTERONE,
isolation & purification/
DESOXYCORTICOSTERONE, secretion/ DIET/
HYDROXYCORTICOSTEROIDS, secretion/ IN
VITRO/ KINETICS/ LACTONES, metabolism/
MALE/ METHODS/ NAPHTHALENES,
pharmacodynamics/ PHENETHYLAMINES,
pharmacodynamics/ PYRIDINES,

pharmacodynamics/ RATS/ *SODIUM,
physiology/ SOLVENTS/ SPECTROMETRY,
FLUORESCENCE/ TIME FACTORS

5009. Zucker RM, Cassen B: Effect of chemotherapy with cyclophosphamide on the buoyant density separation and volume distributions of lymphocytes in chronic lymphocytic leukemia and lymphosarcoma. *J Natl Cancer Inst* 52:1691-7, Jun 74

CENTRIFUGATION, DENSITY GRADIENT/
CHROMATIN/ COMPARATIVE STUDY/
*CYCLOPHOSPHAMIDE, therapeutic use/
ELECTRONICS, MEDICAL/ HUMAN/
*LEUKEMIA, LYMPHOCYTIC, blood/
LEUKOCYTE COUNT/ LYMPHOCYTES,
cytology/ *LYMPHOCYTES, drug effects/
*LYMPHOSARCOMA, blood/ PREDNISONE,
therapeutic use/ SERUM ALBUMIN, BOVINE

5010. Zuckerman A, Goldman J: [Treatment of oligospermia with mesterolone] *Harefuah* 86:309-11, 15 Mar 74 (Heb)

*ANDROGENS, therapeutic use/ CELL
COUNT/ CELL MOVEMENT/ ENGLISH
ABSTRACT/ *FERTILITY AGENTS,
therapeutic use/ HUMAN/ MALE/ METHANE,
therapeutic use/ *SPERMATOZOA/
*STANOLONE, therapeutic use/ *STERILITY,
MALE, drug therapy

5011. Zuehlke RL: Recent therapeutic advances for common cutaneous problems. *Am Fam Physician* 9:70-4, Jun 74

ACNE, drug therapy/ ADMINISTRATION,
TOPICAL/ CYTARABINE, administration &
dosage/ CYTARABINE, therapeutic use/
*DERMATOLOGIC AGENTS, therapeutic use/
DYES, therapeutic use/ ETHYL ETHERS,
therapeutic use/ FEMALE/
GLUTARALDEHYDE, therapeutic use/
HERPES SIMPLEX, drug therapy/ HERPES
ZOSTER, drug therapy/ HUMAN/
ICHTHYOSIS, drug therapy/ INJECTIONS,
INTRADERMAL/ INJECTIONS,
INTRAVENOUS/ LIGHT, therapeutic use/
MALE/ *SKIN DISEASES, INFECTIOUS, drug
therapy/ STOMATITIS, APHTHOUS, drug
therapy/ TETRACYCLINE, therapeutic use/
TRIAMCINOLONE, administration & dosage/
TRIAMCINOLONE ACETONIDE, administration
& dosage/ TRIAMCINOLONE ACETONIDE,
therapeutic use/ UREA, therapeutic use/
VITAMIN A, administration & dosage/
VITAMIN A, therapeutic use/ WARTS, drug
therapy

5012. Zufarov KA, Gontmakher VM, Khidoliatov BA, et al: Vliianie testosteron-propionata na rannee postnatal'noe razvitiie pochki krys i differentsirovku v nei kletok. *Tsitologiya* 16:564-8, May 74 (Rus)

AGE FACTORS/ ANIMAL EXPERIMENTS/
ANIMALS, NEWBORN/ BODY WEIGHT, drug
effects/ *CELL DIFFERENTIATION, drug
effects/ CYTOPLASM/ ENGLISH ABSTRACT/
FEMALE/ HISTOLOGICAL TECHNIQS/
KARYOMETRY/ KIDNEY, cytology/ *KIDNEY,
drug effects/ KIDNEY,
growth & development/ KIDNEY CORTEX,
cytology/ KIDNEY MEDULLA, cytology/
KIDNEY TUBULES, cytology/ MALE/
MICROSCOPY, ELECTRON/ NEPHRONS,
cytology/ PROPIONATES, pharmacodynamics/
*TESTOSTERONE, pharmacodynamics

5013. Zumpo N, Blake M, Wilson CA: Proceedings: The human chorionic somatomammotrophin and mouse placental extract on mice treated with an ergocornine derivative. *N Engl J Med* 291:1xx, 11 Jun 74

ANIMAL EXPERIMENTS/ BROMINE,
pharmacodynamics/ CORPUS LUTEUM, drug
effects/ *ERGOT ALKALOIDS,
pharmacodynamics/ FEMALE/ HUMAN/
*LACTATION, drug effects/ *PLACENTAL
EXTRACTS, pharmacodynamics/ *PLACENTAL
LACTOGEN, pharmacodynamics/
*PREGNANCY, ANIMAL, drug effects/
PROLACTIN, antagonists & inhibitors/
*PROLACTIN, pharmacodynamics

5014. Zvaifler NJ, Robinson CA: Rheumatoid arthritis. DM 1:56, May 74

ADRENAL CORTEX HORMONES, therapeutic use/ ARTHRITIS, RHEUMATOID, complications/ ARTHRITIS, RHEUMATOID, diagnosis/ ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, etiology/ *ARTHRITIS, RHEUMATOID, occurrence/ ARTHRITIS, RHEUMATOID, pathology/ ARTHRITIS, RHEUMATOID, radiography/ ARTHRITIS, RHEUMATOID, therapy/ DIAGNOSIS, DIFFERENTIAL/ EXERCISE THERAPY/ HUMAN/ JOINT DISEASES, diagnosis/ LUNG DISEASES, diagnosis/ NERVOUS SYSTEM DISEASES, diagnosis/ PLEURAL DISEASES, diagnosis/ PROGNOSIS/ RHEUMATOID FACTOR, analysis/ RHEUMATOID NODULE, diagnosis/ SJOGREN'S SYNDROME, diagnosis/ SYNOVIAL FLUID, analysis/ SYNOVIAL MEMBRANE, pathology/ VASCULAR DISEASES, diagnosis

ANONYMOUS

Ann Intern Med

5015. Thyroid physiology in health and disease. Ann Intern Med 81:68-81, Jul 74 (94 ref.)
ANIMAL EXPERIMENTS/ CHEMISTRY/ COMPARATIVE STUDY/ FEMALE/ GOITER, EXOPHTHALMIC, immunology/ GONADOTROPINS, CHORIONIC/ HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHALAMUS, physiology/ HYPOTHALAMUS, physiopathology/ HYPOTHYROIDISM, physiopathology/ MALE/ PITUITARY GLAND, physiology/ REVIEW/ THYROGLOBULIN, secretion/ *THYROID GLAND, physiology/ THYROID GLAND, physiopathology/ THYROID GLAND, secretion/ THYROIDITIS, blood/ THYROTROPIN, secretion/ THYROXINE, metabolism/ THYROXINE, secretion/ TRIIODOTHYRONINE, metabolism/ TRIIODOTHYRONINE, secretion

5016. Letter: Hypercalcemia and neuromuscular disease.

Ann Intern Med 81:128-9, Jul 74
CALCITONIN, therapeutic use/ *CARCINOMA, complications/ CARCINOMA, surgery/ EDROPHONIUM CHLORIDE, diagnostic use/ FEMALE/ HUMAN/ *HYPERCALCEMIA, complications/ HYPERCALCEMIA, drug therapy/ *NEUROMUSCULAR DISEASES, etiology/ *PARATHYROID NEOPLASMS, complications/ PARATHYROID NEOPLASMS, surgery

Br Med J

5017. Editorial: Children with jaundice. Br Med J 2:573-4, 15 Jun 74
AZATHIOPRINE, therapeutic use/ BIOPSY/ CHRONIC DISEASE/ HEPATITIS, complications/ HEPATITIS, drug therapy/ HUMAN/ *JAUNDICE, etiology/ LIVER, pathology/ LIVER FUNCTION TESTS/ PREDNISONE, therapeutic use

5018. Letter: Adverse reactions to intra-amniotic prostaglandin. Br Med J 2:382-3, 18 May 74
*ABORTION, INDUCED/ AMNION/ FEMALE/ HEADACHE, chemically induced/ HUMAN/ HYDATIDIFORM MOLE, therapy/ INJECTIONS/ NAUSEA, chemically induced/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, adverse effects/ VOMITING, chemically induced

5019. Editorial: Stopping the Pill. Br Med J 2:517-8, 8 Jun 74
BREAST NEOPLASMS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, therapeutic use/ CORONARY DISEASE, prevention & control/ ENGLAND/ FEMALE/ HUMAN/ MENOPAUSE/ OSTEOPOROSIS, prevention & control/ THROMBOEMBOLISM, chemically induced/ WALES

5020. Antioestrogens in treatment of breast cancer. Br Med J 2:500, 1 Jun 74
*ANTINEOPLASTIC AGENTS, therapeutic use/ *BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, physiopathology/ DIMETHYLAMINES, therapeutic use/ *ESTROGENS, antagonists & inhibitors/ FEMALE/ HUMAN/ MENOPAUSE/ NAFOXIDINE, therapeutic use/ PHENYL ETHERS, therapeutic use/ RECEPTORS, HORMONE/ *STILBENES, therapeutic use/ TIME FACTORS

5021. Editorial: Familial medullary carcinoma of the thyroid. Br Med J 2:461, 1 Jun 74
CALCITONIN, blood/ CARCINOMA, diagnosis/ *CARCINOMA, familial & genetic/ CARCINOMA, physiopathology/ CATECHOLAMINES, urine/ HISTAMINASE, blood/ HUMAN/ THYROID NEOPLASMS, diagnosis/ *THYROID NEOPLASMS, familial & genetic/ THYROID NEOPLASMS, physiopathology

5022. Editorial: Liver tumours and the pill. Br Med J 2:3-4, 6 Jul 74
*CONTRACEPTIVES, ORAL, adverse effects/ ENDOPLASMIC RETICULUM/ ENZYME INDUCTION/ ESTROGENS, adverse effects/ FEMALE/ HUMAN/ *LIVER NEOPLASMS, chemically induced/ *PROGESTERONE, adverse effects

5023. Editorial: Transvestism and transsexualism. Br Med J 2:289-90, 11 May 74
FAMILY THERAPY/ FEMALE/ HUMAN/ MALE/ MOTHER-CHILD RELATIONS/ PSYCHOSEXUAL DEVELOPMENT/ PUBERTY/ *TRANSEXUALISM, therapy/ *TRANSVESTISM, therapy

Clin Pediatr (Phila)

5024. Asthma. Panel discussion. Question and answer session. Clin Pediatr (Phila) 13:432-5, May 74
ASPIRIN, adverse effects/ ASPIRIN, therapeutic use/ ASTHMA, drug therapy/ *ASTHMA, familial & genetic/ CELL MEMBRANE, drug effects/ CHILD/ DISODIUM CROMOGLYCAT, pharmacodynamics/ DISODIUM CROMOGLYCAT, therapeutic use/ DRUG TOLERANCE/ HUMAN/ MAST CELLS, drug effects/ PREDNISONE, therapeutic use/ PROSTAGLANDINS

J Assoc Physicians India

5025. Editorial: Reninsm. J Assoc Physicians India 21:710-2, Aug 73
HUMAN/ HYPERALDOSTERONISM, etiology/ HYPERTENSION, etiology/ JUXTAGLOMERULAR APPARATUS/ KIDNEY NEOPLASMS, complications/ MALE/ *METABOLIC DISEASES, etiology/ *RENIN, blood/ SYNDROME

5026. Editorial: Human prolactin comes of age. J Assoc Physicians India 21:707-8, Aug 73
BREAST, metabolism/ FEMALE/ HUMAN/ PROLACTIN, analysis/ PROLACTIN, blood/ *PROLACTIN, physiology

J Clin Endocrinol Metab

5027. The Endocrine Society 1974 annual awards. J Clin Endocrinol Metab 39:211-20, Jul 74
AWARDS AND PRIZES/ *ENDOCRINOLOGY, history/ *SOCIETIES, MEDICAL/ UNITED STATES

Lancet

5028. Editorial: Immunological changes in women. Lancet 1:909-10, 11 May 74

AUTHOR SECTION

AGE FACTORS/ ANTIBODY FORMATION/
AUTOANTIBODIES, isolation & purification/
*AUTOIMMUNE DISEASES/
*CONTRACEPTIVES, ORAL, adverse effects/
ESTROGENS, pharmacodynamics/ FEMALE/
FETUS, immunology/ HUMAN/ *IMMUNITY/
IMMUNITY, drug effects/
IMMUNOSUPPRESSION/ OVARY, immunology/
OVARY, physiology/ PREGNANCY/ SEX
FACTORS

5029. Editorial: Brittle diabetes. Lancet 1:910, 11 May 74
ADULT/ BLOOD SUGAR, analysis/ CHILD/
CIRCADIAN RHYTHM/ DIABETES MELLITUS,
blood/ *DIABETES MELLITUS, drug therapy/
DIABETES MELLITUS, metabolism/
DIABETES MELLITUS, JUVENILE,
complications/ DOSE-RESPONSE
RELATIONSHIP, DRUG/ HUMAN/
HYPOGLYCEMIA, etiology/ INSULIN,
administration & dosage/ INSULIN,
metabolism/ *INSULIN, therapeutic use/
SOMATOTROPIN, blood

5030. Editorial: The thyroid, prolactin, and breast cancer.
Lancet 1:908-9, 11 May 74
BREAST NEOPLASMS, blood/ BREAST
NEOPLASMS, complications/ *BREAST
NEOPLASMS, etiology/ BREAST NEOPLASMS,
physiopathology/ FEMALE/ HUMAN/
HYPOTHYROIDISM, complications/
*PROLACTIN, blood/ *THYROID GLAND,
physiopathology/ *THYROTROPIN, blood/
*THYROXINE, blood/ THYROXINE,
pharmacodynamics

5031. Editorial: Vascular disease in patients with renal
failure. Lancet 1:967-8, 18 May 74
ADRENAL CORTX HORMONES, therapeutic
use/ *ARTERIOSCLEROSIS, etiology/
CARBOHYDRATES, metabolism/
CHOLESTEROL, metabolism/ *CORONARY
DISEASE, etiology/ *HEMODIALYSIS, adverse
effects/ HUMAN/ INSULIN, metabolism/
*KIDNEY, transplantation/ *KIDNEY
FAILURE, CHRONIC, complications/ KIDNEY
FAILURE, CHRONIC, drug therapy/ KIDNEY
FAILURE, CHRONIC, metabolism/ KIDNEY
FAILURE, CHRONIC, therapy/
TRANSPLANTATION, HOMOLOGOUS, adverse
effects

5032. Editorial: Thyrotoxicosis: the wheel turns.
Lancet 1:1024-5, 25 May 74
COMPARATIVE STUDY/ FEMALE/ HUMAN/
HYPERTHYROIDISM, drug therapy/
HYPERTHYROIDISM, radiotherapy/
HYPERTHYROIDISM, surgery/
*HYPERTHYROIDISM, therapy/ IODINE
RADIOISOTOPES/ MALE/ PROPRANOLOL,
therapeutic use/ THIOURACIL, therapeutic
use/ THYROIDECTOMY

5033. Editorial: Muscle, nerve, or what?
Lancet 1:1025, 25 May 74
ACTION POTENTIALS/ AMYOTROPHIC
LATERAL SCLEROSIS, complications/
ANIMAL EXPERIMENTS/
ELECTROMYOGRAPHY/ HUMAN/ MICE/
MICE, INBRED STRAINS/ MUSCULAR
DYSTROPHY, diagnosis/ *MUSCULAR
DYSTROPHY, etiology/ MUSCULAR
DYSTROPHY, familial & genetic/ SEX
CHROMOSOME ABNORMALITIES,
complications

- Med Arts Sci
5034. Placental transfer of oxygen and carbon dioxide.
Med Arts Sci 27:33-4, 1973
*CARBON DIOXIDE, blood/ FEMALE/
*FETUS, physiology/ HUMAN/
*MATERNAL-FETAL EXCHANGE/ MODELS,
THEORETICAL/ *OXYGEN, blood/
*PLACENTA, physiology

- Med Lett Drugs Ther
5035. Drugs for relief of nausea and vomiting.
Med Lett Drugs Ther 18:46-8, 24 May 74
ANTIEMETICS, adverse effects/
*ANTIEMETICS, therapeutic use/

ANTI-HISTAMINICS, therapeutic use/ BRAIN
EDEMA, complications/ DIURETICS, adverse
effects/ FEMALE/ GASTROENTERITIS, drug
therapy/ HUMAN/ MOTION SICKNESS, drug
therapy/ NAUSEA, chemically induced/
*NAUSEA, drug therapy/
PARASYMPATHOLYTICS, therapeutic use/
PHENOTHIAZINES, therapeutic use/
PREGNANCY/ PREGNANCY
COMPLICATIONS, drug therapy/
SCOPOLAMINE, therapeutic use/
TRANSCORTIN, adverse effects/ VOMITING,
chemically induced/ *VOMITING,
drug therapy/ VOMITING, etiology

5036. Gels and other topical corticosteroids.
Med Lett Drugs Ther 16:50-2, 7 Jun 74
ACETIC ACIDS, administration & dosage/
ACETIC ACIDS, adverse effects/ ACETIC
ACIDS, therapeutic use/ ADMINISTRATION,
TOPICAL/ BETAMETHASONE, administration
& dosage/ BETAMETHASONE,
adverse effects/ BETAMETHASONE,
therapeutic use/ COMPARATIVE STUDY/
COSTS AND COST ANALYSIS/ DRUG
EVALUATION/ FLUOCINOLONE ACETONIDE,
administration & dosage/ FLUOCINOLONE
ACETONIDE, adverse effects/
FLUOCINOLONE ACETONIDE,
therapeutic use/ GELS/ *GLUCOCORTICIDS,
TOPICAL/ GLUCOCORTICIDS, TOPICAL,
administration & dosage/ GLUCOCORTICIDS,
TOPICAL, adverse effects/
GLUCOCORTICIDS, TOPICAL, therapeutic
use/ HUMAN/ HYDROCORTISONE, TOPICAL,
administration & dosage/ HYDROCORTISONE,
TOPICAL, therapeutic use/ OINTMENTS/
SKIN DISEASES, drug therapy

N Engl J Med

5037. Letter: Marijuana and sex.
N Engl J Med 291:308-10, 8 Aug 74
ANIMAL EXPERIMENTS/ *CANNABIS,
adverse effects/ CANNABIS,
pharmacodynamics/ HUMAN/ *IMPOTENCE,
chemically induced/ *LIBIDO, drug effects/
MALE/ SPERMATOGENESIS, drug effects/
TESTOSTERONE, blood
5038. Letter: Replacement treatment of hypothyroidism.
N Engl J Med 291:100-3, 11 Jun 74
FEMALE/ HUMAN/ HYPERTHYROIDISM,
chemically induced/ HYPERTHYROIDISM,
blood/ *HYPERTHYROIDISM, drug therapy/
MENOPAUSE/ OSTEOPOROSIS, chemically
induced/ THYROID HORMONES, adverse
effects/ THYROTROPIN, blood/
THYROTROPIN RELEASING HORMONE,
blood/ THYROXINE, administration & dosage/
THYROXINE, blood/ *THYROXINE,
therapeutic use/ TRIIODOTHYRONINE,
administration & dosage/
*TRIIODOTHYRONINE, therapeutic use
5039. Sex, ascites and alcoholism in survival of patients with
cirrhosis. Effect of prednisone.
N Engl J Med 291:271-3, 8 Aug 74
AGE FACTORS/ *ALCOHOLISM,
complications/ *ASCITES, complications/
CLINICAL RESEARCH/ DENMARK/ DRUG
EVALUATION/ FEMALE/ HUMAN/ LIVER
CIRRHOSIS, complications/ LIVER
CIRRHOSIS, diagnosis/ *LIVER CIRRHOSIS,
drug therapy/ LIVER CIRRHOSIS, mortality/
LIVER FUNCTION TESTS/ MALE/
PREDNISONE, administration & dosage/
PREDNISONE, adverse effects/ *PREDNISONE,
therapeutic use/ REMISSION/ *SEX
FACTORS/ TIME FACTORS

Neurosci Res Program Bull

5040. Contributions of clonal systems to neurobiology.
Neurosci Res Program Bull 11:412-536, Dec 73 (285
ref.)
ADENOSINE MONOPHOSPHATE, physiology/
CELL DIFFERENTIATION/ *CLONE CELLS/
GLIOMA, etiology/ GLYCOLIPIDS, metabolism/
GLYCOPROTEINS, metabolism/ HORMONES,
physiology/ HYBRID CELLS/ IMMUNE
SERUMS/ IN VITRO/ INTERCELLULAR

AUTHOR SECTION

JUNCTIONS/ KARYOTYPING/ MEMBRANES/
NEOPLASMS, NERVOUS TISSUE, chemically
induced/ *NEOPLASMS, NERVOUS TISSUE,
etiology/ *NERVE TISSUE, cytology/ NEURAL
TRANSMISSION/ NEUROBLASTOMA, etiology/
NEUROBLASTOMA, pathology/ NEUROGLIA/
NEURONS, physiology/ ONCOGENIC VIRUSES/
PHENOTYPE/ REVIEW/ SCHWANN CELLS/
SYNAPTIC VESICLES/ SYNAPTOSOMES/
TISSUE CULTURE/ VIRUS DISEASES

Nutr Rev

5041. Metabolic effects of oral contraceptives in monkeys fed on adequate and low protein diets.

Nutr Rev 32:149-52, May 74 (8 ref.)
ALKALINE PHOSPHATASE, blood/ ANIMAL
EXPERIMENTS/ ASPARTATE
AMINOTRANSFERASE, metabolism/ BLOOD
PROTEINS, metabolism/ *CONTRACEPTIVES,
ORAL, pharmacodynamics/ DIETARY
PROTEINS, administration & dosage/ DRUG
COMBINATIONS/ ETHINYL ESTRADIOL,
pharmacodynamics/ ETHYNODIOL
DIACETATE, pharmacodynamics/ FEMALE/
FOLIC ACID, metabolism/ GLUCOSE
TOLERANCE TEST/ HEMOGLOBIN,
metabolism/ IRON, blood/ LIVER, metabolism/
*MACACA, metabolism/ MESTRANOL,
pharmacodynamics/ MONKEYS/
NORETHINDRONE, pharmacodynamics/
PROTEIN DEFICIENCY, blood/ PROTEIN
DEFICIENCY, enzymology/ *PROTEIN
DEFICIENCY, metabolism/ REVIEW/
VITAMIN A, metabolism/ VITAMIN B 12,
metabolism

5042. Parathormone, cyclic AMP and neonatal kidneys.

Nutr Rev 31:86-8, Mar 73 (7 ref.)
*ADENOSINE CYCLIC 3',5'
MONOPHOSPHATE, secretion/ BREAST
FEEDING/ CALCIUM, blood/ CREATININE,
metabolism/ HUMAN/ HYPOCALCEMIA/
INFANT, NEWBORN/ INFANT NUTRITION/
*KIDNEY/ KIDNEY, drug effects/ KIDNEY,
growth & development/ KIDNEY, physiology/
KIDNEY, secretion/ MALE/ *PARATHYROID
HORMONE, pharmacodynamics/
PARATHYROID HORMONE, physiology/
PHOSPHATES, blood/ PHOSPHATES,
secretion/ REVIEW/ SECRETORY RATE, drug
effects/ TIME FACTORS/ URINE

5043. Hypothalamic control of blood glucose level.

Nutr Rev 31:224-6, Jul 73
ADRENAL GLANDS, physiology/ ADRENAL
MEDULLA, metabolism/ ADRENAL MEDULLA,
physiology/ ADRENALECTOMY/ ANIMAL
EXPERIMENTS/ *BLOOD SUGAR, metabolism/
CATECHOLAMINES, metabolism/
CATECHOLAMINES, physiology/ GLUCAGON,
secretion/ GLUCONEOGENESIS/
HYPERGLYCEMIA, etiology/
*HYPOTHALAMUS, physiology/ INSULIN,
secretion/ LIVER, metabolism/ LIVER
GLYCOGEN, metabolism/ RABBITS/ RATS

5044. Regulation of cell growth by cyclic AMP.

Nutr Rev 31:228-9, Jul 73 (11 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
antagonists & inhibitors/ *ADENOSINE
CYCLIC 3',5' MONOPHOSPHATE, physiology/
ADENOSINE TRIPHOSPHATE, metabolism/
ADENYL CYCLASE, metabolism/ ANIMAL
EXPERIMENTS/ BLOOD/ *CELL DIVISION/
CELL DIVISION, drug effects/ CELL LINE/
CELL MEMBRANE, enzymology/ CELL
TRANSFORMATION, NEOPLASTIC/ CULTURE
MEDIA/ DIBUTYRYL CYCLIC AMP,
pharmacodynamics/ GENETICS/ GROWTH
SUBSTANCES, blood/ HAMSTERS/ KIDNEY,
growth & development/ REVIEW/ TISSUE
CULTURE

5045. Riboflavin and adrenal cortex.

Nutr Rev 31:95-6, Mar 73 (6 ref.)
ADRENAL CORTEX HORMONES, metabolism/
ADRENAL GLAND DISEASES, etiology/
*ADRENAL GLANDS/ ADRENAL GLANDS,
physiology/ ADRENAL GLANDS,
physiopathology/ ADRENALECTOMY/ ANIMAL

EXPERIMENTS/ ANIMAL NUTRITION/
BABOONS/ CHILD/ ERYTHROCYTES/
HEMATOLOGIC DISEASES, etiology/ HUMAN/
MONKEYS/ PITUITARY-ADRENAL SYSTEM/
PREDNISOLONE, therapeutic use/ RATS/
RETICULOCYTES/ REVIEW/ RIBOFLAVIN,
physiology/ RIBOFLAVIN, therapeutic use/
*RIBOFLAVIN DEFICIENCY/ RIBOFLAVIN
DEFICIENCY, complications/ RIBOFLAVIN
DEFICIENCY, drug therapy/ RIBOFLAVIN
DEFICIENCY, physiopathology/ SPECIES
SPECIFICITY

5046. Regulation of 25-hydroxycholecalciferol metabolism by inorganic phosphate.

Nutr Rev 31:188-90, Jun 73 (15 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE,
metabolism/ ANIMAL EXPERIMENTS/
ANIMAL NUTRITION/ CALCIUM,
pharmacodynamics/ DEFICIENCY DISEASES,
metabolism/ DIET/
DIHYDROXYCHOLECALCIFEROLS,
biosynthesis/
DIHYDROXYCHOLECALCIFEROLS, blood/
*HYDROXYCHOLECALCIFEROL, metabolism/
KIDNEY, drug effects/ KIDNEY TUBULES,
metabolism/ PARATHYROID GLANDS,
physiology/ PHOSPHORUS, blood/
*PHOSPHORUS, physiology/ REVIEW/
THYROID GLAND, physiology/
THYROIDECTOMY

5047. Fetal malnutrition. Nutr Rev 31:179-81, Jun 73 (18 ref.)

ADENINE NUCLEOTIDES, metabolism/ BIRTH
WEIGHT/ BLOOD PROTEINS, metabolism/
DNA, metabolism/ FEMALE/ FETUS, growth
& development/ FETUS, metabolism/
GESTATIONAL AGE/ HUMAN/ INFANT
MORTALITY/ INFANT NUTRITION
DISORDERS/ INFANT, PREMATURE/
LEUKOCYTES, metabolism/
MATERNAL-FETAL EXCHANGE/ *NUTRITION
DISORDERS/ NUTRITION DISORDERS,
diagnosis/ NUTRITION DISORDERS,
prevention & control/ PLACENTA,
metabolism/ *PREGNANCY COMPLICATIONS/
PROTEIN-CALORIE MALNUTRITION/
REVIEW/ RNA, metabolism

5048. Adrenal function and macromolecular transport across rat intestine. Nutr Rev 32:185-8, Jun 74 (12 ref.)

ADRENAL CORTEX HORMONES, physiology/
*ADRENAL GLANDS, physiology/
ADRENALECTOMY/ AGE FACTORS/
AMINOGLUTETHIMIDE, pharmacodynamics/
ANIMAL EXPERIMENTS/ ANIMALS,
NEWBORN/ CORTICOSTERONE,
pharmacodynamics/ CORTISONE,
pharmacodynamics/ FEMALE/
IMMUNOGLOBULINS, metabolism/
INTESTINAL ABSORPTION/ INTESTINAL
MUCOSA, physiology/ INTESTINE, SMALL,
drug effects/ INTESTINE, SMALL, growth &
development/ *INTESTINE, SMALL,
physiology/ INTUBATION,
GASTROINTESTINAL/ MACROMOLECULAR
SYSTEMS/ METYRAPONE, pharmacodynamics/
PERMEABILITY/ POLYVINYLPIRROLIDONE,
metabolism/ REVIEW

5049. Thymic function in malnutrition.

Nutr Rev 32:180-2, Jun 74 (11 ref.)
ANIMAL EXPERIMENTS/ ANIMAL
NUTRITION/ ANIMALS, NEWBORN/
ANTIBODY FORMATION/ ATROPHY/ CELL
COUNT/ CELL DIVISION/ CORTICOSTERONE,
metabolism/ FEMALE/ LYMPHOCYTES/
MALE/ NUTRITION DISORDERS,
complications/ *NUTRITION DISORDERS,
physiopathology/ ORGAN WEIGHT/
PLACENTA DISORDERS/ PREGNANCY
COMPLICATIONS/ REVIEW/ SPLEEN,
metabolism/ THYMUS GLAND, immunology/
THYMUS GLAND, metabolism/ THYMUS
GLAND, pathology/ *THYMUS GLAND,
physiopathology

NZ Med J

5050. Editorial: Drugs in asthma. NZ Med J 79:793-5, 27 Mar 74
ACUTE DISEASE/ ADOLESCENCE/ ADRENAL

AUTHOR SECTION

CORTEX HORMONES, therapeutic use/
ADULT/ AEROSOLS, administration & dosage/
*ASTHMA, drug therapy/ ASTHMA, mortality/
BECLOMETHASONE, therapeutic use/
BRONCHODILATOR AGENTS, therapeutic use/
CHILD/ CHILD, PRESCHOOL/ DISODIUM
CROMOGLYCATE, therapeutic use/ DRUG
EVALUATION/ HUMAN

Pediatrics

5051. Hemodialysis and renal transplantation in children: the role of the pediatric nephrology team.
Pediatrics 53:864-8, Jun 74
ADOLESCENCE/ CHILD/ CHILD CARE/
*CHILD DEVELOPMENT/ DIET/ GROWTH/
*HEMODIALYSIS/ HUMAN/ HYPERTENSION,
RENAL, complications/ *KIDNEY,
transplantation/ KIDNEY FAILURE, CHRONIC,
complications/ PSYCHOLOGY/ RENAL
OSTEODYSTROPHY, etiology/
TRANSPLANTATION, HOMOLOGOUS

Przegl Lek

5052. Leczenie immunosupresyjne niewydolności nerek.
Przegl Lek 29:963-9, 1972 (Pol)
*ADRENAL CORTEX HORMONES, therapeutic
use/ ANIMAL EXPERIMENTS/ DRUG
THERAPY, COMBINATION/ DRUG THERAPY,
COMBINATION, adverse effects/ HUMAN/
*IMMUNOSUPPRESSIVE AGENTS, therapeutic
use/ INDOMETHACIN, therapeutic use/
KIDNEY, transplantation/ *KIDNEY
DISEASES, drug therapy/ KIDNEY DISEASES,
immunology/ MICE/ RABBITS/ RATS/
TRANSPLANTATION, HOMOLOGOUS

S Afr Med J

5053. Letter: Treatment of tuberculosis in children.
S Afr Med J 48:897-8, 4 May 74
ANTITUBERCULAR AGENTS, administration
& dosage/ *ANTITUBERCULAR AGENTS,
therapeutic use/ HUMAN/ PREDNISONE,
administration & dosage/ PREDNISONE,
therapeutic use/ *TUBERCULOSIS IN
CHILDHOOD, drug therapy/ TUBERCULOSIS,
MENINGEAL, drug therapy
5054. Editorial: Somatostatin (somatotrophin release
inhibiting factor). S Afr Med J 48:1180, 12 Jun 74
ACROMEGALY, drug therapy/ ANIMAL
EXPERIMENTS/ DEPRESSION, CHEMICAL/
DIABETES MELLITUS, drug therapy/
DIABETIC RETINOPATHY, drug therapy/

HUMAN/ *PEPTIDES, pharmacodynamics/
PEPTIDES, therapeutic use/ SOMATOTROPIN,
antagonists & inhibitors/ SOMATOTROPIN,
secretion/ *SOMATOTROPIN RELEASING
HORMONE, antagonists & inhibitors

Tidsskr Nor Laegeforen

5055. Minipiller og graviditet.
Tidsskr Nor Laegeforen 94:1009, 30 May 74 (Nor)
*CONTRACEPTIVES, ORAL, adverse effects/
DRUG COMBINATIONS/ ESTROGENS,
administration & dosage/ FEMALE/ HUMAN/
*PREGNANCY/ PROGESTATIONAL
HORMONES, administration & dosage

Urologe [A]

5056. Neue Medikamente: Estracyt.
Urologe [A] 13:100, Mar 74 (Ger)
ANTINEOPLASTIC AGENTS, adverse effects/
*ANTINEOPLASTIC AGENTS, therapeutic use/
DRUG COMBINATIONS/ ESTROGENS, adverse
effects/ *ESTROGENS, therapeutic use/
HUMAN/ MALE/ PROSTATIC NEOPLASMS,
drug therapy

Verh Dtsch Ges Rheumatol

5057. Rundtischgespräch über die operative Behandlung der
Arthropathien.
Verh Dtsch Ges Rheumatol 3:286-305, 1974 (Ger)
ADRENAL CORTEX HORMONES, therapeutic
use/ ARTHRITIS, RHEUMATOID, drug
therapy/ ARTHRITIS, RHEUMATOID,
pathology/ *ARTHRITIS, RHEUMATOID,
surgery/ ARTHRODESIS/ ARTHROPLASTY/
BIOPSY/ FEMALE/ FINGER JOINT/ GOLD,
therapeutic use/ HAND DEFORMITIES,
ACQUIRED, surgery/ HUMAN/ JOINT
PROSTHESIS/ KNEE JOINT/ LIGAMENTS,
ARTICULAR, surgery/ MALE/
PENICILLAMINE, therapeutic use/
PREOPERATIVE CARE/ SYNOVIAL
MEMBRANE, pathology/ SYNOVIAL
MEMBRANE, surgery/ TIME FACTORS

W Va Med J

5058. Medical grand rounds from the West Virginia
University Medical Center. 2. Subacute thyroiditis.
W Va Med J 70:138-9, Jun 74
ADULT/ FEMALE/ HUMAN/ PREDNISONE,
therapeutic use/ *THYROIDITIS, drug therapy

SUBJECT INDEX

A

- ABDOMEN: 235, 1217, 1361, 1793, 1890, 2044, 3093, 3728, 3859, 4753
 ABDOMINAL INJURIES: 991, 1387
 ABDOMINAL NEOPLASMS: 2838, 3309, 3567, 4208
 ABDOMINAL WALL: 4208
 ABNORMALITIES: 415, 743, 1078, 1358, 1462, 1573, 1970, 2014, 2406, 2822, 4108, 4747, 4882
 ABNORMALITIES, DRUG-INDUCED: 263, 955
 1101, 1435, 1472, 1941, 2014, 2881, 2920, 4135, 4389, 4460
 ABNORMALITIES, MULTIPLE: 233, 633, 640, 649, 1020, 1216, 1224, 1286, 1346, 1375, 1665, 1705, 1832, 1930-1931, 2435, 2498-2499, 2621, 2889, 2985, 3389, 3434, 3458, 3593, 3656, 3812, 4024, 4118, 4305, 4313, 4392, 4421-4422, 4780, 4817, 4865, 4924
 ABO FACTORS: 789, 2677, 3094
 ABOMASUM: 3654
 ABORTION: 188, 668, 1097, 1472, 2107, 2701, 2756, 3138, 3277
 ABORTION, HABITUAL: 1097, 2522
 ABORTION, INDUCED: 298, 591, 622, 874-876, 1208, 1231, 1367, 1635, 1641, 2179, 2315, 2535, 2558, 2569, 2648, 2898, 3568, 3589, 4200, 4256, 4652, 4887, 5005, 5018
 ABORTION, LEGAL: 28, 2569
 ABORTION, MISSED: 1097, 2701, 2935-2936, 3383-3384, 4073-4074
 ABORTION, SEPTIC: 2238, 2701, 3432
 ABORTION, THERAPEUTIC: 1946, 1951, 3095, 4850
 ABORTION, THREATENED: 724, 1078, 2120, 2701, 3694, 4905
 ABORTION, VETERINARY: 2356
 ABRUPTIO PLACENTAE: 4764
 ABSCESS: 1099, 1778, 3357, 3371, 3567
 ABSENTEEISM: 2603
 ABSORPTION: 73, 1296, 2355, 2567, 4808
 ABUTMENTS, DENTAL: 820
 ACANTHOLYSIS: 4281
 ACCELERATION: 115
 ACCIDENTS, TRAFFIC: 2155
 ACCLIMATIZATION: 223, 3189-3170
 ACENOCOUMAROL: 3999
 ACETABULUM: 1298, 1477, 3861
 ACETALDEHYDE: 2534
 ACETAMIDES: 9, 419, 459, 1554, 2051-2052, 2295, 3088, 3485, 3613, 3650, 4111, 4802, 4919, 4932
 ACETAMINOPHEN: 617, 1312, 2815
 ACETANILIDE: 2052
 ACETATES: 414, 418, 509, 544, 840, 855, 1324, 1554, 1876, 2340, 2833, 2837, 2918, 3190, 3433, 3489, 4119, 4133, 4238, 4326, 4413, 4484, 4752, 4871
 ACETAZOLAMIDE: 1459, 2396, 2741, 2808, 2842, 3858
 ACETIC ACIDS: 162, 359, 517, 526, 635, 885, 922, 1297, 2160, 2279, 3871, 4076, 4244, 4324, 4391, 4451, 5036
 ACETOACETATES: 132, 847, 1252, 1950
 ACETONE: 1252, 1993-1994, 2284, 2738, 2871, 4605
 ACETYLATION: 162, 1423, 1789, 2340, 2480, 2733, 2763, 3564, 3588, 5008
 ACETYLCHOLINE: 6, 36, 103, 176, 240, 525, 572, 703, 845, 895, 1153, 1158, 1432, 1619, 1626, 1643, 1688, 1721, 1776, 1781, 2019, 2027, 2094, 2215, 2227, 2288-2290, 2333, 2355, 2431, 2469, 2484, 2496, 2720, 2728, 2848, 2895, 3088, 3121, 3159, 3185, 3228, 3428, 3528, 3649, 3859, 3942, 3989, 4084, 4540, 4750, 4879, 4939, 4958
 ACETYLCHOLINESTERASE: 423, 476, 525, 1346, 1545, 2215, 3201, 3533, 4160, 4363, 4586
 ACETYLSTERASE: 1608
 ACETYLTRANSFERASES: 132, 178, 985, 1922, 2797, 4383
 ACHIEVEMENT: 3108
 ACHILLES TENDON: 842, 4722, 4793
 ACHONDROPLASIA: 1298, 1398, 1686, 2047, 2498
 ACID-BASE EQUILIBRIUM: 131, 193, 711, 1102, 2371, 2828, 2741, 3048, 3074, 3093, 4237
 ACID PHOSPHATASE: 238, 280, 296, 428, 536, 549, 746, 757, 763, 799, 1082, 1287, 1565, 1988, 2470, 3022-3023, 3183, 3366, 4177, 4227, 4289, 4287, 4405, 4444, 4584, 4726, 4860
 ACIDOSIS: 799, 847, 1950, 2628, 2875, 3074, 3523, 4308
 ACIDOSIS, DIABETIC: 965
 ACIDOSIS, RENAL TUBULAR: 2371, 3145, 4853
 ACIDOSIS, RESPIRATORY: 3074
 ACIDS: 2628, 3212, 3671, 4071, 4172
 ACNE: 261, 1525, 1666, 2399, 2660, 4373, 5011
 ACONITE: 1980, 3025
 ACOUSTIC STIMULATION: 80, 578, 707, 1642, 2869, 4774
 ACOUSTICS: 2468
 ACRIDINES: 1089-1070, 1287, 1646, 2192
 ACROCEPHALOSYNDACTYLIA: 1151
 ACRODERMATITIS: 3603
 ACROMEGALY: 68, 94, 279, 355, 1286, 1487, 1585, 1591, 1753, 1807, 2023, 2101, 2160, 2424, 2595, 2689, 2801, 3217, 3288, 3530, 3647, 3680, 3868, 3973, 3981, 3997, 4012, 4291, 4347, 4519-4520, 4679, 5054
 ACRYLAMIDES: 2691, 4215, 4299, 4301
 ACRYLIC RESINS: 3550
 ACTIN: 2000-2001, 2407, 2655, 3202, 3411
 ACTINOBACILLUS INFECTIONS: 3593
 ACTINOMYCETALS: 185
 ACTINOMYCIN: 134, 602, 1833, 2557, 2762
 ACTINOMYCOSIS: 3523
 ACTION POTENTIALS: 177, 240, 899, 1166, 1303, 1386, 1906, 2137, 2231, 2254, 2264, 3492, 3622, 3996, 4039, 4084-4085, 4142, 4209, 4476, 4682, 4750, 4866, 5033
 ACTIVATION ANALYSIS: 814, 2807
 ACTIVITIES OF DAILY LIVING: 3685
 ACUPUNCTURE: 1749, 1902, 4156
 ACUTE DISEASE: 4, 105, 109, 141, 151, 235, 243, 313, 369, 572, 793, 981, 1110, 1200, 1205, 1365, 1391, 1855, 1867, 2198, 2324, 2339, 2355, 2426, 2505, 2563, 2601, 2781, 2942, 2954, 2981, 3070, 3119, 3360, 3377, 3398, 3406, 3537, 3555, 3674, 3712, 3804, 3989, 4328, 4585, 4707, 4727, 4843, 4861, 4875, 4980, 5050
 ACYLATION: 4603, 4668
 ACYLTRANSFERASES: 27, 4468
 ADAPTATION, BIOLOGICAL: 535, 2400, 4779
 ADAPTATION, OCULAR: 3453
 ADAPTATION, PHYSIOLOGICAL: 32, 73, 215, 463, 497, 1139, 1180, 1199, 1412, 1804, 1962, 2036, 2215, 2404, 2709, 3447, 3541, 3954, 4410, 4533, 4831
 ADAPTATION, PSYCHOLOGICAL: 3108, 3607, 3616
 ADDISON'S DISEASE: 128, 1010, 1175, 1708, 1934, 1987, 2261, 2456, 2836, 2954, 3199, 3258-3259, 3278, 4570, 4829, 4952
 ADENINE: 23, 487, 1959, 2135, 2500, 2504, 2690, 3493, 3780
 ADENINE NUCLEOTIDES: 294, 623, 1478, 1959, 2470, 2504, 2931, 3186, 3271, 3553, 3619, 3709, 4364, 5047
 ADENOCARCINOMA: 216, 228, 326, 385, 429, 519, 638, 643, 783, 835, 838, 999, 1069, 1109, 1115, 1260, 1416, 1482-1483, 1495, 1819, 1965, 2068, 2210, 2253, 2315, 2379, 2554, 2721, 2736, 2991-2992, 2999, 3003, 3063, 3082, 3091, 3156, 3182, 3235, 3314, 3425, 3537, 3887, 4094, 4284, 4414, 4426, 4508, 4723, 4962
 ADENOCARCINOMA, PAPILLARY: 1069, 1260, 1416, 2062, 2210, 2367
 ADENOFIBROMA: 1483, 3078, 3567
 ADENOMA: 68, 112, 147, 201, 288, 337, 350, 355, 455, 481, 641, 650, 785, 850, 898, 1058, 1072, 1167, 1207, 1213, 1286, 1314, 1317, 1335, 1639, 1798, 2209-2210, 2275, 2457, 2493, 2595, 2602, 2712, 2735-2736, 2866, 2938, 3174, 3188, 3443, 3488, 3559, 3605, 3666, 3742, 3753, 3776, 3791, 3978, 4469, 4599, 4616, 4776
 ADENOMA, BASOPHILIC: 859
 ADENOMA, CHROMOPHOBE: 68, 630, 859, 1637, 2689, 2938, 2972, 3680, 3956, 4395, 4910
 ADENOMA, EOSINOPHILIC: 68, 279, 360, 2101, 2424, 2689, 3981
 ADENOMA, VIRILIZING: 3427
 ADENOMATOSIS, FAMILIAL ENDOCRINE: 1639, 4672
 ADENOSINE: 1158, 1559, 1959, 1998, 2135, 2407, 2504, 2893, 3399, 4056, 4062, 4214, 4239, 4354, 4642
 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE: 2, 12, 17, 56, 59, 69, 101, 109, 124, 159, 165, 172, 178, 185, 194, 303, 324, 327, 335, 357, 366, 371, 388, 404, 410, 461, 469, 487, 493, 544, 548, 653, 660, 679, 696, 701, 717, 747, 751, 772, 778, 791, 807, 821, 856, 917, 925, 941, 985, 1002, 1012, 1023-1024, 1027, 1085, 1093, 1158, 1206, 1219, 1264, 1274, 1291, 1360, 1371, 1374, 1443, 1465, 1502, 1520, 1530, 1534, 1570, 1595-1596, 1634, 1648, 1660, 1795, 1802, 1829, 1837, 1852, 1863, 1920, 1925, 1959, 1984, 1972, 1982, 2003, 2011, 2018-2020, 2024, 2031, 2062, 2103-2104, 2119, 2134-2135, 2146, 2185, 2200-2202, 2204, 2217-2218, 2271, 2282, 2304, 2327, 2338, 2352, 2422, 2447-2448, 2460, 2475, 2483, 2495, 2500, 2504, 2506, 2562, 2647, 2650, 2656, 2666, 2690, 2692, 2708, 2719, 2790, 2797, 2823-2824, 2846, 2868, 2872, 2879, 2891, 2949, 3034, 3051, 3055, 3058, 3068, 3079-3080, 3088, 3169-3170, 3185, 3190, 3192, 3219, 3238, 3248, 3252, 3264, 3292, 3303, 3321, 3325, 3328, 3332, 3374, 3377, 3382, 3399, 3440-3441, 3446, 3453, 3466, 3495, 3508, 3513, 3548, 3578-3579, 3582, 3611, 3620, 3634, 3649, 3874, 3702, 3717, 3728, 3730, 3748, 3756-3757, 3821, 3824, 3836, 3843, 3950, 3994, 4021, 4032, 4035, 4041-4042, 4044, 4046, 4052, 4056, 4062-4063, 4070, 4084-4085, 4136, 4148, 4151, 4154, 4175, 4214, 4246, 4351, 4354-4355, 4364, 4369, 4383, 4387, 4398, 4418, 4442, 4475, 4498, 4501, 4529, 4541, 4557, 4572, 4582, 4598, 4615, 4623, 4637, 4659, 4710, 4734, 4772, 4778, 4856, 4864, 4869, 4881, 4893-4894, 4903, 4920-4921, 4926, 4986, 5006, 5042, 5044, 5046
 ADENOSINE DIPHOSPHATE: 29, 536, 623, 740, 746, 982, 1155, 1376, 1394, 1436, 1559-1560, 1764, 1870, 1972, 1988, 2470, 2500, 2708, 2763, 2790, 2872, 3048, 3186, 3271, 3609, 3821, 4239, 4252, 4271, 4391, 4539, 4642, 4765, 4970, 4999
 ADENOSINE MONOPHOSPHATE: 29, 1632, 2342, 2447, 2872, 2880, 3048, 3068, 3186, 3190, 3360, 3399, 3553, 3582, 3611, 4490, 4501, 4539, 4901, 5040
 ADENOSINE TRIPHOSPHATE: 127, 194, 238, 271, 296, 423, 466, 486, 525, 708, 804, 806, 897, 1254, 1287, 1478, 1533, 1764, 1789, 1859, 1988, 2000, 2008, 2287, 2320, 2404, 2407, 2439, 2447, 2472, 2629, 2748, 2811, 2821, 2834, 2921, 2997, 3026, 3105, 3191, 3202, 3248, 3681, 3684, 4177, 4287, 4324, 4347, 4364, 4391, 4434, 4582, 4791-4792
 ADENOSINE TRIPHOSPHATE: 29, 98, 135, 241, 271-272, 388, 423, 486, 536, 623, 740, 895, 928-927, 1012, 1024, 1155, 1247, 1265, 1360, 1490, 1570, 1628, 1712, 1795, 1859, 1920, 1968, 1998, 2000-2001, 2010, 2028, 2134, 2146, 2204, 2228, 2274, 2287, 2429, 2439, 2447, 2690, 2834, 2872, 2880, 2921, 2930, 2943, 2949, 3051, 3079, 3088, 3186, 3191, 3238, 3248, 3271, 3360, 3377, 3513, 3553, 3649, 3710, 3748, 3824, 3843, 4032, 4084, 4148, 4175, 4364, 4383, 4391, 4501, 4539, 4734, 4755, 4864, 4879, 4881, 5044
 ADENYL CYCLASE: 57, 194, 197, 204, 292, 426, 466, 486, 490, 653, 665, 759, 797, 858, 915, 960, 1023-1025, 1034, 1093, 1371, 1374, 1490, 1599, 1634, 1648, 1712, 1795, 1938, 2067, 2103-2104, 2134, 2146, 2204-2205, 2284, 2327, 2338, 2362, 2368, 2422, 2557, 2646-2647, 2666, 2690, 2719, 2797, 2811, 2824, 2879-2880, 3051, 3142, 3169, 3192, 3303, 3374, 3440-3441, 3453, 3501, 3524, 3553, 3578-3579, 3649, 3663, 3708, 3728, 3730, 3756-3757, 3821, 3968, 4064, 4149, 4154, 4201, 4236, 4351, 4354, 4398, 4475, 4491, 4496, 4630, 4680, 4724, 4771, 4778, 4903, 5006, 5044
 ADHESIONS: 990, 1890, 2587
 ADIPIC ACID: 76, 2051
 ADIPOSE TISSUE: 324, 557, 710, 917, 941, 1174, 1220, 1237, 1248, 1280, 1448, 1530, 1595, 1610, 1712, 1728, 1730, 1837, 1895, 1924, 2027, 2119, 2178, 2218, 2228, 2255, 2557, 2562, 2803, 2946, 2964, 2993, 3073, 3112, 3210, 3363, 3501, 3553, 3728, 3858, 3950, 4020-4021, 4062, 4064, 4102, 4246, 4354, 4371, 4475, 4491, 4666, 4673, 4687, 4739, 4828, 4855, 4908
 ADJUVANTS, IMMUNOLOGIC: 72, 429, 2507, 4301
 ADMINISTRATION, INTRANASAL: 3152
 ADMINISTRATION, ORAL: 55, 105, 170, 181, 505, 512, 519, 626, 675, 714, 753, 793, 805, 823, 882, 961, 1120, 1147, 1246, 1341, 1415, 1436, 1457, 1509, 1531, 1645, 1687, 1718, 1731, 1755, 1818, 1992, 1996, 1999, 2051, 2084, 2270, 2336, 2387, 2411-2412, 2425, 2492, 2508, 2837, 2861, 2897-2898, 2927, 2942, 3105, 3163, 3175, 3183, 3189, 3203, 3295, 3369, 3396, 3407, 3643, 3671, 3725, 3739, 3829, 3856, 3887, 3910-3911, 4097, 4141, 4249, 4253, 4459-4460, 4579, 4639, 4776
 ADMINISTRATION, TOPICAL: 76, 622, 678, 777, 907, 1629, 1745, 1770, 1835, 2279, 2971, 3001, 3801, 4253, 4531, 4803, 4913, 5011, 5036

SUBJECT INDEX

- ADNEXA UTERI: 1396
ADNEXAL DISEASES: 1272, 2328
ADNEXITIS: 664, 896, 1797, 2401, 2419
ADOLESCENCE: 4, 21, 34, 36, 84, 92, 104,
118-119, 190, 200, 221, 261, 270, 322, 329, 355,
361, 364, 383, 386, 422, 431, 450, 488, 505,
568-569, 593, 612-613, 646, 680, 692, 767, 773,
815, 843, 859, 995, 1010, 1018, 1042, 1061, 1090,
1120, 1140, 1151, 1180, 1182, 1186, 1193, 1197,
1204, 1220, 1231, 1233, 1241, 1244, 1260, 1302,
1308, 1329, 1339, 1353, 1373, 1388, 1396, 1401,
1525, 1573, 1594, 1605, 1663, 1752, 1824,
1888-1890, 1921, 1933, 1970, 1986, 2009, 2021,
2023, 2029, 2047, 2120, 2124, 2133, 2199, 2210,
2298, 2328, 2353, 2374, 2379, 2391, 2405, 2415,
2446, 2449, 2487, 2502, 2530, 2585, 2592, 2603,
2676, 2682, 2746, 2749, 2757, 2769, 2833, 2835,
2862, 2871, 2882, 2888, 2966, 3012, 3030, 3035,
3065, 3071, 3097-3098, 3163, 3247, 3284, 3309,
3347, 3365, 3370, 3406, 3410, 3467, 3484, 3487,
3500, 3506, 3535, 3538, 3551, 3583, 3615, 3673,
3693, 3746, 3758, 3786, 3802, 3854, 3880, 3886,
3915, 3935, 3970, 3974, 3991, 4055, 4066, 4144,
4223, 4253, 4266, 4310, 4312, 4327, 4380, 4387,
4422, 4467, 4522, 4546, 4553, 4587, 4602, 4621,
4674-4675, 4715, 4717, 4722, 4736, 4875, 4900,
4905, 4912, 4917, 4952, 4995, 5004-5005, 5050-5051
ADOLESCENT PSYCHIATRY: 2876
ADOLESCENT PSYCHOLOGY: 4327
ADRENAL CORTEX HORMONES: 7, 40, 65, 76,
90, 125, 191, 234, 278, 416, 424, 435, 480, 560,
564, 570, 582, 611, 645, 695, 753, 777, 779, 790,
816, 820, 853, 943, 1014, 1036, 1076, 1085, 1115,
1154, 1177, 1182, 1197, 1214, 1235-1236, 1268,
1276, 1363, 1479, 1499, 1501, 1522, 1524, 1562,
1592, 1604, 1655, 1743, 1746, 1782, 1827, 1855,
1933, 1939, 2009, 2015, 2044, 2166, 2197, 2244,
2266, 2303, 2364, 2397, 2404, 2426, 2461, 2526,
2533, 2556, 2603, 2643, 2686, 2762, 2769, 2864,
2873, 2908, 2939, 2943, 2954, 3000, 3012-3013,
3031, 3039, 3083, 3098, 3120, 3122, 3125, 3184,
3196, 3199, 3211, 3304, 3378, 3403, 3455, 3498,
3532, 3542, 3626, 3692, 3704, 3727, 3734,
3782-3783, 3804, 3809, 3862, 3872-3873, 3894, 3937,
3974, 3977, 3984, 4017, 4135, 4141, 4173, 4187,
4229, 4246, 4260, 4282, 4312, 4330, 4336, 4394,
4396, 4431, 4443, 4477, 4531-4532, 4534, 4565,
4570, 4592, 4608, 4613, 4626, 4637, 4646, 4672,
4675, 4693-4694, 4696, 5008, 5014, 5031, 5045,
5048, 5050, 5052, 5057
ADRENAL GLAND DISEASES: 78, 191, 568, 850,
1708, 2006, 2090, 2209, 2602, 2700, 2770, 2966,
3626, 3763, 4118, 4131, 4325, 4469, 4600, 4730,
4854, 5045
ADRENAL GLAND HYPERFUNCTION: 436, 463,
850, 1499, 1555, 1673, 2054, 2209, 2689, 4116
ADRENAL GLAND HYPOFUNCTION: 499, 1084,
1175, 1735, 2260, 2262, 2459, 2644, 2954, 3145,
3626, 3692, 3952, 3984, 4419, 4727, 4994
ADRENAL GLAND NEOPLASMS: 191, 201, 288,
318, 330, 337, 523, 601, 626, 850, 850, 859, 921,
1018, 1075, 1085-1086, 1205, 1304, 1499, 1608,
1645, 1790, 1979, 2029, 2133, 2209, 2303, 2382,
2457, 2567, 2602, 2685, 2868, 3298, 3324, 3488,
3570, 3735, 3791, 3931, 3955, 4116, 4208, 4489,
4657, 4660, 4796, 4893-4894, 4910, 4959, 4976
ADRENAL GLANDS: 7, 25, 53, 56-57, 75, 124,
165, 201, 210, 231, 265, 285, 289, 463, 487,
495-496, 550, 564, 572, 577, 580-581, 586, 627,
654, 708, 722, 736, 753, 790, 850, 878, 944, 973,
976, 983, 1009-1010, 1061, 1084, 1125-1126, 1139,
1152, 1182, 1185, 1192, 1238, 1265, 1273, 1305,
1358, 1370, 1374, 1443, 1453, 1511, 1513, 1555,
1558, 1562, 1596, 1667, 1673, 1675, 1705, 1709,
1738, 1746, 1761, 1781, 1804, 1854, 1886, 1895,
1898-1899, 1904, 1911, 1916, 1927, 1939, 1956-1957,
1966, 1992, 2011, 2048, 2059, 2066, 2081, 2096,
2108, 2141, 2143, 2213, 2221, 2225, 2227, 2244,
2256, 2269, 2289-2291, 2301, 2303, 2323, 2358,
2362, 2373-2375, 2376, 2400, 2412, 2454, 2517,
2520, 2527, 2533, 2596, 2651, 2656, 2666, 2680,
2699, 2707, 2714, 2717-2718, 2808, 2853, 2857,
2897, 2946, 2949, 2962, 2967-2968, 3009, 3026,
3029, 3037, 3043, 3054, 3083, 3122, 3124, 3155,
3176, 3181, 3197, 3199, 3221, 3231, 3233, 3258,
3261, 3270, 3286, 3294, 3299, 3358-3359, 3396,
3437, 3459, 3468, 3505, 3535, 3556, 3572, 3588,
3599, 3608, 3636, 3651, 3661, 3692, 3703, 3731,
3740, 3825, 3835, 3849, 3864, 3905, 3926, 3953,
3992, 4005, 4007, 4018, 4034, 4040, 4096, 4102,
4116, 4146, 4148-4149, 4179, 4189, 4197, 4199,
4206, 4212, 4228, 4245-4246, 4269, 4346, 4365,
4406, 4416, 4419, 4423, 4437, 4445, 4469, 4486,
4570, 4580, 4592, 4613, 4626, 4635, 4665, 4672,
4678, 4683, 4692, 4699, 4703, 4727, 4751, 4760,
4776, 4815, 4821, 4841, 4847, 4849, 4854, 4931,
4945, 4966, 4968, 4980, 4990, 4994, 5007-5008,
5043, 5045, 5048
ADRENAL MEDULLA: 169, 191, 580, 1018, 1102,
1185, 1499, 1608, 1882, 1904, 2375, 3191, 3419,
3653, 3659, 3809, 4148-4149, 4198, 4624, 4981,
5043
ADRENALECTOMY: 231, 449, 463, 496, 542, 560,
564, 577, 579-581, 708, 772, 850, 939, 1152, 1226,
1334, 1426, 1453, 1596, 1854, 1919, 1985, 2096,
2143, 2358, 2375, 2738, 2448, 2527, 2651, 2709,
2732, 2770, 2847, 2866-2867, 2934, 3026, 3054,
3083, 3181, 3199, 3209, 3233, 3270, 3286, 3294,
3546, 3572, 3681, 3692, 3864, 3872-3873, 3953,
4005, 4346, 4447, 4613, 4635, 4699, 4727, 4748,
4753, 4761, 4821, 4841, 4984, 5043, 5045, 5048
ADRENERGIC ALPHA RECEPTOR AGONISTS: 202,
665, 3260, 4593
ADRENERGIC ALPHA RECEPTOR
BLOCKADERS: 202, 454, 665, 821, 1018, 1150,
1376, 2469, 2473, 3211, 3536, 3809, 4593, 4657
ADRENERGIC BETA RECEPTOR AGONISTS: 202,
1223, 1363, 3260, 3815, 4303, 4466
ADRENERGIC BETA RECEPTOR BLOCKADERS:
9, 202, 530, 821, 1150, 1274, 1526, 1767, 2500,
2625, 3036, 3687, 3809, 3815, 3882, 4354, 4491,
4593, 4610
ADRENERGIC NEUROHUMOR DEPLETERS: 4196
ADRENOCROME: 4058
ADRENOCENTRAL SYNDROME: 850, 1162, 1623,
2015, 2381-2382, 2540, 2886, 4115, 4469, 4546
ADRIAMYCIN: 260, 498, 817
ADSORPTION: 171, 1888, 4609
ADULT: 4-5, 9, 34, 36, 41, 67, 84-85, 92, 104, 106,
109, 114, 118-119, 140, 147, 168, 182, 190, 200,
205, 219-221, 249, 261, 270, 291, 318, 322, 355,
364, 368, 375, 383, 386, 405, 421, 431, 450, 456,
475, 488-489, 498, 505, 513, 536, 542, 553, 561,
569, 590, 593, 608, 612-613, 621, 623, 630, 640,
646, 661, 675, 681, 695, 743, 745, 767, 770, 773,
785, 808-809, 814-818, 823, 838, 842, 847, 921,
933, 935, 940, 961-962, 966, 975, 979, 985, 1010,
1014, 1018, 1040, 1051, 1056, 1064, 1081-1082,
1090, 1109, 1140, 1147, 1181-1182, 1184, 1166,
1170, 1176, 1193, 1197, 1201, 1216, 1218, 1233,
1241, 1244, 1280, 1277, 1294-1295, 1302, 1308,
1339, 1353, 1363, 1372-1373, 1388, 1396, 1401,
1473, 1483-1484, 1499, 1525, 1528, 1546, 1548,
1553, 1585, 1588, 1594, 1605, 1615, 1636, 1647,
1650, 1657, 1663, 1677, 1711, 1717, 1737,
1751-1755, 1773-1774, 1793, 1797, 1807, 1814, 1824,
1837, 1854, 1882, 1889-1890, 1921, 1958, 1979,
1986, 1996, 2009, 2021, 2023, 2042-2043, 2047,
2080, 2090, 2100-2102, 2107, 2117, 2120, 2128,
2155, 2175, 2199, 2209-2210, 2233, 2238, 2259,
2261, 2266, 2285, 2292, 2298, 2301, 2321, 2342,
2345, 2353, 2364, 2379, 2381, 2390-2391, 2397,
2405, 2415, 2419, 2421, 2446, 2449-2450, 2455,
2481, 2502, 2521, 2530, 2565, 2571, 2575, 2582,
2596, 2598, 2602, 2622, 2631, 2634, 2682, 2710,
2713, 2726, 2749, 2757, 2769, 2773, 2778, 2820,
2831, 2833, 2835, 2856, 2860, 2863, 2892-2893,
2900-2901, 2906, 2913, 2962, 2969, 2979, 2982,
2986, 2989, 3005, 3030, 3035-3036, 3039, 3042,
3049, 3052-3053, 3060, 3065, 3070-3071, 3073-3077,
3084, 3097-3099, 3101, 3119, 3135, 3154, 3163,
3176-3177, 3199, 3204, 3247, 3258-3259, 3281, 3284,
3291, 3293, 3312, 3316, 3357, 3372, 3392, 3394,
3398, 3403, 3406, 3420, 3478, 3500, 3506, 3535,
3538, 3540, 3551, 3559, 3567, 3580, 3583, 3591,
3600, 3617, 3627, 3673, 3679-3680, 3682, 3685,
3693, 3725, 3727, 3735, 3742, 3766, 3772, 3795,
3802, 3835, 3852-3854, 3858, 3868, 3883, 3886,
3892, 3900-3901, 3912, 3928, 3933, 3935,
3936, 3958, 3970, 3973-3974, 3980, 3984, 4055,
4066, 4071, 4091, 4098, 4104, 4114, 4116, 4125,
4145, 4163, 4187, 4192, 4217, 4223, 4229, 4240,
4248, 4253, 4274, 4286, 4288, 4292-4293, 4310,
4325, 4330, 4336, 4342, 4348, 4350, 4356, 4367,
4374, 4377, 4429, 4457, 4489, 4522, 4551,
4563-4564, 4568, 4570, 4587, 4596, 4602, 4621,
4651, 4654, 4663, 4704, 4717, 4722, 4736-4737,
4742, 4753, 4775, 4784, 4796, 4799, 4804, 4828,
4840, 4858, 4875, 4900, 4905, 4910, 4912, 4915,
4917, 4942, 4951-4952, 4966, 4970, 4978, 4981,
4983, 4996, 5005, 5029, 5050, 5058
AEDES: 256, 4027
AEROBIOSIS: 3472, 3878, 4119, 4235
AEROSOL PROPELLANTS: 4220
AEROSOLS: 567, 616, 842, 1251, 1363, 1492, 1563,
1921, 2387, 2695, 2928, 3001, 3197-3198, 3734,
3844, 3937, 4220, 5050
AET: 1583, 2494, 4000
AFFECT: 1164, 1801, 4350
AFFECTIVE DISTURBANCES: 661, 701, 1306,
1801, 1930, 2776, 3753, 4327, 4348
AFFERENT LOOP SYNDROME: 4806
AFLATOXIN: 3672
AFRICA: 3339
AFRICA, EASTERN: 738
AGAMMAGLOBULINEMIA: 1237, 1470
AGAR: 1605, 3924
AGE DETERMINATION BY SKELETON: 361, 568,
1165, 2353, 2624, 3471, 4218, 4344, 4780
AGE FACTORS: 4, 21, 25, 60, 62, 71, 79, 90, 94,
117, 187, 190, 199, 288, 275, 279, 290, 314, 361,
391, 407, 415, 464-465, 495, 578, 582, 593, 597,
726, 750, 781, 783, 792, 801, 825, 858, 881, 904,
910, 935, 959, 965, 995, 1006, 1060, 1081, 1086,
1123, 1138, 1156, 1165, 1169, 1189, 1231, 1236,
1304, 1313, 1316, 1337, 1383, 1387, 1396, 1444,
1447, 1466, 1532, 1568, 1601, 1636, 1647, 1657,
1664, 1666, 1718, 1733, 1765, 1798, 1901, 1961,
1995, 2047, 2129, 2178, 2214, 2240, 2242, 2252,
2285, 2283, 2318, 2328, 2335, 2341, 2344, 2353,
2363, 2379, 2398, 2476, 2502, 2511, 2519, 2530,
2545, 2562, 2634, 2638, 2676, 2729, 2754, 2773,
2801, 2835, 2862, 2874, 2883, 2886, 2899, 2942,
2961, 2970, 2972, 2992, 3012, 3113, 3134, 3168,
3188, 3193, 3237, 3247, 3258-3259, 3263, 3284,
3305, 3323, 3370, 3416, 3429, 3441, 3462, 3469,
3484, 3487, 3547, 3557, 3598, 3615, 3673, 3691,
3703, 3727, 3729, 3759, 3776, 3788, 3805, 3808,
3818, 3856, 3864, 3872, 3915, 3935, 3939, 3962,
3975, 3995, 4022, 4030, 4090, 4105, 4120, 4134,
4196, 4224, 4311, 4327, 4348, 4360, 4377, 4522,
4560, 4563, 4602, 4621, 4661, 4674-4675, 4705,
4716, 4721, 4797, 4799, 4863, 4885, 4910, 4912,
4965, 4969, 5006, 5012, 5028, 5039, 5048
AGED: 4, 52, 92, 104, 114, 163, 220, 375, 431, 455,
475, 486, 505, 553, 619, 675, 745, 809, 814, 816,
836, 842, 853, 894, 933, 937, 966, 975, 1018, 1064,
1080-1081, 1140, 1142, 1166-1167, 1171, 1183, 1260,
1373, 1396, 1466, 1482-1484, 1515, 1552, 1594,
1615, 1640, 1737, 1751, 1753-1755, 1773, 1797,
1842, 1882, 1889, 1921, 1986, 1996, 2009, 2023,
2100-2101, 2210, 2259, 2261, 2269, 2285, 2364,
2377, 2379, 2405, 2428, 2446, 2461, 2470, 2565,
2576, 2631, 2686, 2710, 2721, 2770, 2773, 2820,
2833, 2856, 2860, 2892, 2938, 2962, 2982, 2984,
2998, 3005, 3039, 3049, 3052, 3057, 3065,
3076-3077, 3163, 3172, 3204, 3258, 3284, 3288,
3348, 3357, 3365, 3406, 3420, 3442, 3478, 3591,
3600, 3608, 3680, 3727, 3802, 3891, 3896, 3900,
3956, 3974, 3981, 4223, 4229, 4248, 4273, 4286,
4292, 4310, 4325, 4342, 4356, 4427, 4478, 4489,
4522, 4568, 4570, 4596, 4621, 4660, 4717, 4753,
4840, 4858, 4872, 4960, 4917
AGGLUTINATION: 3971, 4355, 4933
AGGLUTINATION TESTS: 852, 4622, 4710
AGGLUTININS: 1339
AGGRESSION: 178, 495-496, 606, 1062, 1210, 1763,
1975, 2215, 2297, 2349, 2417, 2771, 3030, 3168,
3423, 3504-3505, 3767, 3838, 4406, 4436, 4545
AGING: 78, 305, 597, 659, 1027, 1034, 1047, 1103,
1169, 1176, 1182, 1290, 1480, 1848, 1889, 1944,
1955, 2009, 2225, 2282, 2377, 2599, 2797, 2804,
2984, 2997, 3143, 3329, 3348, 3365, 3403, 3450,
3490, 3539, 3808, 3841, 3872, 3890, 4164, 4337,
4687, 4724, 4740, 4872
AGNOSIA: 1268
AGRANULOCYTOSIS: 143, 611, 1119, 1479, 2066,
2822
AGRICULTURAL WORKERS' DISEASES: 79
AGRICULTURE: 3657
AIR: 4067
AIR IONIZATION: 3378
AIR POLLUTION, RADIOACTIVE: 2905, 3631
AIRWAY OBSTRUCTION: 3148
AIRWAY RESISTANCE: 1098, 2895
ALANINE: 3025
ALANINE: 872, 1389, 1493, 1505, 1687, 3641, 4219,
4235, 4466, 4634, 4914

SUBJECT INDEX

- ALANINE AMINOTRANSFERASE: 863, 1437, 2512, 2578, 3855
 ALBUMINS: 254, 299, 1815, 3092, 3760, 3868, 3924
 ALBUMINURIA: 1751, 1754
 ALBUTEROL: 842, 1223, 1363, 1921, 2926, 4220
 ALCOHOL DRINKING: 266, 1782, 3616
 ALCOHOL, ETHYL: 150, 195, 853, 1242, 1591, 1637, 1989, 2354, 2451, 2534, 2542, 2555, 2650, 2738, 3033, 3203, 3599, 3686, 3855, 4135, 4220, 4261-4262, 4425, 4430, 4438, 4566, 4658, 4949
 ALCOHOL, METHYL: 414, 1727, 2738, 3878
 ALCOHOL OXIDOREDUCTASES: 1116, 1124, 1958, 2028, 2534, 2542, 2820, 2847, 3257, 3429, 4430, 4658
 ALCOHOLIC INTOXICATION: 847, 1989, 2534, 4949
 ALCOHOLISM: 376, 847, 1122, 1153, 1971, 1989, 3082, 3989, 4573, 4656, 4877, 4885, 5039
 ALCOHOLS: 466, 1789, 2024, 2527, 3322, 3553, 4172, 4221, 4303, 4584
 ALCOHOLS, AMYL: 880
 ALCOHOLS, BUTYL: 880, 885, 2031, 2052
 ALCOHOLS, HEXYL: 880
 ALDEHYDE OXIDOREDUCTASES: 208, 1124, 4430, 4778
 ALDEHYDES: 1124, 3648
 ALDOLASE: 3232, 3684
 ALDOSTERONE: 73, 131, 198, 285, 288-289, 295, 327, 337, 394, 440, 477, 576, 862, 973, 1052, 1054-1055, 1064, 1161-1162, 1199, 1270, 1356, 1414, 1474, 1481, 1555, 1562, 1841, 1916, 1919, 2054, 2440, 2455, 2572, 2596, 2741, 2780, 2853, 2908, 2933-2934, 2990, 3018, 3085, 3164, 3286, 3353, 3623, 3851, 3791, 3869, 4016, 4051, 4191, 4308, 4423, 4484, 4592, 4683-4685, 4703, 4748, 4829, 4861, 4966, 5008
 ALDRICH SYNDROME: 193, 1470
 ALGERIA: 1503
 ALGESTONE ACETOPHENIDE: 4265, 4432
 ALGINATES: 4697
 ALKALIES: 3145
 ALKALINE PHOSPHATASE: 5, 200, 245, 280, 296, 387, 398, 415, 598, 625, 757, 773, 804, 843, 854, 863, 1213, 1254, 1313, 1322, 1511, 1516-1517, 1861, 1896, 1932, 2263, 2278, 2405, 2742-2743, 2787, 2837, 3022-3023, 3042, 3045, 3107, 3115, 3368, 3476, 3600, 3668, 3716, 3737-3739, 3795, 3822, 3874, 3910, 4033, 4177, 4182, 4227, 4232, 4269, 4314, 4584, 4596, 4649, 4726, 4791-4792, 4975, 5041
 ALKALOIDS: 1839, 4085, 4207, 4316, 4800
 ALKALOSIS: 158, 3074, 3603, 4095, 4747-4748
 ALKALOSIS, RESPIRATORY: 3074
 ALKANES: 1938, 2496, 2769, 5008
 ALKYL SULFONATES: 1920
 ALKYLATING AGENTS: 763, 1908, 2463, 3898
 ALKYLATION: 338, 1981, 3121, 4199, 4645
 ALKYNES: 883, 4497
 ALLELES: 208, 666, 1113, 1464, 2061, 2788, 3614, 3637-3638, 3778, 4498, 4816
 ALLERGENS: 2507
 ALLOPURINOL: 89, 141, 347, 406, 988, 1297, 2017, 2825, 3309
 ALLOSTERIC REGULATION: 1959, 2872, 3064, 3611
 ALLOXAN: 1955
 ALLOXAN DIABETES: 1596, 1780, 1955, 2847, 3578, 4129, 4445, 4541, 4666
 ALLYL COMPOUNDS: 454, 2147
 ALLYLISOPROPYLACETAMIDE: 419, 2295, 4801-4802
 ALOPECIA: 276, 638, 680, 817, 1723, 2399, 4742
 ALOPECIA AREATA: 2332
 ALPHA GLOBULIN: 171, 1170, 1592, 2110, 2112, 2318, 2852, 3760, 4633
 ALPHA PARTICLES: 3817
 ALPHA RHYTHM: 1801
 ALPORT'S SYNDROME: 1768, 2900
 ALPRENOLOL: 1526, 1767, 1776, 4610
 ALTITUDE: 215, 3074
 ALUMINUM: 467, 533, 683, 1262, 1904, 2078, 2725, 3968, 4369, 4728
 ALUMINUM SILICATES: 1934
 ALVEOLAR PROCESS: 1787, 2153
 AMAUROTIC FAMILIAL IDIOCY: 4453
 AMBULATORY CARE: 342, 2336, 2701
 AMBYSTOMA: 3594, 3745, 3789
 AMELOBLASTOMA: 817
 AMELOBLASTS: 3142
 AMELOGENESIS: 3142
 AMENORRHEA: 67, 188, 322, 365, 439, 513-515, 1001, 2042, 2118, 2346, 2391, 2756, 2816, 2829, 2862, 2882, 3234, 3379, 3461, 3693, 3722, 3834, 3837, 4013, 4138, 4362, 4604, 4655, 4693, 4915-4916, 4947
 AMERICIUM: 1296, 2176, 3817, 4234
 AMIDES: 516, 655, 872, 2144, 2458, 2678, 2889, 4700
 AMIDINES: 1087, 1559-1560, 2678
 AMIDINOTRANSFERASES: 3713
 AMILORIDE: 1055, 1057, 1449
 AMINATION: 4603
 AMINES: 46, 382, 552, 624, 926, 1181, 1726, 1821, 1959, 2207, 3282, 3509, 3528, 3665, 4172, 4268, 4552, 4800
 AMINO ACID ACTIVATION: 3732
 AMINO ACID NAPHTHYLAMIDASES: 392, 425, 2476-2477
 AMINO ACID OXIDOREDUCTASES: 263, 335
 AMINO ACID SEQUENCE: 144, 146, 173, 353, 521, 527, 531, 534, 686, 832-833, 1613, 1634, 1670, 1913, 1984-1985, 2002, 2030, 2075, 2167, 2255, 2284, 2322, 2466, 2548, 2663-2664, 2733, 2737, 2958, 3160, 3195, 3332, 3473, 3798, 3998, 4013, 4018, 4075-4076, 4089, 4107, 4165-4166, 4434, 4463, 4636, 4849
 AMINO ACIDS: 132, 153, 171, 185, 278, 353, 372, 397, 516, 521, 531, 864, 872, 994, 1005, 1138, 1252, 1274, 1311, 1380, 1405, 1422, 1493, 1508-1509, 1598, 1613, 1662, 1670, 1786, 1851, 1884, 1913, 1981, 1984-1985, 1993, 2002, 2035, 2167, 2196, 2249, 2284, 2322, 2474, 2486, 2512, 2520, 2543, 2547-2548, 2552, 2615, 2639, 2653, 2664, 2682, 2697, 2733, 2745, 2760, 2797, 2824, 2901, 2917, 2955, 3195, 3252, 3294, 3332, 3405, 3451, 3457, 3463, 3490, 3499, 3924, 3998, 4064, 4075, 4100, 4107, 4140, 4153, 4167, 4199, 4207, 4235, 4243, 4255, 4299, 4339, 4434, 4463, 4505, 4540, 4555, 4575, 4626, 4641, 4644, 4780, 4800, 4914, 4936, 4985
 AMINO ACIDS, DICARBOXYLIC: 1993
 AMINO ACIDS, SULFUR: 711, 4845
 AMINO ACYL T RNA SYNTHETASES: 994, 1188, 4603
 AMINO ALCOHOLS: 4084, 4303
 AMINOACIDURIA, RENAL: 4079
 AMINO BENZOIC ACID: 1386, 1559, 2089
 AMINO BUTYRIC ACID: 525, 884, 1284, 2062, 2169, 2639, 2787, 3132, 3463, 3489, 3736, 4054, 4084-4085, 4235, 4294, 4750
 AMINOCAPROIC ACID: 75, 244, 2683, 4618, 4622
 AMINOGLUTETHIMIDE: 1513, 2680, 2774, 3083, 3122, 3496, 3743, 4416, 5048
 AMINOHIPPURIC ACID: 131, 452, 1449, 3347, 3370, 3583, 3854
 AMINOHYDROLASES: 4062
 AMINOISOBUTYRIC ACID: 1389, 3294
 AMINO LEVULINIC ACID DEHYDRATASE: 3118
 AMINO LEVULINIC ACID SYNTHETASE: 419, 2295, 3118-3119, 3582, 3621, 4801-4802, 4919
 AMINOPEPTIDASES: 767-769, 2912, 3154, 3195
 AMINOPHYLLINE: 185, 1291, 1363, 1959, 2166, 2448, 2539, 3325, 3530, 3650, 3712, 4084
 AMINOPROPIONITRILE: 263, 3225
 AMINOPTERIN: 4135
 AMINOPYRINE: 3672
 AMINOPYRINE N-DEMETHYLASE: 561, 1571
 AMINOSALICYLIC ACID: 672, 2485, 3686, 4530, 4759
 AMINOTRANSFERASES: 2512, 3107, 4459, 4900, 4919
 AMITRIPTYLINE: 900, 2656, 3921
 AMMONIA: 291, 915, 1321, 1655, 2029, 2371, 2734, 4095, 4467
 AMMONIUM COMPOUNDS: 343, 1656, 2725, 3048, 4328
 AMMONIUM SULFATE: 291, 372, 548, 1046, 1338, 1828, 2864, 2870, 2872, 3621, 4453, 4473
 AMNESIA: 522
 AMNIOCENTESIS: 566, 692, 1208, 2575, 4135
 AMNION: 566, 622, 874-875, 1419, 1489, 1635, 2179, 2535, 2558, 3568, 3964, 4200, 4887, 5018
 AMNIOSCOPY: 4033, 4547, 4975
 AMNIOTIC FLUID: 171, 345, 451, 566, 1252, 1951, 2002, 3095, 3589, 4099, 4205
 AMOBARBITAL: 811-812, 4350
 AMOEBA: 2823
 AMPHETAMINE: 15, 454, 1149, 1306, 1586, 1611, 1936, 2469, 3261, 4241, 4627
 AMPHIBIA: 554, 3428, 3769, 4110, 4287
 AMPHOTERICIN B: 327, 1646, 1949
 AMPICILLIN: 676, 894, 1293, 1949, 2247, 2814, 2963, 3178, 4377, 5001
 AMPUTATION: 4059
 AMYGDALOID BODY: 492, 522, 606, 880, 977, 1504, 1535-1537, 1545, 1684, 2203, 2212, 2239, 2242, 2297, 2400, 2649, 2671-2672, 2817, 2849, 3027-3028, 3233, 3300, 3424, 3571, 3581, 3923, 4010, 4621, 4732, 4774, 4838, 4867
 AMYLASE: 292, 1427, 1809, 2200, 2339, 3236, 4390, 4442
 AMYLOID: 100, 216, 2814
 AMYLOIDOSIS: 100, 125, 1591, 1889, 2814, 3540, 3668, 4057, 4830
 AMYOTROPHIC LATERAL SCLEROSIS: 5033
 ANABOLIC STEROIDS: 1702, 2902, 3001, 3036, 3236, 3975
 ANAEROBIOSIS: 2066, 3621, 3878
 ANAL SACS: 1108
 ANALEPTICS: 1052, 1782, 1941, 3528, 4260
 ANALGESIA: 1539, 1902, 2672, 2727, 4203
 ANALGESICS AND ANTIPYRETICS: 860, 1052, 1197, 1746, 1782, 1941, 2147, 2458, 2725, 4336, 4648
 ANALYSIS OF VARIANCE: 222, 597, 615, 736, 812, 878, 968, 1135, 1223, 2515, 2619, 3155, 3459, 3805, 4351, 4383, 4867, 4759, 4782, 4876, 4913
 ANAPHYLAXIS: 296, 837, 1044, 2016, 2185, 2507, 2584, 3585
 ANATOMY, COMPARATIVE: 971
 ANDROGENS: 237, 276, 480, 774, 818, 857, 1028, 1082, 1108, 1331, 1404, 1479, 1485-1486, 1542, 1575, 1601, 1603, 1627, 1883, 1944, 1970, 1974, 2060-2061, 2568, 2784, 2791, 2873, 2987, 2998, 3062, 3108, 3301, 3475, 3823, 3898, 3936, 3986, 4279, 4358, 4373, 4447, 4494, 4546, 4656, 4698, 4900, 4962, 4974, 5010
 ANDROSTANES: 305, 655, 1013, 1026, 1063, 1087, 3060-3061, 3078, 3222, 3424, 4974
 ANDROSTENEDIONE: 106, 113, 297, 305, 312, 655, 840, 855, 885, 1063, 1144, 1483, 1575, 1740, 1742, 1828, 1883, 2043, 2272, 2528, 2774, 2791, 2973, 3123, 3222, 3298, 3327, 3407, 3475, 3775, 3883, 4947
 ANDROSTENES: 113, 3327, 3566, 4078
 ANDROSTENOLS: 1537, 2099, 2147, 2524, 2591, 2791, 2973, 3123, 3159, 3475, 3883, 4101, 4118, 4433
 ANDROSTERONE: 276, 857, 1026, 1063, 1483, 1486, 1500, 1703, 1883, 2524, 2791, 3222, 3338, 3475
 ANEMIA: 406, 1664, 1889, 2497, 2561, 2981, 4060, 4500
 ANEMIA, APLASTIC: 244, 1119, 1143, 1479, 1813, 1970, 2435, 2443, 2801, 3764, 4725
 ANEMIA, HEMOLYTIC: 2584, 3608, 3984, 4954
 ANEMIA, HEMOLYTIC, AUTOIMMUNE: 72, 1514, 1657, 2220, 3635, 4823
 ANEMIA, HYPOCHROMIC: 268, 563, 719, 1322, 2681, 3468, 3668
 ANEMIA, MACROCYTIC: 3468, 4606
 ANEMIA, PERNICIOUS: 128, 1119, 2220, 3258-3259, 3468, 3997, 4443
 ANEMIA, SICKLE CELL: 526, 770, 952, 1202, 1704, 2900, 3850, 3972
 ANENCEPHALUS: 1927, 2091-2092, 2862, 3885, 4433
 ANESTHESIA: 1030, 1629, 1749, 2044, 2943, 4156, 4691
 ANESTHESIA, DENTAL: 2725
 ANESTHESIA, EPIDURAL: 1030
 ANESTHESIA, GENERAL: 1030, 1278, 1778, 2259
 ANESTHESIA, INHALATION: 963, 1017-1018, 1102, 1675, 2140, 2239, 2982, 3855, 4220
 ANESTHESIA, INTRAVENOUS: 3491, 4286
 ANESTHESIA, LOCAL: 4990
 ANESTHESIA, SPINAL: 1030
 ANESTHETICS: 811, 1017, 1030, 1697, 2196, 2239, 2568, 2962, 3491, 3528, 4266, 4691
 ANESTHETICS, LOCAL: 136, 2725, 3528
 ANEUPLOIDY: 307, 1160, 1750, 1766, 2574, 4577
 ANEURYSM: 263
 ANGER: 977, 3214, 4350
 ANGINA PECTORIS: 1767, 2336, 2411, 3024, 3211
 ANGIOCARDIOGRAPHY: 1256, 2984
 ANGIOGENESIS FACTOR: 1318
 ANGIOGRAPHY: 201, 383, 570, 774, 1167, 1387, 1761, 1952, 2006, 2068, 2085, 2234, 2367, 2565, 2700, 3179, 3342, 3552, 4242, 4381, 4599, 4840, 4999
 ANGIOKERATOMA CORPORIS DIFFUSUM: 1480

SUBJECT INDEX

ANGIOOMA, SCLEROSING: 383, 774
 ANGIONEUROTIC EDEMA: 3539
 ANGIOSARCOMA: 134, 1589
 ANGIOTENSIN: 9, 308, 362, 950, 974, 1030, 1054,
 1195, 1230, 1233, 1270, 1301, 1474, 1620, 1903,
 2016, 2085, 2182, 2288, 2596, 2805, 2879, 2780,
 2990, 3018, 3081, 3085, 3352, 3828, 4081, 4190,
 4209, 4237, 4267, 4486, 4533, 4588, 4597, 4818,
 4829, 4879, 4940
 ANGIOTENSIN II: 42, 58, 262, 306, 408, 1032,
 1195, 1217, 1233, 1449, 1452, 1474, 1558, 1918,
 1939, 1975, 2054, 2633, 3185, 3340, 3586, 4081,
 4267, 4468, 4500, 4533
 ANGIOTENSINASE: 1820
 ANGUILLA: 1258
 ANHYDRIDES: 162
 ANILIDES: 1559, 2477, 2844, 4084-4085, 4358
 ANILINE COMPOUNDS: 49, 2099, 2334, 2476,
 4067, 4172, 4368, 4593, 5008
 ANILINO NAPHTHALENESULFONATES: 1336,
 2859, 2996, 4667
 ANIMAL COMMUNICATION: 4268
 ANIMAL EXPERIMENTS: 1-2, 6-8, 10-13, 15,
 17-18, 22-25, 28-30, 32, 35, 39, 42, 44-46, 48, 53,
 56-57, 59-61, 63, 70-71, 73-75, 77, 80-83, 86-88, 93,
 97-99, 103, 105, 110, 113, 115-116, 124, 127, 132,
 135-139, 144, 146, 149-154, 157, 160, 163-164,
 169-171, 173-174, 176-181, 195, 197-199, 202-204,
 206-210, 212-213, 215, 217, 222-224, 228-229, 232,
 236-237, 240-242, 250, 253-256, 259-260, 262-265,
 267, 271-275, 278, 282, 285, 287, 289-290, 292-294,
 296-297, 299, 301, 303-304, 308, 314-317, 319, 324,
 327-328, 334-335, 338, 343-344, 348-349, 351, 353,
 356-358, 366-367, 372-374, 377-380, 388, 390,
 392-393, 395-396, 398, 400-404, 408, 410-412,
 419-420, 423, 425-428, 441-444, 448-449, 451-452,
 454, 458-459, 461-466, 470, 473-474, 476-477, 480,
 485-487, 490, 493-497, 500-501, 506-507, 511-512,
 516-517, 520-522, 524-525, 527-529, 531, 535, 541,
 545, 547-548, 550, 552, 554-559, 564, 572, 574-575,
 577, 579-582, 585-589, 591-592, 597, 599, 601-606,
 614-615, 617-618, 620, 624-626, 631, 635, 644, 651,
 653-657, 659-660, 665-667, 669-671, 677-679, 682,
 684, 686-688, 692, 694, 696-697, 700, 702-703,
 705-709, 713, 715-716, 720-721, 723, 725-726, 728,
 730-731, 733, 735-737, 740, 742, 747, 750-759,
 761-763, 772, 781-782, 788, 790, 793, 795-797,
 799-803, 811-813, 819, 821, 824-828, 830-833,
 836-837, 839-840, 844-846, 851-852, 855-857,
 860-861, 863-866, 868, 870-872, 877-879, 883-884,
 886-889, 891, 893, 895, 897, 899-902, 905, 907-913,
 915, 917, 919, 921, 923-924, 926-927, 932, 939,
 941, 944, 946, 949-950, 953-954, 956, 960, 964,
 968-972, 974, 976-977, 980-981, 983-987, 994, 998,
 1002-1003, 1007, 1009, 1011-1013, 1015-1016,
 1022-1025, 1027, 1030-1034, 1037, 1039, 1041, 1044,
 1046, 1048, 1050, 1052-1053, 1059-1063, 1065, 1068,
 1071, 1073, 1076-1078, 1083-1088, 1094, 1098,
 1102-1104, 1106-1108, 1113-1114, 1116, 1118, 1121,
 1123-1126, 1132, 1137-1139, 1144, 1146, 1148, 1150,
 1152, 1155, 1158, 1163, 1165, 1168-1169, 1172-1174,
 1179-1182, 1184-1185, 1190
 1192, 1195-1196, 1198, 1200, 1208-1207, 1209-1211,
 1214-1215, 1217, 1221-1223, 1226, 1232, 1234,
 1238-1240, 1242-1243, 1245, 1248, 1250-1251, 1254,
 1258-1259, 1261-1265, 1269, 1271, 1273-1274, 1276,
 1278, 1281-1283, 1287, 1290, 1298-1297, 1301, 1303,
 1307, 1309, 1311, 1316, 1318-1320, 1324, 1326-1328,
 1332-1334, 1340-1341, 1343-1344, 1347-1348,
 1359-1360, 1366, 1369-1371, 1374, 1376-1377, 1379,
 1382, 1384-1386, 1389, 1392-1395, 1399-1406,
 1408-1414, 1418, 1420-1424, 1427, 1432, 1434,
 1437-1439, 1441-1449, 1451, 1453-1456, 1458-1460,
 1462, 1467, 1474, 1476, 1478, 1480-1481, 1485,
 1488, 1490, 1493-1494, 1496-1497, 1504-1505, 1507,
 1509, 1512-1513, 1517, 1521, 1527, 1529, 1531,
 1533, 1535-1539, 1542, 1545, 1555-1556, 1558,
 1564-1565, 1569-1572, 1574-1579, 1583, 1586-1587,
 1590, 1592-1593, 1595-1596, 1601-1604, 1608-1609,
 1611-1612, 1618-1622, 1627, 1629, 1631-1634, 1636,
 1638, 1643, 1648, 1651-1654, 1659-1660, 1662, 1667,
 1670, 1673-1674, 1676, 1678, 1680, 1682-1684,
 1689-1694, 1697-1699, 1707, 1709, 1711, 1713-1715,
 1719, 1721-1722, 1724-1728, 1730, 1738-1739, 1741,
 1745, 1747-1749, 1756-1757, 1762-1763, 1768-1770,
 1775-1776, 1779-1781, 1784, 1787-1789, 1791-1792,
 1796, 1798-1804, 1806, 1809, 1811, 1815-1818,
 1820-1821, 1823, 1825-1828, 1829-1831, 1834,
 1838-1839, 1841, 1844-1845, 1852-1853, 1860-1862,
 1864, 1866-1870, 1873, 1878, 1883-1886, 1891-1892,

1894-1896, 1898-1899, 1901, 1904, 1906-1908,
 1910-1911, 1917, 1919, 1922, 1924-1926, 1928,
 1935-1937, 1948, 1950, 1954-1955, 1957, 1959-1960,
 1962-1964, 1967, 1975-1978, 1980, 1982-1984,
 1988-1989, 1992, 2000, 2004-2005, 2010-2013, 2016,
 2024, 2027, 2031, 2036, 2040-2041, 2045-2046,
 2049-2052, 2055-2057, 2060-2061, 2064-2065, 2067,
 2069-2073, 2075, 2077-2079, 2081, 2083-2084, 2087,
 2094, 2096, 2099, 2103-2104, 2106, 2110-2112,
 2115-2116, 2119, 2122-2123, 2130-2131, 2134,
 2136-2138, 2140, 2142-2143, 2146-2148, 2151-2154,
 2157-2158, 2161-2162, 2165, 2167-2170, 2172-2173,
 2176, 2184
 2185, 2187, 2189-2190, 2198, 2200, 2202-2206,
 2211-2213, 2215, 2219, 2222, 2224-2226, 2228,
 2230-2231, 2235, 2237, 2239, 2242-2244, 2248-2251,
 2254-2255, 2264, 2267, 2270, 2273-2280, 2283,
 2287-2291, 2293-2296, 2302-2312, 2314, 2316, 2318,
 2320, 2322-2323, 2325, 2327, 2330-2334, 2336-2338,
 2340, 2342, 2349-2352, 2355-2358, 2362, 2365-2366,
 2369-2370, 2373, 2375, 2378, 2386, 2388-2389, 2392,
 2398, 2400, 2403-2404, 2407, 2412-2413, 2417, 2423,
 2425, 2429-2434, 2437-2439, 2441-2444, 2447-2448,
 2451-2452, 2458, 2460, 2462, 2465-2466, 2469,
 2471-2473, 2475-2477, 2481, 2485, 2488, 2490, 2494,
 2496, 2500, 2503-2507, 2509-2513, 2515, 2517-2518,
 2523, 2525, 2527-2528, 2532-2534, 2539, 2542,
 2545-2546, 2549, 2551-2552, 2555, 2557, 2559-2560,
 2562-2563, 2570, 2572-2573, 2579, 2587-2591, 2593,
 2597-2599, 2606-2608, 2611, 2613-2614, 2616-2620,
 2623, 2626, 2628, 2632-2633, 2637, 2638-2642,
 2645-2647, 2649-2653, 2656, 2656-2659, 2662-2663,
 2666, 2668-2674, 2678-2680, 2683, 2687-2688,
 2690-2691, 2693-2694, 2696-2699, 2703, 2707-2709,
 2717-2720, 2722, 2727-2733, 2737, 2739-2741, 2745,
 2747-2748, 2750-2751, 2754, 2758-2761, 2771,
 2774-2775, 2778-2779, 2782-2783, 2786-2788,
 2791-2792, 2795, 2797, 2799, 2802-2804, 2806,
 2808-2809, 2811-2812, 2818, 2821, 2823-2825, 2830,
 2834, 2837, 2839-2844, 2846-2850, 2857, 2861, 2865,
 2869, 2875, 2877-2881, 2883-2885, 2890-2891,
 2897-2899, 2905, 2910-2912, 2914-2916, 2920-2923,
 2925, 2927-2928, 2930-2931, 2933-2934, 2939-2941,
 2945-2946, 2948-2950, 2953, 2955, 2957-2958, 2960,
 2964, 2966-2968, 2972-2977, 2983, 2991-2993, 2997,
 3000, 3006-3009, 3011, 3014, 3016, 3020-3023,
 3025-3028, 3031, 3033-3034, 3040, 3043, 3045, 3048,
 3050-3051, 3054-3056, 3058, 3060, 3064, 3069,
 3073-3076, 3078-3081, 3083, 3085-3086, 3088-3089,
 3092, 3095-3096, 3100, 3102, 3105-3106, 3112, 3116,
 3118-3123, 3126-3128, 3132-3134, 3137-3138,
 3140-3143, 3145-3147, 3153, 3155, 3157-3160, 3162,
 3164-3171, 3180-3181, 3185-3187, 3189-3192, 3194,
 3195, 3200-3201, 3205, 3209-3210, 3214-3215, 3220,
 3222, 3224-3225, 3228-3229, 3233, 3236, 3238,
 3241-3243, 3246, 3248, 3250-3252, 3254-3255, 3257,
 3260-3264, 3266, 3268, 3271-3272, 3274, 3277, 3279,
 3284-3286, 3292, 3294, 3297, 3299-3301, 3304, 3307,
 3310, 3314-3315, 3320-3323, 3325-3329, 3332, 3334,
 3338, 3340, 3349-3350, 3355-3356, 3358-3361, 3363,
 3367-3368, 3374-3376, 3378, 3380-3381, 3385-3386,
 3388, 3390, 3393, 3395, 3399-3401, 3403-3405,
 3408-3409, 3414-3415, 3417-3419, 3421-3424, 3428,
 3428-3429, 3431-3433, 3440-3441, 3444, 3447-3449,
 3452, 3454, 3456, 3459, 3466, 3469-3470, 3475-3477,
 3481-3483, 3485, 3489-3492, 3495-3496, 3498-3499,
 3501, 3503-3505, 3507, 3509-3513, 3515-3516,
 3519-3521, 3523-3524, 3526-3529, 3533, 3537,
 3541-3542, 3546-3549, 3553-3554, 3556-3558,
 3560-3561, 3564-3566, 3569, 3571-3573, 3578,
 3581-3582, 3585-3586, 3588, 3590, 3592-3594, 3599,
 3601-3602, 3606-3607, 3614, 3618, 3620, 3622-3624,
 3629, 3632, 3637-3638, 3640, 3642, 3644-3646, 3648,
 3651, 3653-3655, 3659-3660, 3663-3664, 3667, 3669,
 3671-3672, 3676-3677, 3681, 3688, 3691-3692, 3695,
 3697-3698, 3701, 3705, 3707-3710, 3713, 3731-3732,
 3736-3738, 3740, 3745, 3747-3749, 3754-3757,
 3759-3761, 3767-3769, 3771, 3777-3779, 3785, 3787,
 3789, 3792-3794, 3803, 3805, 3807, 3809-3810, 3815,
 3818-3819, 3821, 3823-3825, 3827, 3829-3830,
 3838-3839, 3841, 3843, 3846, 3848-3850, 3853, 3855,
 3860, 3864, 3866-3867, 3870-3874, 3876-3878, 3882,
 3884, 3889, 3893, 3895, 3897, 3899, 3904,
 3906-3908, 3916, 3918, 3920, 3922-3923, 3925-3927,
 3929-3930, 3938-3939, 3941-3951, 3953-3954, 3957,
 3965, 3968, 3977, 3979, 3983, 3985-3986, 3988,
 3990, 3993-3996, 3998-4001, 4003-4005, 4007-4008,
 4010-4011, 4014-4015, 4018, 4020-4021, 4025-4029,
 4032, 4034, 4039-4040, 4043-4044, 4046-4049,
 4052-4053, 4056, 4059, 4062, 4064, 4068, 4070,

4075-4076, 4079, 4081, 4083-4085, 4087-4089,
 4093-4097, 4099-4103, 4105, 4108-4112, 4117,
 4119-4120, 4122-4124, 4126-4129, 4132-4137, 4140,
 4142
 4143, 4146-4154, 4156, 4158-4159, 4162, 4167-4168,
 4170-4172, 4175-4179, 4183-4186, 4188, 4191, 4194,
 4196-4199, 4201-4205, 4207, 4209-4210, 4212-4214,
 4219, 4221, 4226, 4228, 4230-4231, 4233, 4236-4239,
 4241-4242, 4245-4247, 4255-4257, 4261-4262,
 4266-4271, 4278, 4282, 4287, 4290, 4293-4295, 4297,
 4299-4301, 4303-4304, 4309, 4311, 4314, 4321,
 4323-4324, 4331, 4333-4335, 4338, 4340-4341, 4346,
 4349, 4351, 4354-4355, 4361, 4363, 4366, 4368-4371,
 4373, 4376, 4379, 4382-4385, 4387, 4389-4391, 4394,
 4397-4399, 4404-4407, 4409-4413, 4415-4418, 4423,
 4425, 4430, 4432, 4434-4442, 4444-4445, 4448,
 4450-4451, 4459-4462, 4465-4466, 4468, 4470, 4474,
 4476, 4480, 4484, 4491-4493, 4495-4497, 4499-4501,
 4504-4505, 4511-4513, 4517-4518, 4521, 4523,
 4526-4529, 4533, 4535, 4537, 4539-4541, 4545,
 4548-4550, 4552, 4557-4558, 4560, 4562, 4566, 4568,
 4571-4572, 4575-4577, 4579-4582, 4589-4593, 4595,
 4597-4598, 4600-4601, 4603, 4605-4607, 4611, 4613,
 4616, 4618-4619, 4622, 4624, 4627-4632, 4635, 4638,
 4641, 4643-4645, 4652, 4655-4656, 4662-4664, 4666,
 4668-4669, 4673, 4677-4678, 4680-4682, 4686-4688,
 4690, 4692, 4694-4695, 4699-4703, 4708-4709, 4711,
 4718-4720, 4724, 4728-4727, 4729, 4731-4735,
 4739-4741, 4744, 4746, 4749-4751, 4754-4755,
 4757-4758, 4761-4762, 4766-4767, 4772-4774,
 4776-4777, 4779, 4781, 4785-4795, 4801-4802,
 4807-4808, 4814-4816, 4819-4823, 4827, 4830-4833,
 4838-4842, 4844-4847, 4849, 4854-4857, 4859-4860,
 4864, 4867, 4869-4870, 4873-4874, 4876, 4878, 4881,
 4883-4884, 4886, 4889, 4892, 4894-4895, 4898, 4900,
 4903, 4907-4909, 4914, 4918-4919, 4922, 4925-4928,
 4930-4937, 4939-4941, 4943-4946, 4953, 4958, 4960,
 4963-4965, 4968, 4973-4974, 4977, 4979, 4982,
 4984-4989, 4991-4993, 4998, 5000-5003, 5006, 5008,
 5012-5013, 5015, 5033, 5037, 5041, 5043-5046,
 5048-5049, 5052, 5054
 ANIMAL FEED: 589, 720, 910, 1139, 1262, 1962,
 1976, 1992, 2114, 2189, 3043, 3215, 3279, 3870,
 4027, 4726
 ANIMAL NUTRITION: 71, 157, 278, 379, 398, 802,
 910, 1138, 1296, 1976, 2112, 2853, 2803, 3279,
 3698, 3874, 3884, 4105, 4134, 4143, 4560, 4681,
 4719, 4808, 4845, 5045-5046, 5049
 ANIMALS, DOMESTIC: 289, 1172-1173, 2386
 ANIMALS, LABORATORY: 606, 1103, 2289, 2607,
 3403
 ANIMALS, NEWBORN: 11, 25, 29, 32, 275, 290,
 404, 511, 588-589, 626, 702, 747, 801, 909, 1060,
 1105, 1138-1139, 1307, 1458, 1791, 1901, 2104,
 2154, 2352, 2436, 2560, 2719, 2791, 2825, 2941,
 2997, 3126, 3134, 3192, 3210, 3421, 3441, 3459,
 3504-3505, 3547, 3669, 3691, 3866, 4032, 4059,
 4196, 4300, 4369, 4460, 4719, 4867, 4965, 5012,
 5048-5049
 ANIMALS, ZOO: 1232
 ANIONS: 1719, 2089, 2515, 2823
 ANISOLE: 389, 4261, 4643
 ANKYLOSIS: 3675
 ANNELIDA: 374, 1179
 ANOPHELES: 258, 4537
 ANOPHTHALMOS: 4817
 ANOREXIA NERVOSA: 322, 384, 2118, 2346, 3836
 ANOSMIA: 119, 2917
 ANOXEMIA: 1030, 4320
 ANOXIA: 215, 1168, 2444, 2573, 2942-2943, 3531,
 3586, 3847, 4039, 4658, 4819
 ANTARCTIC REGIONS: 3616
 ANTERIOR CHAMBER: 3541, 4448
 ANTHELMINTICS: 54, 739, 1518, 2496
 ANTHRACENES: 1688, 3208,

SUBJECT INDEX

- ANTIBODIES: 34, 65, 110, 113, 171, 197, 228, 273, 871, 1043, 1071, 1378, 1429, 1555, 1636, 1658, 1729, 1762, 1808, 1873, 1884, 1914, 1983, 2032, 2294, 2416, 2432, 2609, 2745, 2793, 3031, 3258, 3304, 3466, 3477, 3498, 3820, 3883, 3986, 4077, 4157, 4277, 4609, 4618, 4684, 4783, 4970
- ANTIBODIES, BACTERIAL: 83, 852, 3432
- ANTIBODIES, FUNGAL: 2356, 3251
- ANTIBODIES, HETEROTYPIC: 4731
- ANTIBODIES, VIRAL: 370, 2296, 2519
- ANTIBODY FORMATION: 60, 72, 83, 249, 310, 848, 852, 1119, 1182, 1467, 1479, 1482, 1555, 1751-1752, 1754, 2032, 2347, 2415, 2432, 2463, 2505, 2519, 2788, 3029, 3052, 3166, 3278, 3486, 4013, 4057, 4301, 4618, 4636, 4749, 4771, 4786, 5028, 5049
- ANTIBODY PRODUCING CELLS: 72, 1738, 2077, 2347, 2690, 4151, 4378
- ANTIBODY SPECIFICITY: 72, 146, 273, 618, 1487, 1729, 1784, 2144, 2415, 2432, 2507, 3052, 3160, 3199, 3986, 4081, 4499, 4636
- ANTICOAGULANTS: 621, 900, 816, 1052, 1465, 1560, 1941, 2166, 2354, 2902, 4872
- ANTICONSULSANTS: 174, 482, 773, 1120, 1941, 3822, 4182, 4602
- ANTIDEPRESSIVE AGENTS: 39, 799, 816, 1995, 2062, 3086, 3584, 3783
- ANTIDIABETICS: 1052, 3436, 4445, 4630
- ANTIDOTES: 3349
- ANTIEMETICS: 5035
- ANTIFIBRINOLYTIC AGENTS: 4231
- ANTIFUNGAL AGENTS: 54, 2698, 3781
- ANTIGEN-ANTIBODY COMPLEX: 787, 1787, 1914, 2443, 2763, 2793, 3344, 4057, 4499, 4788
- ANTIGEN-ANTIBODY REACTIONS: 60, 193, 485, 521, 701, 868, 1044, 1487, 1517, 1590, 1829, 1904, 2002, 2185, 2226, 2292, 2316, 2463, 2519, 2716, 2794, 2890, 3032, 3166, 3184, 3278, 3477, 3989, 4252, 4636
- ANTIGENIC DETERMINANTS: 72, 138, 146, 1629, 2074, 2230, 3160, 3510, 4089, 4186, 4636
- ANTIGENS: 228, 273, 395, 404, 532, 834, 847, 852, 920, 1301, 1310, 1454, 1487, 1590, 1615, 1707, 1751-1752, 2032, 2037, 2167, 2226, 2279, 2456, 3032, 3093, 3166, 3310-3317, 3443, 3615, 3759, 4079, 4301, 4609, 4618, 4644, 4653, 4710, 4771
- ANTIGENS, BACTERIAL: 83
- ANTIGENS, FUNGAL: 3585
- ANTIGENS, HETEROGENETIC: 146, 591, 2890, 4731, 4985
- ANTIGENS, NEOPLASM: 72, 892, 946, 1447, 1590, 3390, 3531, 3616
- ANTIGENS, VIRAL: 72, 892, 1279, 1590, 2505, 2519, 3335, 4355
- ANTIHISTAMINICS: 450, 673-674, 794, 1052, 1527, 1699, 1782, 2334, 2392, 2469, 2568, 2885, 2895, 3121, 3184, 3485, 3491, 3897, 4785, 4868, 4895, 4903, 5035
- ANTIHYPERTENSIVE AGENTS: 810, 882, 1052, 1199, 1304, 1546, 1782, 1986, 2425, 2594, 3024, 3179, 3220, 3687, 4356, 4818
- ANTI-INFECTION AGENTS: 1727, 1941, 3584
- ANTI-INFECTION AGENTS, LOCAL: 4289
- ANTI-INFLAMMATORY AGENTS: 154, 303, 798, 976, 1053, 1118, 1699, 2057, 2588, 2725, 3360, 3498, 3542, 3572, 3938, 4046, 4404, 4415, 4595, 4761, 4889, 4897
- ANTI-INFLAMMATORY AGENTS, TOPICAL: 1522, 2279, 2768, 2813, 3658, 4803
- ANTILIPIDIC AGENTS: 1996, 2654
- ANTILYMPHOCYTE SERUM: 60, 1200, 1729, 1819, 1982, 2270, 2324, 3031, 3498, 4376, 4654
- ANTIMALARIALS: 1235, 2556
- ANTIMETABOLITES: 1512, 1957, 2527, 3225, 3250, 3360, 3531, 3632, 4932
- ANTIMONY: 539, 1250-1251
- ANTIMYCIN A: 48, 740, 1513, 4341, 4418, 4827, 4932
- ANTINEOPLASTIC AGENTS: 141, 369, 680, 1069, 1171, 1288, 1718, 1813, 1833, 1839, 1865, 1908, 1941, 2426, 2463, 2896, 3031, 3070, 3090, 3183, 3289, 3857, 3936, 3962, 4030, 4094, 4173, 4229, 4358, 4380, 4427, 4532, 4584, 4793, 4799, 4961, 5020, 5058
- ANTINUCLEAR FACTORS: 72, 343, 1043, 2197, 2448, 2925, 3166, 3258, 3820
- ANTIOXIDANTS: 1312, 4306
- ANTIPARKINSON DRUGS: 352, 729, 816, 3783, 4895
- ANTIPROTOZOAL AGENTS: 105
- ANTIPYRINE: 561, 1671, 4172, 4595
- ANTISTREPTOLYSIN: 2851-2852
- ANTITHROMBIN: 1805, 1953
- ANTITOXINS: 1068, 4894
- ANTITUBERCULAR AGENTS: 226, 1149, 5053
- ANURIA: 1030, 1294, 4069
- ANUS: 2791
- ANUS, IMPERFORATE: 3389
- ANUS NEOPLASMS: 1890
- ANXIETY: 484, 2291, 3607
- AORTA: 156, 333, 725, 839, 929, 1032, 1859, 1895, 2291, 2720, 3945, 4081, 4237, 4552, 4673, 4694, 4723, 4781, 4865
- AORTA, ABDOMINAL: 1692, 1724, 4307
- AORTA, THORACIC: 99, 2633, 2754, 2878, 4040
- AORTIC ANEURYSM: 263, 350, 3179
- AORTIC ARCH SYNDROMES: 4307
- AORTIC COARCTATION: 1651, 2700
- AORTIC DISEASES: 3945, 4781
- AORTIC VALVE STENOSIS: 1578
- AORTOGRAPHY: 330, 350, 1091, 1387, 2006, 4599
- APATITES: 1582, 2176
- APGAR SCORE: 341, 634, 4612
- APNEA: 370, 2643
- APOMORPHINE: 378, 553, 1421, 1611, 2327, 2771, 2924, 3948, 4228, 4627
- APOPROTEINS: 1905, 3332, 3641, 4167, 4463
- APPENDECTOMY: 1294, 4650
- APPENDICITIS: 991
- APPENDIX: 3688
- APPETITE: 844, 2563, 2819, 3043, 3661, 3802
- APPETITE DEPRESSANTS: 1782, 4191
- APPETITE DISORDERS: 268, 1556, 3451, 3990, 4380
- APPETITE REGULATION: 286, 408, 1780, 2881, 3451-3452, 3549, 3884
- APPETITIVE BEHAVIOR: 176, 656, 1269
- AQUEOUS HUMOR: 1629, 3264, 4448
- ARABINOSIDE: 23, 791, 3207
- ARACHIDONIC ACID: 103, 303, 941, 1007, 1312, 1629, 1651, 1714, 1853, 2507, 2570, 3470, 3585, 4309, 4870
- ARACHNODACTYL: 1308
- ARBOVIRUS: 2977
- ARECOLINE: 2469
- ARGINASE: 494, 4576, 4919
- ARGININE: 107, 1368, 1826, 2029, 2131, 2160, 2220, 2273, 2486, 2548, 2554, 2610, 3132, 3627, 3689, 3693, 3904, 3922, 3973, 4003, 4091, 4153, 4167, 4218, 4243, 4351, 4695, 4914
- AROUSAL: 707, 1248, 1410, 1801, 3096, 3819, 4010
- ARRHENOBlastoma: 2529, 4632
- ARRHYTHMIA: 417, 741, 1177, 1767, 1789, 1847, 1960, 2090, 2801, 3025, 3036, 3211, 4691, 4789, 4866
- ARSENIC: 2623
- ARSENICALS: 947
- ARTERIAL OCCLUSIVE DISEASES: 2868
- ARTERIES: 127, 624, 794, 839, 950, 1280, 1474, 1620, 1724, 1905, 2079, 2878, 2963, 3274, 3373, 3430, 3552, 4242, 4271, 4407, 4634, 4817
- ARTERIOSCLEROSIS: 286, 333, 576, 929, 1091, 1491, 1500, 1724, 1905, 1952, 2291, 2478, 3500, 3674, 3945, 4395, 4634, 4781, 5031
- ARTERIOVENOUS FISTULA: 952
- ARTERIOVENOUS MALFORMATIONS: 64
- ARTERIOVENOUS SHUNT, SURGICAL: 952, 1733, 4187
- ARTERITIS: 794, 1237, 1827, 4768
- ARTHRITIS: 406, 502, 1036, 1112, 1202, 1216, 1235, 2507, 2528, 2862, 3540, 3797, 3917, 4404, 4877
- ARTHRITIS, INFECTIOUS: 502
- ARTHRITIS, RHEUMATOID: 125, 472, 1567-1568, 1827, 1933, 2106, 2556
- ARTHRITIS, RHEUMATOID: 167-168, 303, 472, 502, 881, 942-943, 1036, 1187, 1237, 1702, 1746, 1759, 1827, 1879, 2017, 2020, 2106, 2347, 2581, 2860, 3013, 3029, 3371, 3455, 3675, 3820, 4019, 4248, 4396, 4417, 4431, 4617, 4717, 4859, 4896-4897, 4917, 5014, 5057
- ARTHRODESIS: 5057
- ARTHROPATHY, NEUROGENIC: 3369
- ARTHROPLASTY: 881, 1187, 1890, 2229, 4353, 4393, 5057
- ARTIODACTYLA: 2248, 2905
- ASCARIASIS: 54
- ASCARIS: 2496
- ASCITES: 1053, 1069, 2054, 2994, 3107, 3531, 3537, 3851, 3976, 5039
- ASCITIC FLUID: 274, 697, 1053, 1069, 1886, 2121, 2316, 2339, 2678, 2798, 2994, 3081, 3537, 3760, 3816, 3976
- ASCOMYCETES: 1897, 2356
- ASCORBIC ACID: 537, 761, 983, 1138, 1434, 1667, 1899, 2213, 2506, 2665, 2661, 2717-2718, 2847, 2946, 3457, 3539, 3650, 3833, 4212, 4269, 4418
- ASCORBIC ACID DEFICIENCY: 266, 802, 983, 2718, 4082
- ASIA: 843, 2749
- ASPARAGINASE: 4, 143, 569, 1718, 3289, 4960
- ASPARTATE AMINOTRANSFERASE: 5, 744, 863, 1313, 2405, 2471, 2512, 2576, 2820, 2837, 2941, 3800, 3751, 3976, 4347, 4789, 5041
- ASPARTIC ACID: 2512, 3489-3490, 4255
- ASPERGILLOSIS: 3494, 4534, 4768
- ASPERGILLUS: 4534
- ASPHYXIA: 3809
- ASPHYXIA NEONATORUM: 29, 96, 214, 780
- ASPIRATION: 1482
- ASPIRIN: 42, 502, 617, 672, 746, 1053, 1312, 1390, 1491, 1715, 1743, 1748, 1793, 1870, 1998, 2017, 2083, 2188, 3106, 3436, 3485, 3609, 3640, 3780, 3942, 4017, 4043, 4058, 4231, 4239, 4248, 4309, 4595, 4716, 4986, 5024
- ASSISTED CIRCULATION: 4040
- ASTHMA: 102, 409, 472, 567, 701, 794, 806-807, 842, 1064, 1235, 1363, 1492, 1563, 1746, 1921, 2185, 2374, 2387, 2461, 2603, 2926, 3012, 3357, 3494, 3712, 3734, 3937, 3977, 4017, 4113, 4563, 4615, 4640, 4768, 4771, 4836, 4872, 5024, 5050
- ASTROCYTOMA: 64, 548, 898, 2252, 2972, 4729
- ATAXIA: 1791, 3053, 4772
- ATAXIA TELANGIECTASIA: 1470, 2435
- ATELECTASIS: 2509-2510
- ATHETOSIS: 2904
- ATHLETIC INJURIES: 2090
- ATMOSPHERE EXPOSURE CHAMBERS: 1250
- ATMOSPHERIC PRESSURE: 3008, 4987
- ATOMIC ENERGY: 3985
- ATOMIC WARFARE: 793
- ATP CITRATE LYASE: 222
- ATROPHY: 1151, 1276, 2308, 3420, 3786, 4531, 4790, 5049
- ATROPINE: 39, 185, 572, 567, 678, 1168, 1721, 1776, 1809, 2019, 2027, 2137, 2304, 2436, 2473, 2496, 2510, 2671, 2895, 3121, 3159, 3185, 3224, 3809, 4053, 4220, 4368, 4376, 4507, 4681, 4841
- ATTENTION: 2222, 4010, 4709
- ATTITUDE: 1208, 1292, 3173, 3467, 4288, 4911
- ATTITUDE OF HEALTH PERSONNEL: 594, 1641
- ATTITUDE TO HEALTH: 491, 2833, 3607, 3673
- AUDIOMETRY: 1095, 2298, 2900, 2917
- AUDITORY CORTEX: 80
- AUDITORY PERCEPTION: 707, 1106
- AURANTIN: 1442
- AURICULAR FIBRILLATION: 4789
- AUROTHIOGLUCOSE: 631, 4198
- AUSTRALIA: 815, 1050, 2828, 4811-4812, 4911
- AUSTRALIA ANTIGEN: 37, 1043, 3466, 4608
- AUSTRIA: 342
- AUTISM, EARLY INFANTILE: 3788
- AUTOANALYSIS: 527, 1772, 2002, 2075, 2160, 2255, 2486, 2663-2664, 2737, 3132, 3711, 3924, 3986, 4291, 4375, 4463
- AUTOANTIBODIES: 22, 72, 78, 249, 748-749, 1043, 1514, 1987, 2120, 2347, 2601, 2793, 3278, 3720, 4443, 4454-4455, 4569, 4721, 4823, 4846, 5028
- AUTOIMMUNE DISEASES: 128, 243, 249, 510, 722, 748, 1010, 1285, 1467, 2178, 2463, 2788, 2800, 3166, 3278, 3304, 3720, 3773, 3984, 4186, 4509, 4721, 4786, 4846, 5028
- AUTOLYSIS: 4511
- AUTOMATIC DATA PROCESSING: 2614
- AUTOMOBILE DRIVING: 1782
- AUTONOMIC DRUGS: 3224, 3426, 3584
- AUTONOMIC DYSFUNCTION: 1903
- AUTONOMIC FIBERS, PREGANGLIONIC: 2469
- AUTONOMIC NERVOUS SYSTEM: 642, 1642, 2917, 2939, 3485, 3562, 3617, 3859, 4485, 4793, 4841, 4858
- AUTOPSY: 79, 84, 96, 183, 209, 216, 277, 288, 370, 473, 479, 783, 918, 929, 997, 1049, 1115, 1205, 1237, 1256, 1515, 1639, 1705, 1740, 1790, 1832, 1849, 1927, 2090, 2100, 2125, 2181, 2223, 2358, 2502, 2584, 2675, 2772, 2781, 3004, 3101, 3182, 3180, 3235, 3450, 3630, 3773, 3847, 3984, 3978, 4325, 4367, 4478, 4672, 4675, 4705, 4715, 4747, 4817, 4980
- AUTORADIOGRAPHY: 87-88, 171, 434, 605, 668,

SUBJECT INDEX

700, 839, 864, 880, 909, 979, 1132, 1170, 1180, 1343, 1347, 1441, 1618, 1830, 1866, 2081, 2187, 2236, 2275, 2316, 2350, 2642, 2927, 3079, 3314-3315, 3404, 3443, 3519, 3547, 3554, 3571, 3613, 3697, 3906, 3947, 4015, 4137, 4174, 4193, 4297, 4340, 4392, 4416, 4439, 4493, 4537, 4601, 4633, 4645, 4695, 4930, 4972
AUTOSOME ABNORMALITIES: 112, 307, 1339, 1346, 2421, 2435, 2530, 3035, 3434, 4214, 4252, 4392, 4689
AVERSIVE THERAPY: 3402
AVIAN LEUKOSIS VIRUS: 601
AVIATION MEDICINE: 2596, 3110, 4728
AVITAMINOSIS: 2681, 3017, 4308
AVOIDANCE LEARNING: 522, 830, 1269, 1638, 2222, 2307, 2309, 2639, 2727, 2911, 3819, 4198, 4795
AWARDS AND PRIZES: 58, 1391, 1614, 1872, 3230, 3875, 4837, 5027
AXILLA: 2353, 2814
AXILLARY VEIN: 4457
AXONS: 229, 240, 287, 396, 1371, 1574, 1674, 2013, 2462, 2674, 3201, 3258, 3701, 3859, 4476, 4867, 4902
AXOPLASMIC FLOW: 74, 2797
AZA COMPOUNDS: 1087
AZAMETHONIUM COMPOUNDS: 1529
AZATHIOPRINE: 37, 55, 248, 787, 849, 949, 1040, 1127, 1154, 1341, 1850, 1949, 2156, 2178, 2187, 2232, 2270, 2324, 2399, 2405, 2409, 2696, 2706, 2762, 2851-2852, 3032, 3275-3276, 3494, 3635, 3820, 3854, 4057, 4135, 4187, 4372, 4396, 4404, 4654, 4783, 5017
AZAURIDINE: 4135
AZERBAIJAN: 4981
AZIDES: 411, 1859, 2055, 2678, 3765, 4341, 4343, 4365, 4752, 4932
AZO COMPOUNDS: 1828

B

BABOONS: 328, 901, 1123, 2365, 2818, 3777, 5045
BACILLUS: 2003, 3813, 4574
BACILLUS CEREUS: 4760
BACILLUS MEGATERIUM: 4623
BACITRACIN: 672, 1025, 2963, 3857
BACKGROUND RADIATION: 3985
BACTERIA: 185, 791, 802, 1087, 1903, 1967, 2483, 2664, 4449, 4849
BACTERIAL INFECTIONS: 858, 1177, 1378, 1961, 1971, 2963, 3498, 3537, 4573, 4648, 4706, 4805
BACTERIAL PROTEINS: 101, 159, 3613, 3834, 4463, 4574, 4920-4921
BACTERIAL VACCINES: 274, 1937, 4719
BACTERIOLOGICAL TECHNIQS: 159, 185, 658
BACTERIOPHAGE: 852, 4251
BACTERIURIA: 149, 906, 2851
BAMETHAN: 4939
BARBITURATES: 692, 1582, 2568, 3121, 3528, 3650, 4404, 4595, 4895
BARIUM: 334, 635, 2094, 2633, 3025, 4209, 4278
BARIUM SULFATE: 5, 1361, 1393, 2754, 2984, 3342, 3671
BARRE-LIEOU SYNDROME: 3661
BARTHOLIN'S GLANDS: 1961
BASAL METABOLISM: 33-34, 111
BASE SEQUENCE: 328, 2980, 3895
BASEMENT MEMBRANE: 75, 764, 868, 1050, 2559-2560, 3133, 3261, 3370, 3904, 4405, 4814
BASIDIOMYCETES: 4063
BASILAR ARTERY: 1745, 4552
BASOPHILS: 221, 750, 4667
BATHS: 947
BCG VACCINATION: 429, 435-436, 2896, 3290
BECLOMETHASONE: 102, 567, 842, 1492, 1543, 1921, 2387, 2695, 2926, 3197-3198, 3844, 5050
BEETLES: 4601
BEHAVIOR: 2676, 3459, 3616, 4545
BEHAVIOR, ANIMAL: 176, 275, 290, 408, 606, 707, 795, 813, 844, 860, 865, 1106, 1269, 1307, 1359, 1421, 1636, 1727, 1844, 1878, 1975, 2036, 2072, 2138, 2215, 2222, 2309, 2327, 2349, 2400, 2551, 2639, 2672, 2771, 2911, 2923, 2940, 2945, 3027-3028, 3033, 3121, 3168, 3214, 3423-3424, 3459, 3819, 3838, 4010, 4266, 4430, 4566, 4699, 4709, 4732, 4779, 4795, 4892
BEHCET'S SYNDROME: 2156
BELGIUM: 1532
BELLADONNA: 402, 3783
BENCE JONES PROTEIN: 347, 4060

BENZANTHRACENES: 1290, 2991, 3060, 3209, 3356, 3663, 3672, 4776
BENZAZEPINES: 1410, 2673
BENZENE DERIVATIVES: 794, 1560, 2002, 2678, 4606, 4761, 4695
BENZENE HEXACHLORIDE: 2354, 4147
BENZILATES: 1684, 3016
BENZIMIDAZOLES: 2425
BENZOATES: 343, 528, 1247, 1283, 1478, 1533, 1560, 1684, 2081, 2274, 3123, 3229, 3483, 3590, 4172, 4261, 4328
BENZOCAINE: 136
BENZOCYCLOHEPTENES: 3661
BENZODIAZEPINONES: 1120, 1697, 2533
BENZOFURANS: 406, 2193, 4866
BENZOPYRANS: 2193
BENZOPYRENES: 2861, 4028, 4776
BENZOTHIADIAZINES: 1356
BENZOTHIOPINS: 3921
BENZTROPINE: 1936
BENZYL COMPOUNDS: 450, 900, 1725, 2031, 2334, 3154, 3897, 4046, 4368, 4776, 4802
BEPHENIUM COMPOUNDS: 738
BERIBER: 2354
BERLIN: 2408
BETA GLOBULIN: 95, 1567, 2112, 2197, 2887, 3760, 4636, 4777
BETAMETHASONE: 105, 219, 399, 1373, 1544, 1835, 1875, 2177, 2186, 2636, 3587, 4113, 4790, 4805, 4880, 4913, 5036
BETHANECHOL COMPOUNDS: 292, 599, 1527, 1660, 2392
BIBLIOGRAPHY: 4164
BICARBONATES: 489, 570, 676, 721, 847, 1262, 2329, 2342, 2371-2372, 2394, 2515, 2623, 2741, 2820, 2842, 3048, 3074, 3093, 3145, 3650, 3858, 4095, 4287, 4308, 4748
BIGUANIDES: 4289
BILE: 692, 770, 789, 1121, 1403, 2081, 2314, 2380, 2515, 2650, 2691, 2850, 3604, 4183
BILE ACIDS AND SALTS: 1121, 1403, 2380, 2515, 2626, 3604, 3792
BILE DUCT NEOPLASMS: 2181
BILE DUCTS, INTRAHEPATIC: 2436
BILE PIGMENTS: 2380
BILIARY FISTULA: 770, 1403
BILIARY TRACT DISEASES: 2380, 2554
BILIRUBIN: 692, 770, 1996, 2405, 2694, 3072, 3107, 3600, 3606, 3976
BINDING, COMPETITIVE: 163, 272, 276, 312, 545, 582, 1032, 1383, 1414, 1429, 1513, 1537, 1560, 1808, 1932, 1944, 1986, 2041, 2058, 2084, 2205, 2259, 2341, 2527, 2560, 2609, 2934, 2973, 2996, 3285-3286, 3367, 3508, 3613, 3831, 3881, 4221, 4230, 4272, 4290, 4653, 4810, 4909, 4990
BINDING SITES: 48, 77, 86, 94, 135, 192, 237, 312, 334, 366, 426, 467, 516, 521, 565, 648, 708, 730, 833-834, 855, 908, 964, 1032, 1114, 1196, 1324, 1337, 1370, 1382, 1490, 1535-1537, 1558, 1596, 1599, 1607, 1628, 1644, 1656, 1658, 1712, 1765, 1817, 1859, 1877, 1884, 1915, 1932, 1958-1959, 2058, 2076, 2108, 2173, 2195, 2205, 2259, 2311, 2362, 2396, 2474, 2527, 2544, 2557, 2559-2560, 2617, 2646, 2655, 2731, 2790, 2834, 2844, 2872, 2879-2880, 2921, 2933-2934, 2959, 2980, 2993, 2996, 3205, 3238, 3248, 3326, 3329, 3333, 3367, 3606, 3613, 3634, 3672, 3708-3709, 3732, 3748, 3765, 3850, 3863, 3905, 3971, 3979, 3988, 4066, 4124, 4136, 4221, 4230, 4272, 4355, 4357, 4363, 4434, 4436, 4491, 4497, 4513, 4558, 4575, 4595, 4601, 4659, 4680, 4718, 4752, 4782, 4813, 4849, 4864, 4901, 4909, 4926, 4939
BINDING SITES, ANTIBODY: 72, 101, 113, 197, 1607, 2002, 2463, 3160, 4089, 4636
BIOCHEMISTRY: 1598
BIOCOMPATIBLE MATERIALS: 2229
BIOFLAVONOIDS: 2412, 4559
BIOGENIC AMINES: 39, 66, 178, 214, 795, 1158, 1184, 1574, 1660, 1975, 2005, 2062, 2070, 2087, 2191, 2431, 2484, 2534, 2639, 2720, 2763, 2931, 2945, 3543, 3871, 4209, 4331, 4630
BIOLOGICAL ASSAY: 53, 150, 276, 379, 392, 500-501, 527, 581, 597, 735-736, 755-756, 761-762, 815, 855, 872, 888, 941-942, 944, 974, 1086, 1305, 1382, 1385, 1405, 1631, 1730, 1732, 1741, 1757, 1769, 1787, 1896, 1910-1911, 1981, 1985, 2149, 2167, 2189, 2221, 2224, 2284, 2288, 2441-2442, 2455, 2552, 2663, 2669, 2730, 2783, 2841, 2843, 3127, 3351, 3456-3457, 3503, 3676, 3688, 3747, 3837, 3899, 3904, 4004, 4075, 4081, 4140, 4183,

4299, 4462, 4500, 4526, 4605, 4746, 4763, 4850, 5000-5001
BIOLOGICAL CLOCKS: 1480, 2174, 4029, 4794
BIOLOGICAL TRANSPORT: 204, 271, 276, 315, 327, 462, 476, 549, 604, 851, 900, 925, 1003, 1132, 1336, 1584, 1764, 1803, 1859, 1877, 1922, 1973, 2055, 2154, 2192, 2311, 2451, 2504, 2600, 2606, 2668, 2693, 2728, 2741, 2808, 2821, 3056, 3112, 3201, 3229, 3271, 3310, 3483, 3512, 3676, 3768, 3908, 3929, 4002, 4021, 4039, 4079, 4178, 4235, 4255, 4320, 4349, 4363, 4366, 4434, 4448, 4461, 4465, 4476, 4631-4632, 4701, 4735
BIOLOGICAL TRANSPORT, ACTIVE: 158, 163, 393, 721, 803-804, 895, 1155, 1274, 1344, 1392, 1395, 1478, 1628, 1936, 2472, 2623, 2656, 2930, 2937, 3405, 3481, 3850, 4002, 4124, 4134, 4418, 4484
BIOLOGY: 4977
BIOMECHANICS: 1262, 2000, 2229, 2655, 2983, 3561, 4188, 4839
BIOMETRY: 1775, 2445, 2468, 2597, 4197
BIOMPHALARIA: 4842
BIOPHARMACEUTICS: 258, 346, 4759, 4913
BIOPSY: 3, 51, 84, 90, 102, 121, 123, 196, 238, 283, 354, 435, 447, 652, 681, 748, 794, 854, 898, 963, 1042, 1115, 1278, 1286, 1322, 1426, 1515, 1581, 1740, 1871, 1929, 2066, 2100, 2105-2106, 2113, 2126, 2149, 2176, 2278, 2405, 2409, 2421, 2521, 2584, 2592, 2675, 2685, 2744, 2781, 2814, 2887, 2896, 3066, 3097, 3161, 3280-3281, 3295, 3370, 3462, 3706, 3716, 3796, 3846, 3854, 3894, 3902-3903, 3910, 3923-3934, 4139, 4193, 4242, 4243, 4313, 4347, 4362, 4367, 4372, 4431, 4509, 4675, 4768, 4797, 4910, 4967, 5004, 5017, 5057
BIOPSY, NEEDLE: 808, 1278, 1594, 1655, 2065, 2643, 2735-2736, 3182, 3314, 3885, 3933, 3935, 4532, 4929, 4971
BIOTRANSFORMATION: 100, 174, 438, 528, 658, 1455, 2528, 2982
BIPHENYL COMPOUNDS: 1678, 4991
BIRD DISEASES: 4832
BIRDS: 157, 420, 1320, 1693-1694, 2280, 3102, 4187, 4287, 4373, 4440, 4492, 4504, 4628, 4832, 4876
BIRTH INJURIES: 780, 2746, 3593, 4538
BIRTH RATE: 26
BIRTH WEIGHT: 341, 600, 607, 634, 767-768, 789, 965, 1008, 1039, 1375, 1433, 1771, 1632, 1927, 2524, 2661, 2689, 3194, 3237, 3277, 3345, 3577, 3691, 4419, 4612, 5047
BLADDER: 59, 327, 357, 895, 964, 1261, 1395, 1705, 2040, 2052, 2428, 2741, 3180, 3631, 4427, 4459, 4484, 4673, 4856
BLADDER DISEASES: 2238
BLADDER NECK OBSTRUCTION: 2428
BLADDER NEOPLASMS: 931, 2052, 2093, 2464
BLADDER, NEUROGENIC: 4485
BLASTOCYST: 367, 972, 1037, 2808, 3760-3761, 4922
BLEOMYCIN: 3727, 4302
BLEPHARITIS: 3857
BLINDNESS: 937, 1333, 1501, 3880
BLISTER: 4232, 4281
BLOOD: 131, 256, 370, 489, 600, 668, 711, 767, 953, 959, 1053, 1353, 1603, 2296, 2612, 3041, 3332, 3542, 3620, 3705, 3715, 3757, 4026-4027, 4051, 4237, 4841, 5044
BLOOD BACTERICIDAL ACTIVITY: 719
BLOOD-BRAIN BARRIER: 198, 393, 2250, 2656, 2793
BLOOD CELL COUNT: 143, 505, 530, 611, 623, 652, 808, 863, 1339, 1493, 1548-1549, 1870, 1987, 2117, 2601, 3067, 3147, 3362, 3417, 3568, 4058, 4077, 4239, 4246, 4271, 4459, 4664, 4765, 4970
BLOOD CELLS: 323, 793, 1834, 2819
BLOOD CHEMICAL ANALYSIS: 1313, 2848, 3065, 4164, 4459
BLOOD CIRCULATION: 24, 2983, 4210
BLOOD COAGULATION: 248, 800, 1171, 1548-1549, 1559, 1720, 2293, 2677, 3067, 3280, 3568, 4164, 4231, 4252, 4385, 4763, 4970
BLOOD COAGULATION DISORDERS: 75, 1655, 1743, 2315, 3498, 4706
BLOOD COAGULATION FACTORS: 1548, 1743, 1998, 2763, 3568, 4585, 4763-4764
BLOOD COAGULATION TESTS: 745, 1342, 1549, 1559, 1720, 1743, 1797, 1953, 2037, 2856, 3067, 3338, 3568, 4622
BLOOD DONORS: 1313, 1468
BLOOD FLOW VELOCITY: 160, 512, 687-688, 1274, 1280, 2094, 3156

SUBJECT INDEX

BLOOD GROUP INCOMPATIBILITY: 1468
 BLOOD GROUPS: 538, 3067, 3940
 BLOOD PLATELET DISORDERS: 745, 1237, 2470, 4058, 4642, 4970
 BLOOD PLATELETS: 39, 98, 271-272, 505, 536, 549, 605, 623, 745-746, 798, 808, 940, 1119, 1247, 1312, 1339, 1390, 1465, 1491, 1548-1549, 1560, 1599, 1720, 1758, 1863, 1870, 1874, 1998, 2000, 2470, 2708, 2763, 2790, 2856, 3067, 3147, 3302, 3362, 3555, 3568, 3808-3809, 3788, 3921, 4036, 4042, 4058, 4239, 4246, 4252, 4271, 4364, 4566, 4642, 4755, 4765, 4970, 4999
 BLOOD PRESSURE: 9-10, 73, 377, 512, 523, 529, 570, 642, 651, 723, 741, 751, 862, 882, 921, 988, 1057, 1102, 1152, 1168, 1198, 1201, 1274, 1301, 1311, 1319, 1365, 1409, 1411, 1449, 1452, 1526, 1651, 1700, 1734, 1745, 1755, 1779, 1804, 1820, 1828, 1839, 1864, 1916, 2051, 2094, 2170, 2182, 2211, 2375, 2425, 2430, 2448, 2469, 2471, 2509, 2566, 2605, 2612, 2625, 2646, 2683, 2688, 2714, 2732, 2754, 2843, 3019, 3042, 3074, 3100, 3164, 3167, 3189, 3220, 3300, 3325, 3456, 3459, 3491, 3536, 3573, 3676, 3687, 3700, 3810, 3882, 3938, 4053, 4093, 4208, 4237, 4296, 4304, 4307, 4356, 4500, 4807, 4819, 4858, 4895, 4915, 4939, 4992
 BLOOD PRESSURE DETERMINATION: 974, 1304, 2518, 2881
 BLOOD PROTEIN DISORDERS: 499, 1358, 1491, 2216, 3960-3961
 BLOOD PROTEIN ELECTROPHORESIS: 536, 1070, 1500, 2216, 2263, 3052, 4716
 BLOOD PROTEINS: 157, 163, 224, 315-316, 334, 341, 719, 744, 746, 883, 914, 1157, 1271, 1313, 1496, 1669, 1929, 2143, 2199, 2520, 2654, 2907, 2967, 2993, 3052, 3107, 3278, 3307, 3329, 3344, 3705-3706, 3760, 3774, 3849, 3879, 3922, 3976, 4277, 4345, 4352, 4364, 4595, 4642, 4733, 4755, 4777, 4782, 4950, 4989, 5003, 5041, 5047
 BLOOD SEDIMENTATION: 90, 530, 862, 3668, 3854, 4716
 BLOOD SPECIMEN COLLECTION: 249, 875, 1452, 3077
 BLOOD STAINS: 133
 BLOOD SUGAR: 40, 68, 80, 107, 110, 132, 218, 278, 281, 341, 356, 363, 397, 404, 489, 542, 557, 587, 627, 836, 847, 858, 882, 943, 965, 1128, 1182, 1243, 1252, 1280, 1289, 1310, 1313, 1365, 1493, 1511, 1751-1752, 1754, 1924, 1950, 1955-1956, 2038, 2143, 2372, 2429, 2730, 2732, 2734, 2871, 2892, 2916, 2937, 3093, 3175-3176, 3203, 3237, 3288, 3293, 3377, 3489-3490, 3524, 3526, 3530, 3615, 3627, 3669, 3759, 3762, 3810, 3930, 3965, 4020, 4091, 4104, 4129, 4150, 4219, 4238, 4250, 4291, 4445, 4467, 4598, 4626, 4653, 4924, 4965, 5029, 5043
 BLOOD TRANSFUSION: 243-244, 266, 745, 808, 1018, 1470, 1479, 1655, 1743, 1813, 1970, 2364, 2843, 2943, 3062, 4252
 BLOOD TRANSFUSION, AUTOLOGOUS: 799
 BLOOD TRANSFUSION, INTRAUTERINE: 692
 BLOOD UREA NITROGEN: 73, 1301, 1322, 1342, 2372, 2471, 2609, 2651-2652, 3147, 4051, 4960
 BLOOD VESSEL PROSTHESIS: 4002
 BLOOD VESSELS: 38, 263, 634, 810, 1319, 1424, 2403, 2469, 2481, 2675, 3074, 3081, 3360, 4002, 4231
 BLOOD VISCOSITY: 748, 1889
 BLOOD VOLUME: 313, 810, 1057, 1136, 1294, 1474, 1501, 1592, 1847, 1884, 2605, 3922, 4176, 4237, 4549, 4829, 4873
 BLOOD VOLUME DETERMINATION: 2044
 BLOODLETING: 266, 2166
 BODY BURDEN: 1251
 BODY COMPOSITION: 421, 547, 1066, 2176, 2598, 3073, 4162
 BODY CONSTITUTION: 3065, 3464
 BODY FLUIDS: 2193, 2276, 2371, 2410, 3009, 3268, 3537, 4549, 4800, 4905
 BODY HEIGHT: 14, 499, 607, 843, 1244, 1398, 1751-1752, 2353, 2604, 2634, 2822, 2881, 2889, 3065, 3416, 3577, 3669, 3808, 4072, 4218, 4348, 4538, 4899, 4863, 4865
 BODY SURFACE AREA: 1057, 1703
 BODY TEMPERATURE: 51, 154, 202, 304, 450, 670, 1248, 1456, 1692, 2105, 2149, 2290, 2349, 2720, 2755, 3280, 3918, 3227, 3558, 4203, 4237, 4309, 4593, 4686, 4794, 4804, 4895
 BODY TEMPERATURE REGULATION: 402, 454, 1153, 1155, 1359, 1412, 1456, 2698, 2720, 2881, 2917, 3819, 4465

BODY WATER: 108, 421, 2754, 3073, 3482, 3879, 4051, 4162, 4965
 BODY WEIGHT: 8, 32, 61, 71, 170, 180-181, 195, 210, 222-223, 421, 464, 545, 547, 574, 589, 597, 720, 726, 731, 756, 793, 843, 852, 863, 878, 910, 932, 976, 1066, 1103, 1138, 1244, 1248, 1252, 1439, 1703, 1709, 1738, 1751-1752, 1791, 1799, 1804, 1825, 1883, 1916, 1928, 1931, 1955, 1962, 2055, 2096, 2112, 2116, 2138, 2143, 2151, 2215, 2225, 2261, 2336, 2338, 2353, 2411, 2563, 2604, 2619, 2649, 2729, 2754, 2791-2792, 2822, 2861, 2881, 2911, 2946, 3023, 3027, 3040, 3043, 3065, 3073, 3112, 3146, 3170, 3194, 3209-3210, 3263, 3273, 3415-3416, 3423, 3433, 3452, 3490, 3549, 3577, 3648, 3661, 3668, 3691, 3696, 3705, 3755, 3759, 3771, 3818, 3829, 3849, 3864, 4032-4033, 4052, 4105, 4143, 4191, 4199, 4218, 4232, 4296, 4346, 4405, 4459-4460, 4517, 4526-4527, 4580, 4664, 4699, 4722, 4736, 4779, 4860, 4863, 4865, 4908, 4952, 4965, 4974, 5012
 BONE AND BONES: 3, 43, 144, 161, 173, 175, 184, 200, 263, 387, 415, 437, 448, 497, 541, 598, 605, 625, 633, 647, 710-711, 718, 801, 814, 854, 868, 886, 931-936, 938, 990, 1002, 1066, 1080-1081, 1090, 1111, 1165, 1176, 1202, 1220, 1245, 1250-1251, 1254, 1256, 1259, 1262, 1296, 1393, 1417, 1420, 1532, 1567-1568, 1582, 1654, 1686, 1704, 1785, 1787-1788, 1791, 1879, 1889, 1907, 2068, 2073, 2145, 2153, 2176, 2214, 2229, 2313, 2361, 2384, 2395, 2541, 2597, 2621, 2628, 2637, 2665, 2711, 2778, 2802, 2807-2808, 2810, 2822, 2839, 2842, 2863, 2979, 3005, 3021-3023, 3038, 3056, 3059, 3069, 3113, 3118, 3125, 3138, 3156, 3249, 3284, 3323, 3334, 3342, 3346, 3365, 3422, 3450, 3512-3513, 3550, 3552, 3557, 3631, 3656, 3698, 3717, 3737, 3755, 3764, 3787, 3795, 3800, 3821, 3850, 3861, 3874, 3910, 3919, 3975, 3993, 4038, 4096, 4126, 4139, 4186, 4234, 4236, 4277, 4298, 4333, 4344, 4367, 4389, 4434, 4460, 4490, 4517, 4596, 4617, 4632, 4663, 4670, 4673, 4687-4688, 4705, 4720, 4727-4728, 4791-4792, 4839, 4853, 4971, 4985
 BONE CEMENTS: 3346
 BONE CYST: 4019
 BONE DEVELOPMENT: 92, 125, 430, 568, 625, 659, 866, 1703, 2597, 2624, 2628, 2802, 3125, 3323, 3512, 3698, 3738, 3784, 4139, 4526-4527, 4663, 4887
 BONE DISEASES: 175, 263, 760, 1080, 1733, 1772, 1879, 2263, 2363, 2395, 2479, 2497, 2807, 3319, 3342, 3675, 3746, 3796, 4019, 4038, 4139, 4544, 4598, 4853, 4862, 4917, 4971, 4997
 BONE DISEASES, DEVELOPMENTAL: 329, 541, 1151, 1225, 1298, 2298, 4421-4422, 4653, 4780, 4882
 BONE MARROW: 52, 156, 302, 725, 808, 1205, 1322, 1813, 1889, 1937, 2040, 2822, 3082, 3273, 3305, 3552, 3631, 3857, 3881, 3938, 4246, 4277, 4490, 4532, 4629, 4797, 4980
 BONE MARROW CELLS: 84, 142, 273, 302, 457, 480, 503, 684, 689, 817, 1053, 1205, 1470, 1479, 1515, 1764, 1813, 2077, 2220, 2269, 2316, 2433, 2443, 2546, 2758, 3117, 3417-3418, 3697, 3962, 4236, 4340, 4629, 4766
 BONE MARROW DISEASES: 104, 244, 302, 1813, 2117, 2815, 2822
 BONE MARROW EXAMINATION: 143, 302, 1790, 2269, 2850, 4797, 4823
 BONE MATRIX: 387, 539, 886, 1190, 2802, 3738
 BONE NEOPLASMS: 325, 835, 1519, 1893, 1909, 2068, 2885, 3156, 3478, 3559, 3802, 4038, 4427, 4516, 4682, 4910, 4976
 BONE REGENERATION: 173, 533, 541, 1111, 2637, 3795, 4126
 BONE RESORPTION: 311, 455, 497, 541, 625, 803, 835, 863, 1016, 1584, 1787, 1791, 2139, 2329, 2628, 2810, 2842, 3022, 3269, 3450, 3512, 3640, 3675, 3718, 3755, 3784, 3795, 3910, 4139, 4353, 4517, 4720, 4791, 4904
 BORATES: 509, 4752
 BORNA DISEASE: 2977
 BOROHYDRIDES: 834, 3470
 BORON: 1107
 BOSTON: 818
 BOTULINUM TOXIN: 2966
 BOTULISM: 2966
 BRACES: 1298
 BRACHIAL ARTERY: 1058
 BRADYCARDIA: 4789
 BRADYKININ: 303, 479, 1098, 1592, 1787, 2753,

2895, 3014, 3036, 3106, 3360, 3466, 3515, 3565, 4046, 4368, 4500, 4597, 4814, 4873
 BRAIN: 11, 15, 29, 64, 80, 96, 132, 148, 165, 259, 264, 287, 370, 408, 410, 465, 476, 525, 540, 552, 631, 651, 656, 776, 795, 810, 816, 865, 898, 1007, 1027, 1058, 1106, 1124, 1180, 1195, 1240, 1265, 1268, 1367, 1370, 1374, 1378, 1410, 1421, 1434, 1455, 1501, 1504, 1509, 1535-1537, 1556, 1574, 1601, 1611, 1663, 1781, 1799, 1801, 1878, 1894-1895, 1903, 1917, 1928, 1959, 1980, 1989, 2008, 2024, 2050, 2056, 2062, 2078, 2087, 2140, 2146, 2154, 2215, 2222, 2239, 2242-2243, 2250, 2304-2306, 2309, 2320, 2334, 2357, 2388, 2400, 2412, 2417, 2534, 2556, 2572, 2639, 2717-2718, 2731, 2771, 2776, 2795, 2819, 2897, 2939-2940, 2945, 2953, 2977, 2997, 3026, 3044, 3079-3080, 3086, 3222, 3233, 3238, 3332, 3342, 3404, 3423-3424, 3440, 3448, 3459, 3489-3490, 3528, 3680, 3691, 3839, 3862, 3925-3927, 3929, 3940, 3988, 4007, 4032, 4098, 4105, 4150, 4196, 4201, 4241, 4246, 4250, 4277, 4330-4331, 4349, 4425, 4430, 4432, 4459, 4501, 4539-4540, 4566, 4572, 4626-4627, 4678, 4686, 4690, 4709, 4724, 4729, 4733, 4735, 4740, 4769, 4813, 4817, 4838, 4892, 4925, 4995
 BRAIN ABSCESS: 2252
 BRAIN CHEMISTRY: 8, 176, 555, 631, 1238, 1306, 1574, 1603, 1763, 1917, 1936, 2067, 2140, 2146, 2334, 2349, 2417, 2534, 2572, 2656, 2673, 2717, 2931, 2940, 2945, 3044, 3080, 3132, 3220, 3229, 3332, 3422, 3441, 3456, 3528, 3565, 3599, 3692, 3839, 3925-3926, 4103, 4156, 4250, 4436, 4496, 4621, 4727, 4886, 4980
 BRAIN CONCUSSION: 3535
 BRAIN DAMAGE, CHRONIC: 4924
 BRAIN DISEASES: 481, 624, 649, 662, 793, 1151, 1232, 2007, 2080, 2252, 2594, 2643, 2734, 2816, 2972, 3525, 4263, 4330, 4467, 4530, 4814, 4735
 BRAIN EDEMA: 96, 198, 624, 793, 2734, 3563, 3662, 5035
 BRAIN INJURIES, ACUTE: 198, 2221, 4061
 BRAIN MAPPING: 317, 259, 776, 795, 899, 1476, 1504, 1801, 2782, 3159, 3838, 3927
 BRAIN NEOPLASMS: 64, 362, 381, 461, 488, 571, 662, 776, 898, 1096, 1425, 1501, 1710, 2128, 2252, 2715, 2874, 2972, 3309, 3430, 3680, 4061, 4128, 4169, 4280, 4330, 4478, 4538
 BRAIN STEM: 15, 741, 795, 1238, 1240, 1545, 2671, 2698, 2925, 3053, 3075, 3430, 3459, 3565, 3599, 4196, 4779, 4886, 4925
 BRAZIL: 663, 2968
 BREAD: 1450
 BREAST: 365, 568, 870, 1931, 2116, 2632, 2830, 3061, 3068, 3551, 3823, 4905, 5026
 BREAST DISEASES: 590, 2970-2971, 3068, 4325, 4871
 BREAST FEEDING: 246, 692, 815, 870, 1345, 1844, 2354, 5042
 BREAST NEOPLASMS: 269, 385, 498, 560, 684, 785, 788, 817-818, 835, 838, 850, 948, 1028, 1156, 1334, 1483, 1519, 1597, 1710, 1819, 1909, 1912, 1965, 2093, 2175, 2292, 2445, 2531, 2631-2632, 2840, 2996, 3049, 3060, 3062, 3065, 3076-3077, 3156, 3204, 3208, 3270, 3314, 3478, 3699, 3816, 3857, 3885, 3894, 4284, 4319, 4325, 4356, 4380, 4447, 4698, 4882, 4962, 4971, 4990, 5019-5020, 5030
 BREEDING: 972, 1976-1977, 3279, 3805, 4197, 4560
 BRENNER TUMOR: 508
 BRETILUM COMPOUNDS: 32, 4866
 BREVIBACTERIUM: 1795
 BROMIDES: 1090, 1719, 3840, 4752
 BROMINE: 715, 778, 958, 1001, 1073, 1421, 1611, 2454, 2924, 3613, 3837, 4092, 4207, 4385, 4525, 5013
 BROMODEOXYURIDINE: 1851, 2206, 4972
 BRONCHI: 102, 2895, 3148, 3847, 3977, 4771
 BRONCHIAL ARTERIES: 4096
 BRONCHIAL DISEASES: 450, 990
 BRONCHIAL FISTULA: 770
 BRONCHIAL NEOPLASMS: 38, 277, 288, 638, 1495, 2093, 2554, 2765, 3156, 3478, 3744, 4284, 4388
 BRONCHIAL SPASM: 3148, 3485, 4771
 BRONCHIECTASIS: 4768
 BRONCHOLITIS, VIRAL: 2459
 BRONCHITIS: 472, 1746, 3012, 4563
 BRONCHODILATOR AGENTS: 842, 1363, 3148, 3357, 3734, 4220, 4260, 4872, 5050
 BRONCHOPNEUMONIA: 1237, 4836
 BRONCHOSCOPY: 102, 619, 1495

SUBJECT INDEX

BROWN FAT: 2352, 2881, 2927, 3190
 BRUCELLA ABORTUS: 852
 BUFANOLIDES: 4958
 BUFFALOES: 4120
 BUFFERS: 509, 687, 721, 746, 767, 1325, 1582, 1659, 1839, 2371, 2477, 2628, 2842, 3212, 3411, 3738, 3858, 3863, 4199, 4482
 BUFO BUFO: 242, 2157
 BUFO MARINUS: 59, 327, 357, 895, 964, 1261, 1395, 2741, 4484
 BUNGAROTOXINS: 4376, 4735
 BURKITT'S LYMPHOMA: 1266, 2838, 3289, 3309, 4675
 BURKITT'S LYMPHOMA VIRUS: 3335
 BURNS: 150, 187, 1778, 2947, 3261, 3801, 4873
 BURSA OF FABRICIUS: 60
 BURSTITIS: 3797, 4336, 4717
 BUSULFAN: 1205, 1995, 2856, 3117, 4135
 BUTANONES: 5008
 BUTTER: 3338
 BUTYLAMINES: 4268, 4303, 4354
 BUTYRATES: 469, 696, 1371, 1534, 2215, 2562, 2623, 3132, 3399, 4498, 4582
 BUTYROPHENONES: 1640

C

C-REACTIVE PROTEIN: 1592
 C-TYPE VIRUSES: 134, 328, 601, 1912, 3425, 3460, 3554
 CADAVER: 248, 2232, 2706, 3536, 4187, 4344, 4783
 CADMIUM: 254, 742, 1194, 1420, 1424, 2580, 2740, 2843, 3349, 3474, 3993, 4202, 4461
 CAERULEIN: 2392, 3510, 4597
 CAFFEINE: 15, 411, 717, 821, 884, 1291, 1386, 1972, 2327, 2539, 3088, 3161, 3241, 3436, 3582, 4039, 4172, 4582, 4963
 CALCANESUS: 933-936, 3113
 CALCIFICATION, PHYSIOLOGIC: 294, 387, 430, 539, 659, 888, 1190, 1907, 2153, 2229, 2822, 3450, 3717, 3738, 4177, 4337, 4367, 4465, 4842
 CALCINOSIS: 92, 200, 1256, 1584, 1649, 2006, 2337, 2467, 2620, 3488, 3716, 3795, 3885, 4019, 4329, 4353, 4367
 CALCITONIN: 145, 282, 340-341, 387, 398, 407, 455, 484, 541, 690, 845, 877, 1015, 1306, 1381, 1459, 1460-1461, 1610, 1735, 1811, 1857, 1862, 2355, 2506, 2761, 2810, 3021-3023, 3114-3115, 3125, 3160, 3395, 3442, 3466, 3478-3479, 3510, 3678, 3717, 3744, 3821, 3852, 4236, 4411, 4479, 4517, 4720, 4988, 5016, 5021
 CALCIUM: 3, 8, 15, 17, 36, 48, 61, 85, 116, 127, 132, 136, 144, 148, 161, 175, 177, 194, 200, 204, 246, 282, 294, 325-327, 333-334, 340-341, 372, 398, 411-412, 423, 432, 461-462, 474-475, 482, 484, 487, 497, 499, 516-517, 519, 526-527, 532-533, 539, 541, 595, 598, 625, 635, 644, 648, 677, 708, 711, 714, 721, 727-728, 740, 773, 781, 790, 792, 802-806, 814, 826, 831, 851, 856, 861, 863, 877, 886, 913, 926-927, 933, 954, 986, 997, 1002-1003, 1016, 1080, 1142, 1147, 1194, 1206, 1213, 1247, 1254, 1258-1259, 1264, 1303, 1313, 1322, 1324, 1334, 1344, 1348, 1386, 1408, 1411, 1431, 1446, 1451, 1453, 1460, 1466, 1478, 1490, 1533, 1548, 1557, 1580, 1584, 1599, 1612, 1628, 1643, 1656, 1661, 1680, 1707, 1728, 1733, 1735, 1762, 1764-1765, 1772, 1776, 1788, 1791, 1803, 1809-1811, 1815, 1828, 1839, 1840, 1859, 1870, 1877, 1884, 1898, 1914, 1922-1923, 1966, 1968, 2000-2001, 2003, 2008, 2010, 2018, 2055, 2067, 2083, 2122-2123, 2139, 2159, 2169, 2172, 2195, 2231, 2264, 2274, 2287, 2320-2321, 2329, 2355, 2363, 2407, 2423, 2447, 2451, 2460, 2467, 2472, 2478-2479, 2496-2497, 2559-2560, 2600, 2623, 2628, 2630, 2635, 2655, 2668, 2676, 2682, 2684, 2708, 2710, 2726-2729, 2743, 2748-2749, 2777-2778, 2787, 2802, 2807-2808, 2810-2811, 2821, 2824, 2834, 2840, 2863, 2901, 2921, 2930, 2933, 2944, 2955, 2959, 2976, 3019, 3021, 3023, 3038, 3042, 3074, 3084, 3093, 3105, 3113-3115, 3125, 3129, 3147, 3161, 3201-3202, 3229, 3241, 3248, 3271, 3291, 3310, 3319, 3328, 3343, 3349, 3368, 3374, 3392, 3395, 3405, 3426, 3442, 3447, 3453, 3478-3479, 3481-3483, 3486, 3512, 3518, 3526, 3559, 3578, 3595, 3606, 3666, 3678, 3684, 3698, 3716-3718, 3730, 3736, 3739, 3753, 3755, 3766, 3768, 3776, 3784, 3795, 3822, 3850, 3858, 3863, 3907-3908, 3910-3911, 3929, 3945, 4002, 4035, 4038-4039, 4064, 4067, 4071, 4079, 4083, 4124, 4134, 4139, 4162, 4251, 4264, 4278, 4296, 4324, 4338, 4343, 4364, 4374, 4387, 4390-4391, 4409,

4411, 4449, 4461, 4465, 4476, 4482, 4501-4502, 4517, 4528, 4539, 4557, 4574, 4603, 4619-4621, 4631-4632, 4634, 4701, 4720, 4724, 4726, 4728, 4735, 4744, 4759, 4791-4792, 4808, 4842, 4845, 4864, 4883, 4893-4894, 4933, 4936, 4938, 4940, 4955, 4960, 4988, 4998, 5042, 5046
 CALCIUM CARBONATE: 533, 2176, 3686, 3717
 CALCIUM CHLORIDE: 398, 845, 2802, 3025, 3608, 3650, 4134, 4993
 CALCIUM, DIETARY: 61, 85, 341, 361, 497, 659, 714, 792, 804-805, 843, 886, 1081, 1262, 2743, 2778, 2839, 2901, 3779, 4410-4411, 4998
 CALCIUM HYDROXIDE: 820, 1197, 1203, 4482
 CALCIUM ISOTOPES: 728, 1787-1788
 CALCIUM METABOLISM DISORDERS: 532, 803, 814, 1810-1811, 1862, 2363, 2807
 CALCIUM PHOSPHATES: 294, 387, 740, 1907, 4482
 CALCIUM RADIOISOTOPES: 48, 173, 334, 387, 462, 516-517, 625, 647, 714, 804-805, 856, 877, 913, 926-927, 1089, 1080, 1206, 1344, 1386, 1431, 1490, 1584, 1656, 1859, 2055, 2169, 2172, 2559-2560, 2728, 2748, 2807-2808, 2842, 2921, 3105, 3113, 3248, 3343, 3483, 3737-3738, 3755, 3768, 3907-3908, 3929, 4124, 4134, 4264, 4409, 4411, 4461, 4502, 4539, 4701, 4720, 4735, 4965, 4998
 CALCULI: 826
 CALIFORNINIUM: 3138
 CALORIMETRY: 346
 CAMELS: 3409
 CAMPTOTHECIN: 3090
 CANADA: 67, 1391
 CANAVANINE: 3132
 CANDIDA: 54, 922, 4289, 4534
 CANDIDA ALBICANS: 54, 2696
 CANNABIS: 8, 265, 813, 1061, 1629, 1894, 2910, 4266, 5037
 CAPILLARIES: 254, 314, 431, 839, 1111, 1318, 1406, 2041, 2510, 3350, 3902, 4450, 4704
 CAPILLARY PERMEABILITY: 150, 254, 1294, 1592, 1667, 1699, 1803, 2902, 2966, 3061, 3092, 3360, 3868, 4385, 4585, 4814, 4873
 CAPILLARY RESISTANCE: 1319, 1357, 2094
 CAPRYLATES: 4265
 CAPSULES: 1996
 CARBACHOL: 262, 402, 408, 529, 844, 977, 2027, 3185, 3214, 4376, 4682, 4892
 CARBAMATES: 3182-3183, 3201, 4427, 4584
 CARBAMAZEPINE: 3053, 3692
 CARBAZOLES: 1839
 CARBENICILLIN: 658, 2963, 3857
 CARBIMAZOLE: 355, 1228-1229, 2233, 3042, 4286
 CARBODIIMIDES: 1678, 2472
 CARBOHYDRATE ISOMERASES: 245, 3827
 CARBOHYDRATE METABOLISM, INBORN ERRORS: 3131
 CARBOHYDRATES: 185, 397, 516, 925, 957, 1140, 1274, 1344, 1670, 1938, 1988, 2014, 2167, 2237, 2552, 2892, 2902, 3026, 3037, 3093, 3349, 3544, 3578, 4523, 4626, 4933, 5031
 CARBON: 3550, 4814
 CARBON DIOXIDE: 131, 370, 723, 1168, 1313, 1389, 1838, 2239, 2430, 2628, 2880, 2812, 2820, 2842, 2916, 3048, 3093, 3712, 3734, 4021, 4119, 4237, 4304, 4326, 4563, 4573, 4807, 4841, 4950, 4963, 5034
 CARBON ISOTOPES: 1029, 2454, 2927, 3613, 4146, 4756, 4871
 CARBON MONOXIDE: 1290, 1512-1513, 1957
 CARBON RADIOISOTOPES: 6, 11-12, 18-19, 27, 39, 97, 106, 135, 159, 205, 241, 285, 297, 312, 315, 335, 371, 380, 444, 476, 487, 530, 545, 559, 586, 592, 602, 696, 745-746, 754, 758, 798, 823, 840, 855, 901, 992, 994, 1022, 1033, 1116, 1144, 1147, 1183, 1244, 1255, 1389, 1394, 1397, 1408, 1434, 1455, 1478, 1483, 1505, 1555, 1624, 1656, 1714, 1740, 1758, 1826, 1851, 1898, 1901, 1922, 1924, 1959, 1963, 1966, 2028, 2056, 2076, 2081, 2108, 2122, 2146, 2154, 2165, 2217, 2228, 2230-2231, 2272-2274, 2314, 2318, 2323, 2454, 2470, 2495, 2504, 2517, 2534, 2564, 2591, 2639, 2645, 2668, 2680, 2690-2691, 2719, 2729, 2738, 2745, 2774, 2790, 2812, 2837, 2928, 2950, 2962, 3007, 3048, 3058, 3060-3061, 3112, 3166, 3169, 3190, 3222, 3252, 3254, 3257, 3270, 3298, 3327, 3336, 3367, 3405, 3428, 3438, 3451, 3459, 3470, 3472, 3483, 3489-3490, 3513, 3524, 3553, 3556, 3586, 3592, 3609, 3703, 3736, 3756-3757, 3765, 3775, 3919, 3929, 3965, 4020, 4026-4027, 4066, 4100,

4119, 4153, 4172, 4178-4179, 4183, 4201, 4214, 4219, 4221, 4233, 4235, 4238, 4239, 4339, 4341, 4349, 4366, 4413, 4432-4433, 4436, 4453, 4466, 4470, 4514, 4540, 4548, 4573, 4607, 4635, 4641, 4644, 4724, 4729, 4734, 4739-4741, 4750, 4760, 4847, 4871, 4903, 4909, 4963, 4965, 4965, 4999-5001, 5003
 CARBON TETRACHLORIDE: 3672
 CARBONATES: 352, 2628, 2955, 4344
 CARBONIC ANHYDRASE: 1459, 2371, 3238, 3316, 4175
 CARBOXY-LYASES: 114, 525, 1311, 1598, 2062, 2797, 2812, 3220, 3226, 4363, 4523
 CARBOXYLIC ACIDS: 528, 711, 1247, 4445, 4697
 CARBOXYPEPTIDASES: 633, 1670
 CARBOMAL: 1090
 CARCINOEMBRYONIC ANTIGEN: 2292, 3183, 3466, 3852
 CARCINOGENS: 466, 626, 1181, 1739, 2052, 2740, 2991, 3672
 CARCINOID TUMOR: 841, 1100, 1842, 3852, 4232
 CARCINOMA: 112, 134, 216, 228, 288, 385, 643, 841, 850, 1038, 1069, 1171, 1266, 1295, 1306, 148, 1589, 1616, 1912, 1944, 2063, 2093, 2100, 2209-2210, 2275, 2292, 2303, 2330, 2374, 2428, 2554, 2565, 2735-2736, 3090, 3189, 3207, 3298, 3319, 3478-3479, 3772, 3891, 3975, 4356, 4426, 4479, 4723, 4798, 4962, 5016, 5021
 CARCINOMA, BASAL CELL: 841, 2399
 CARCINOMA, BRONCHIOLEAR: 277, 783, 989, 2765, 3539, 4414
 CARCINOMA, BRONCHOGENIC: 328, 638, 643, 783, 999, 1171, 1495, 2376, 3852
 CARCINOMA, DUCTAL: 2531, 3060, 3898
 CARCINOMA, EHRLICH TUMOR: 401, 2251, 3157, 4341, 4415
 CARCINOMA, EPIDERMAL: 638, 643, 783, 788, 966, 989, 1171, 2315, 2376, 2399, 2565, 2765, 3444, 3727, 4414, 4508, 4723, 4830, 4931
 CARCINOMA IN SITU: 283, 2315, 3281
 CARCINOMA, KREBS 2: 434
 CARCINOMA, MUCINOUS: 1842
 CARCINOMA, OAT CELL: 36, 277, 638, 643, 690, 783, 989, 999, 1171, 1495, 1556, 2223, 2376, 2765, 3743-3744, 4414, 4556, 4797
 CARCINOMA, PAPILLARY: 2052, 2735-2736, 4259, 4416
 CARCINOMA, SCIRRHUS: 1493
 CARCINOMA, TRANSITIONAL CELL: 216
 CARCINOMA 256, WALKER: 697, 800, 1870, 3146
 CARCINOSARCOMA: 1856, 4256
 CARDANOLIDES: 1789
 CARDIAC GLYCOSIDES: 1177, 1789
 CARDIAC OUTPUT: 10, 986, 1182, 1526, 1864, 2407, 2594, 2666, 3074, 3325, 3491, 3674, 3882, 4044, 4096, 4210, 4213, 4549
 CARDIAC VOLUME: 9-10, 3687, 4533
 CARDIOVASCULAR DISEASES: 331, 858, 1767, 2497, 2801, 3420, 4877
 CARDIOVASCULAR SYSTEM: 165, 751, 1715, 1804, 3074, 3330, 3562, 4164
 CARMUSTINE: 1718, 3090, 3962
 CARNITINE: 2835
 CARNIVORA: 328, 3180, 4927
 CAROTENE: 2028, 4067, 4257
 CAROTENIDS: 1422, 4067
 CAROTID ARTERIES: 975, 1311, 1724, 1779, 1839, 1960, 2250, 2565, 3325, 3463, 3538, 4231, 4330, 4807
 CAROTID ARTERY DISEASES: 785
 CAROTID ARTERY, EXTERNAL: 99, 1096, 4304, 4807
 CAROTID ARTERY, INTERNAL: 481, 1096, 4304, 4807
 CAROTID BODY: 3297
 CAROTID BODY TUMOR: 4971
 CAROTID SINUS: 523, 2469
 CARPAL BONES: 2395
 CARRAGEENAN: 449, 976, 1053, 1592, 1925, 2507, 3542, 4761
 CARRIER PROTEINS: 95, 1196, 1756, 2557, 3634, 4604, 4848-4849, 4920-4921
 CARTILAGE: 444, 500-501, 539, 726, 1015, 1730, 2017, 2106, 2498, 2979, 3056, 3779, 4111, 4527
 CARTILAGE, ARTICULAR: 881, 1045, 2229, 2561, 4177, 4367, 4565, 4617
 CARTILAGE DISEASES: 760, 1759
 CASE REPORT: 41, 53, 140, 143, 201, 330, 332, 354, 409, 530, 543, 630, 850, 770, 794, 1035, 1044, 1058, 1115, 1205, 1237, 1256, 1294, 1362, 1436,

SUBJECT INDEX

- 1561, 1649, 1661, 1665, 1681, 1774, 1790, 1812, 1946, 1949, 1952, 1987, 2097, 2223, 2233, 2345, 2409, 2575, 2764, 2995, 2998, 3109, 3232, 3234-3235, 3341, 3391, 3442, 3540, 3559, 3605, 3612, 3635, 3739, 3742, 3764, 3834, 3851, 3857, 3932, 3936, 3955, 3984, 4024, 4057, 4077, 4195, 4225, 4313, 4386, 4395, 4457, 4478, 4532, 4551, 4742-4743, 4768
- CASEIN: 354, 388, 720, 1048, 1455, 1670, 2116, 2543, 2901, 3268, 3707, 3758, 3874, 4434, 4574, 4962, 4989
- CASTOR OIL: 3491
- CASTRATION: 44, 63, 113, 203, 217, 231, 259, 290, 319, 465, 546, 574, 582, 655, 687, 716, 730, 737, 753, 757, 796, 813, 837, 846, 871-872, 896, 905, 970, 998, 1013, 1062, 1083, 1108, 1132, 1189, 1210, 1226-1227, 1242, 1278, 1283, 1328, 1328, 1333-1334, 1459, 1531, 1535, 1602, 1652, 1693-1694, 1698, 1783, 1796, 1861, 1871, 1883, 1896, 1954, 1965, 2036, 2096, 2142, 2151, 2276-2277, 2398, 2428, 2438, 2466, 2475, 2490, 2589, 2608, 2642, 2739, 2751, 2791, 2838, 2883, 2911, 2950, 2956, 3002, 3006, 3040, 3073, 3078, 3123, 3137, 3143, 3153, 3158-3159, 3165, 3168, 3305, 3333, 3246, 3250, 3255, 3260, 3301, 3354, 3361, 3400-3401, 3423-3424, 3426, 3475-3476, 3504-3505, 3519, 3531, 3569, 3607, 3622, 3669, 3749, 3771, 3785, 3789, 3807, 3823, 3825, 3864, 3885, 3891, 4109, 4129, 4132, 4153, 4204, 4261-4262, 4269, 4325, 4335, 4346, 4370, 4384, 4398-4399, 4406, 4427, 4447, 4673, 4695, 4699-4700, 4708, 4733, 4741, 4788, 4830-4831, 4876, 4922, 4947
- CASTS, SURGICAL: 3917
- CAT DISEASES: 1278
- CATALASE: 4324, 4521
- CATALEPSY: 860
- CATALYSIS: 1046, 1265, 2511, 4146, 4757, 4901
- CATARACT: 1480, 1786
- CATATONIA: 2705
- CATATOXIC STEROIDS: 2099, 4101
- CATECHOL: 528, 2527, 4303
- CATECHOL METHYLTRANSFERASE: 378, 380, 1598, 2534, 2617, 4363
- CATECHOLAMINES: 19, 32, 46, 109, 165, 176, 191, 465, 476, 552, 572, 653, 732, 782, 824, 879, 908, 921, 976, 986, 1009, 1018, 1102, 1124, 1150, 1240, 1274, 1364, 1461, 1474, 1504, 1526, 1530, 1556, 1574, 1587, 1596, 1715, 1747, 1804, 1903, 2020, 2059, 2071, 2140, 2190, 2289, 2291, 2447, 2605, 2639, 2714, 2717-2718, 2778, 2797, 2867, 2945, 2983, 3000, 3086, 3231, 3253, 3299, 3377, 3436, 3533, 3564, 3599, 3618, 3659, 3663, 3756-3757, 3809, 3871, 3942, 4160, 4208, 4354, 4408, 4418, 4436, 4627, 4630, 4657, 4794, 5021, 5043
- CATHARTICS: 727, 3354
- CATHEPSIN: 130, 2108, 3948, 4321, 4324, 4625, 4755, 4860
- CATHETERIZATION: 99, 332, 452, 512, 570, 604, 641, 977, 1282, 1327, 1635, 1780, 2132, 2314, 2509, 3164, 3703, 4239, 4290, 4466, 4599, 4887, 4990, 5005
- CATIONS, DIVALENT: 388, 518, 548, 1194, 1291, 1533, 2008, 2028, 2287, 2320, 2540, 2728, 3054, 3863, 4251, 4338, 4390, 4603
- CATIONS, MONOVALENT: 2008, 2320, 2515, 4603
- CATS: 80, 212, 377, 402, 977, 998, 1150, 1278, 1296, 1311, 1449, 1529, 2005, 2235, 2392, 2400, 2425, 2469, 2549, 2646, 2688, 2799, 3300, 3485, 3573, 4001, 4142, 4159, 4294, 4688, 4733, 4934
- CATTLE: 124, 146, 169, 255, 334, 358, 372, 401, 501, 527, 540, 547-548, 686, 726, 756, 832, 834, 996, 1012, 1033, 1181-1182, 1296, 1513, 1538, 1548, 1603, 1658, 1878, 1892, 1711, 1758, 1867-1869, 1913, 1915, 1957, 1962, 1981, 2005, 2011, 2075, 2108, 2144, 2165, 2167, 2228, 2282, 2284, 2287, 2316, 2342, 2454, 2506, 2528, 2532, 2544, 2629, 2750-2751, 2818, 2857, 2859, 2890, 2898, 2949, 2996, 3016, 3079-3080, 3199, 3248, 3292, 3331, 3432, 3443, 3449, 3654, 3659, 3676, 3709, 3747, 3821, 3905, 3926, 3986, 4004, 4014, 4018, 4040, 4052, 4089, 4109, 4120, 4146, 4148, 4233, 4334, 4526-4527, 4576, 4624, 4734, 4760, 4881, 4914, 4989, 5001, 5003
- CATTLE DISEASES: 403, 1711, 1950, 2356, 2432, 2505, 2751, 2875, 3654, 3705, 4719
- CAUCASIAN RACE: 1253, 1755, 2631
- CAUDATE NUCLEUS: 797, 844, 865, 977, 1124, 1265, 1504, 1749, 2239, 3528, 3585, 4294, 4925
- CAVERNOUS SINUS: 785
- CECAL NEOPLASMS: 800
- CECUM: 2031, 4381
- CELIAC ARTERY: 42, 1018, 2367, 2753, 3488, 4840
- CELIAC DISEASE: 268, 2768, 2828
- CELIAC PLEXUS: 1273
- CELL ADHESION: 160, 1316, 2135, 3267, 3702, 3758, 4284, 4340
- CELL AGGREGATION: 1502, 2823
- CELL COUNT: 146, 159, 431, 455, 457, 848, 1144, 1221, 1624, 1991, 2437, 2531, 2546, 2693, 2759, 2788, 3906, 3947, 4004, 4046, 4378, 4508, 4705, 4710, 4820, 4931, 5010, 5049
- CELL DIFFERENTIATION: 57, 126, 273, 275, 395, 694, 752, 884, 994, 1065, 1083, 1787, 1940, 2716, 2823, 3008, 3117, 3162, 3171, 3267, 3363, 3381, 3399, 3425, 3509, 3623, 3632, 3737-3738, 3865, 4110, 4120, 4405, 4511, 4586, 4962, 5012, 5040
- CELL DIVISION: 63, 256, 260, 274, 469, 544, 562, 566, 703, 884, 890, 892, 916, 988, 1318, 1397, 1419, 1534, 1603, 1624, 1730, 1852, 1962, 2028, 2077, 2083, 2217, 2249, 2310, 2433, 2531, 2546, 2692, 2697, 2716, 2733, 2824, 3117, 3267, 3313, 3381, 3425, 3592, 3634, 3786, 3872, 3893, 4054, 4106, 4355, 4388, 4437, 4439, 4493, 4508, 4527, 4589, 4659, 4739, 4669, 4931, 5044, 5049
- CELL FRACTIONATION: 18, 116, 294, 373, 434, 476, 490, 535, 708, 1027, 1423, 1441, 1988, 2195, 2591, 2934, 3054, 3165, 3368, 3411, 3428, 3843, 3979, 4152, 4521, 4586, 4906
- CELL-FREE SYSTEM: 135, 172, 371, 434, 1920, 2135, 2273, 2564, 2591, 2844, 3472, 3621, 4027, 4215, 4432, 4724, 4734
- CELL FUSION: 693, 1419, 1891-1892, 3335, 4297, 4767
- CELL LINE: 245, 260, 274, 328, 469, 540, 562, 601, 609, 778, 890, 892-893, 1085, 1157, 1188, 1266, 1318, 1419, 1534, 1603, 1624, 1851-1852, 1891-1892, 1963, 2083, 2164, 2206, 2371, 2546, 2692-2693, 2697, 2742, 3307, 3267, 3272, 3289, 3313, 3335, 3351, 3411, 3438, 3554, 3765, 3979, 4054, 4174, 4297, 4355, 4385, 4378-4379, 4508, 4588, 4652, 4659, 4710, 4894, 4941, 5044
- CELL MEMBRANE: 12, 39, 116, 177, 194, 201, 240, 272, 401, 423, 428, 466, 517, 526, 539, 679, 686, 703, 708, 798, 806, 851, 917, 928, 1025, 1093, 1155, 1174, 1234, 1261, 1382, 1424, 1590, 1599, 1607, 1656, 1712, 1726, 1730, 1816, 1829, 1877, 1968, 2000, 2119, 2137, 2164, 2169, 2316, 2320, 2361, 2447, 2519, 2527, 2557, 2763, 2811, 2834, 2937, 2973, 2983, 2993, 3142, 3161, 3246, 3333, 3335, 3481, 3483, 3553, 3578-3579, 3620, 3663, 3672, 3702, 3708-3709, 3765, 3836, 3907, 3921, 3968, 4039, 4045, 4054, 4083, 4124, 4230, 4306, 4338, 4364, 4434, 4438, 4475, 4491, 4506, 4535, 4582, 4586, 4686, 4701, 4744, 4755, 4813, 4864, 4894, 4903, 5024, 5044
- CELL MEMBRANE PERMEABILITY: 136, 158, 411, 432, 668, 799, 839, 1274, 1303, 1392, 1719, 1978, 2244, 2407, 2422, 2841, 2868, 3145, 3248, 3360, 3481, 3629, 3715, 3921, 4039, 4306, 4666
- CELL MIGRATION INHIBITION: 507, 852, 1010, 1053, 3032
- CELL MOVEMENT: 185, 194, 275, 682, 978, 1053, 1698, 2000, 2135, 2546, 2823, 3509, 4110, 4869, 5010
- CELL NUCLEOLUS: 207, 916, 1107, 1616, 2148, 2373, 2923, 3089, 4197, 4250, 4334, 4930
- CELL NUCLEUS: 12, 77, 97, 123, 201, 207, 314, 349, 478, 508, 562, 566, 574, 669, 742, 750, 915, 924, 984, 998, 1050, 1137, 1182, 1188, 1196, 1234, 1239, 1295, 1413-1414, 1423-1424, 1445, 1485, 1521, 1578, 1616, 1627, 1676, 1682, 1756, 1766, 1771, 1775, 1816, 1830, 1851, 1860, 1867-1869, 1891-1892, 1900, 1963, 2230, 2248, 2300, 2311, 2419, 2444, 2482, 2593, 2697, 2787, 2798, 2922, 2933-2934, 3054, 3120, 3165, 3171, 3281, 3286, 3314, 3338-3337, 3334, 3368, 3411, 3428, 3446, 3529, 3630, 3684, 3701, 3895, 3964, 3979, 3988, 4045, 4048, 4090, 4105, 4112, 4130, 4137, 4152, 4174, 4197, 4259, 4269-4270, 4334, 4414, 4513, 4558, 4571, 4601, 4611, 4606, 4609, 4930-4931, 4973
- CELL SEPARATION: 1924, 1765, 1998, 2004, 2020, 2716
- CELL SURVIVAL: 187, 260, 505, 808, 1339, 1491, 1852, 2531, 3985, 4233, 4284, 4340, 4365, 4378, 4504, 4642, 4931
- CELL TRANSFORMATION, NEOPLASTIC: 469, 508, 892, 1065, 1266, 1334, 1819, 2028, 3076, 3209, 3411, 3554, 4565, 4710, 4931, 4941, 4962, 5044
- CELL WALL: 3251
- CELLS: 735, 1093, 1489, 2819, 2836, 2943, 2984, 4340, 4355, 4633
- CELLS, CULTURED: 260, 274, 387, 395, 443, 540, 549, 693, 700, 735, 739, 764, 884, 890, 911, 916, 967, 967, 1024, 1086, 1092, 1144, 1279, 1316, 1374, 1534, 1590, 1603, 1624, 1738, 1819, 1851-1852, 1939, 1963, 2071, 2077, 2135, 2184, 2295, 2316, 2528, 2559-2560, 2716, 2742, 2977, 3056, 3060, 3117, 3129, 3289, 3314, 3335, 3351, 3399, 3425, 3529, 3548, 3574, 3592, 3649, 3743, 3803, 3816, 3878, 3916, 3993-3994, 4045-4046, 4233, 4284, 4340, 4355, 4378, 4558, 4652, 4659, 4680, 4893, 4941
- CELLULAR INCLUSIONS: 123, 126, 201, 502, 508, 566, 650, 764, 819, 924, 998, 1683, 1842, 1897, 3251, 3393, 3701, 4045, 4259, 4922
- CELLULITIS: 3342, 3880
- CELLULOSE: 2, 394, 1053, 3144, 3307, 3601, 4111
- CENTRAL NERVOUS SYSTEM: 685, 914, 1412, 1433, 1463, 1804, 2469, 3256, 3358, 3509, 4605, 4771
- CENTRAL NERVOUS SYSTEM DISEASES: 417, 568, 962, 1122, 2128, 3847, 4769, 4793
- CENTRAL VENOUS PRESSURE: 1294, 3325, 3700
- CENTRIFUGATION: 466, 623, 1325, 1582, 2259, 2512, 3051, 3222, 4449
- CENTRIFUGATION, DENSITY GRADIENT: 12, 18, 96, 108, 134, 171, 294, 333, 493, 525, 686, 730, 789, 915, 984, 1027, 1114, 1188, 1196, 1329, 1369, 1432, 1448, 1624, 1756, 1796, 1817, 1851, 1867, 1908, 1968, 1998, 2154, 2165, 2273, 2437, 2645, 2745, 2880, 2933-2934, 2941, 3104, 3252, 3326, 3368, 3438, 3453, 3579, 3732, 3748, 3867, 3950, 4167, 4230, 4246, 4251, 4255, 4287, 4379, 4438, 4550, 4575, 4624, 4641-4642, 4644, 4680, 4735, 4755, 4857, 5009
- CENTRIFUGATION, ZONAL: 1188, 1868-1869, 2249, 4379, 4521
- CEPHALEXIN: 1793, 2963, 4187
- CEPHALINS: 192, 677, 798, 1422, 1868, 1988, 2532, 2646, 2964, 4618, 4760
- CEPHALOMETRY: 391, 578, 1078, 1151, 1224
- CEPHALORIDINE: 1949, 2963
- CEPHALOSPORINS: 3650
- CEPHALOTHIN: 2587, 3857
- CERAMIDES: 2229, 3550
- CEREBELLAR ATAXIA: 1027, 1688
- CEREBELLAR CORTEX: 2128, 2567
- CEREBELLAR NEOPLASMS: 1589, 2715
- CEREBELLAR NUCLEI: 1504, 1779
- CEREBELLUM: 137, 410, 793, 801, 1248, 1264, 1273, 1409, 1504, 1589, 2349, 2925, 2997, 3044, 3431, 3448, 3490, 3565, 3929, 4123, 4724, 4742, 4740, 4866, 4925
- CEREBRAL ANGIOGRAPHY: 64, 321, 481, 898, 975, 1058, 1096, 1284, 1425, 2080, 2689, 3253, 3430, 3538, 4066, 4330, 4982
- CEREBRAL ANOXIA: 96
- CEREBRAL ARTERIES: 651, 1409, 1425, 1874, 3253, 4330
- CEREBRAL ARTERIOVENOUS MALFORMATIONS: 975
- CEREBRAL CORTEX: 6, 15, 18, 96, 275, 380, 425, 492, 522, 574, 578, 655, 793, 1076, 1124, 1158, 1240, 1268, 1421, 1504, 1535-1537, 1545, 1689, 1801, 1804, 2067, 2169, 2195, 2239, 2349, 2357, 2504, 2672-2674, 2649, 2912, 2925, 2940, 2997, 3044, 3075, 3205, 3410, 3431, 3440-3441, 3490, 3528, 3589, 3682, 3927, 3929, 4056, 4103, 4214, 4255, 4331, 4432, 4621, 4695, 4709, 4724, 4732-4733, 4866
- CEREBRAL EMBOLISM AND THROMBOSIS: 3099, 4395
- CEREBRAL HEMORRHAGE: 331, 975, 1096, 3847, 4189
- CEREBRAL ISCHEMIA, TRANSIENT: 552, 2425, 3128, 3253, 4982
- CEREBRAL PALSY: 780, 3497
- CEREBRAL SCLEROSIS, DIFFUSE: 4313, 4466
- CEREBRAL VENTRICLE NEOPLASMS: 362, 571, 2715
- CEREBRAL VENTRICLES: 86, 304, 319, 564, 631, 899, 977, 1180, 1198, 1311, 1326, 1328, 1456, 1501, 1504, 1574, 2334, 2349, 2351, 2720, 2731, 3164, 3250, 3571, 3927, 4085, 4203, 4309, 4593, 4614
- CEREBROSPINAL FLUID: 86, 552, 1378, 1501, 1677, 3031, 3164, 3862
- CEREBROSPINAL FLUID PROTEINS: 662, 1166, 2734
- CEREBROSPINAL FLUID SHUNTS: 2252

SUBJECT INDEX

- CEREBROSPINAL RHINORRHEA: 630, 785
CEREBROVASCULAR CIRCULATION: 624, 651, 1168, 1409, 3074, 3300, 3528, 3847, 3862, 4304, 4626, 4807
CEREBROVASCULAR DISORDERS: 64, 775-776, 1605, 2128, 2689, 3288
CERIUM ISOTOPE: 99, 2570
CERULOPLASMIN: 36, 591, 3049, 3422, 3590
CERVICAL VERTEBRAE: 1253, 1553, 4389
CERVIX DISEASES: 283
CERVIX HYPERTROPHY: 188
CERVIX INCOMPETENCE: 2578
CERVIX MUCUS: 3227
CERVIX NEOPLASMS: 283, 302, 664, 2315, 3657, 3706, 4723, 4830, 4931
CERVIX UTERI: 283, 876, 1260, 1309, 2142, 2276, 2619, 3066, 3153, 3301, 3840, 4504
CESAREAN SECTION: 780, 1075, 1078, 1645, 1720, 3126, 3373, 4189
CETYLPYRIDINIUM: 4643
CEYLON: 2545
CHARCOAL: 883, 2302, 2514, 2949, 4109, 4909
CHEDIAK-HIGASHI SYNDROME: 4637
CHEEK: 160, 1770, 3244, 3733, 3741
CHELATING AGENTS: 268, 517, 539, 1922, 2195, 2600, 2811, 2930, 3202, 3225, 4318, 4391, 4724, 4932
CHEMISTRY: 49, 100, 130, 162, 315, 382, 389, 596, 658, 672, 1067, 1181, 1186, 1250, 1510, 1554, 1886, 1788, 1913, 1993, 2187, 2198, 2235, 2420, 2543-2544, 2810, 2817-2816, 2850, 2857, 2898, 2958-2959, 3095, 3213, 3517, 3573, 3650, 3645, 3906, 4064, 4199, 4326, 4463, 4625, 4634, 4757, 4848, 4964, 4986, 5015
CHEMISTRY, ANALYTICAL: 3826
CHEMISTRY, ORGANIC: 1382
CHEMISTRY, PHYSICAL: 416, 3289
CHEMORECEPTORS: 673, 1418, 1421, 1490, 4211
CHEMOTAXIS: 160, 2185, 3575, 3702
CHICK EMBRYO: 2, 126, 395, 856, 866, 1092, 1370, 1652, 1730, 1785, 2295, 3056, 3267, 3351, 3408, 3919, 3968, 4389, 4512, 4740, 4930
CHICKENPOX: 4312
CHICKENS: 8, 60, 146, 222, 315, 379, 441-442, 462, 516, 582, 615, 659, 802, 831, 866, 886, 980, 998, 1158, 1262, 1297, 1512-1513, 1517, 1809, 1782, 1788-1789, 1788, 1791, 1799, 1818, 1836, 1853, 1884, 2311, 2562, 2606, 2670, 2787, 2974, 3034, 3222, 3266, 3368, 3381, 3444, 3448, 3483, 3510, 3590, 3657, 3698, 3841, 3922, 4015, 4109, 4119, 4132, 4150, 4175, 4440, 4462, 4504, 4576, 4708, 4739-4740, 4786, 4846, 4930, 4968
CHILD: 21, 118, 140, 143, 159-190, 200, 322-323, 329, 361, 383, 391, 422, 431, 499, 546, 568-569, 627, 629, 680, 701, 743, 773, 848, 938, 1081, 1120, 1151, 1162, 1166, 1192-1193, 1204, 1208, 1241, 1308, 1310, 1346, 1353, 1373, 1387, 1401, 1438, 1568, 1573, 1636, 1647, 1663, 1824, 1889, 1921, 1933, 1970, 1995, 2009, 2015, 2021, 2044, 2047, 2124, 2210, 2214, 2326, 2328, 2353, 2374, 2379, 2382, 2397, 2502, 2530, 2603, 2621, 2746, 2769, 2822, 2833, 2835, 2862, 2888, 2900, 3012, 3035, 3065, 3071, 3206, 3218, 3247, 3284, 3309, 3347, 3357, 3370, 3410, 3445, 3484, 3487, 3603, 3615, 3633, 3652, 3746, 3758, 3788, 3795, 3801, 3850, 3912, 3915, 3935, 4055, 4086, 4141, 4144, 4163, 4218, 4224-4225, 4293, 4298, 4312, 4327, 4360, 4377, 4403, 4467, 4522, 4542, 4546, 4563, 4602, 4621, 4674-4675, 4899, 4912, 4952, 4956, 4967, 4995, 5004, 5024, 5029, 5045, 5050-5051
CHILD BEHAVIOR: 1878
CHILD BEHAVIOR DISORDERS: 4327, 4545
CHILD CARE: 5051
CHILD DEVELOPMENT: 189, 1220, 1300, 2627, 5051
CHILD HEALTH SERVICES: 1292
CHILD, PRESCHOOL: 105, 189-190, 323, 361, 375, 431, 569, 633, 692, 719, 743, 848, 938, 1010, 1120, 1151, 1193, 1241, 1286, 1353, 1358, 1373, 1401, 1543, 1573, 1649, 1843, 1933, 1970, 1995, 2034, 2047, 2102, 2124, 2326, 2328, 2374, 2379, 2397, 2502, 2621, 2746, 2833, 2852, 2862, 2900, 2956, 2995, 3012, 3035, 3109, 3206, 3284, 3306, 3309, 3370, 3387, 3410, 3603, 3739, 3746, 3775, 3795, 4055, 4086, 4125, 4141, 4298, 4312, 4467, 4522, 4546, 4602, 4621, 4675, 4742, 4775, 4912, 4952, 4956, 5050
CHIMPANZEES: 4669, 4762
CHINA: 28, 1902, 3493
CHINCHILLAS: 3044
CHIROPTERA: 972, 2153, 4766
CHITIN: 2483
CHLAMYDIA: 3432
CHLAMYDIA INFECTIONS: 3432
CHLAMYDOMONAS: 1291
CHLORAMBUCIL: 1237, 1833, 1929, 2197, 2851-2852, 3147, 3312, 3727, 3898, 4030, 4135
CHLORAMINES: 166, 1271, 2598, 3326
CHLORAMPHENICOL: 865, 1090, 1142, 1479, 1945, 2694, 2963, 3252, 3613, 3780, 4057, 4576, 4623, 4712
CHLORATES: 1719, 2623
CHLORDIAZEPOXIDE: 176, 399, 1697, 2533, 2673, 4056
CHLORIDES: 50, 432, 721, 807, 1274, 1301, 1313, 1336, 1411, 1719, 1877, 2094, 2122-2123, 2333, 2515, 2836, 2955, 3019, 3025, 3507, 3739, 3776, 4002, 4299, 4391, 4436, 4476, 4520, 4752
CHLORINE: 459, 1338, 1611, 2404, 3641, 4241
CHLORMADINONE: 588, 753, 2436, 2521, 2750, 3301, 4497
CHLORMERODRIN: 64, 929, 2721, 4277
CHLOROBENZENES: 1118, 1120
CHLOROBUTANOL: 1392
CHLOROFORM: 2466, 2505
CHLOROMERCURIBENZOATES: 2173, 3225
CHLOROPHYLL: 1656
CHLOROPLASTS: 1656, 1877
CHLOROQUINE: 125, 1457, 1827, 2017, 2089, 2347, 3029, 4246, 4404
CHLOROTHAZIDE: 4308
CHLOROTRIANISINE: 3842
CHLORPHENIRAMINE: 3121
CHLORPROMAZINE: 119, 272, 370, 586, 796, 976, 1001, 1299, 1374, 1688, 1935, 2038, 2062, 2224, 2469, 2595, 2720, 3203, 3224, 3261-3262, 3440, 3921, 4226, 4361, 4423, 4472, 4539, 4765, 4774, 4903
CHLORPROPAMIDE: 3328, 3682, 4587
CHLORTETRACYCLINE: 672, 4712
CHLORTHALIDONE: 1055, 1136, 3439
CHOLANES: 162
CHOLANGIOGRAPHY: 5, 2688
CHOLANGIOMA: 835, 4464
CHOLANGITIS: 5, 1774
CHOLECALCIFEROL: 175, 315-316, 373, 430, 533, 803, 856, 954, 1003, 1431, 1609, 1707, 1722, 1788, 1810-1811, 2313, 2329, 2501, 3239-3240, 3319, 3480, 3576, 3698, 3717, 4182-4183, 4632
CHOLECYSTECTOMY: 930, 1131, 1890
CHOLECYSTITIS: 991, 1131
CHOLECYSTOKININ: 103, 292, 377, 1427, 2850, 3969, 4211, 4390
CHOLELITHIASIS: 930, 2090
CHOLERA: 1085-1088, 1274, 2185, 4894
CHOLESTANES: 2937
CHOLESTASIS: 681, 1774, 2088, 2436, 2521, 2524, 2626, 2702
CHOLESTENES: 2937, 3663
CHOLESTEROL: 5, 27, 33-34, 90, 252, 333, 423, 464, 525, 658, 744, 775, 839-840, 855, 996, 1313, 1342, 1714, 1724, 1812, 1854, 1868-1869, 1895, 1898, 1996-1997, 2096, 2108, 2291, 2336, 2380, 2411, 2532, 2654, 2774, 2837, 2857, 2937, 2946, 3114, 3122, 3239-3240, 3298, 3338, 3480, 3566, 3604, 3663, 3685, 3691, 3759, 3805, 3883, 3945, 4027, 4104, 4146, 4167, 4339, 4366, 4418, 4592, 4618, 4669, 4760, 4781, 4801, 4824, 4831, 4843, 4847, 4908, 5031
CHOLESTEROL, DIETARY: 1403, 1895, 3805, 3945, 4167, 4694
CHOLESTYRAMINE: 1997, 2654, 3084, 3686
CHOLIC ACID: 2405, 4339
CHOLINE: 6, 1364, 1781, 2215, 2693, 2797, 3201, 4363
CHOLINESTERASE: 36, 587, 703, 801, 1906, 2215, 2259-2260, 2484, 2830, 2848, 4171
CHOLINESTERASE INHIBITORS: 529, 1052, 3492
CHONDROCALCINOSIS: 502, 4329
CHONDRODYSPLASIA CALCIFICANS
CONGENITA: 1686
CHONDROITIN: 4111, 4127
CHONDROMA: 64
CHORDA TYMPANI NERVE: 1721, 4902
CHORDATA: 828
CHOREA: 2797, 2904, 4995
CHOREA, HEREDITARY: 2128, 3597-3598
CHORIOADENOMA: 3094
CHORIOCARCINOMA: 270, 841, 1275, 1729, 1833, 1865, 2245, 2319, 2379, 3094, 3273, 3727, 3936, 4169, 4661
CHORIORETINITIS: 4480
CHOROID: 2247, 3430, 4125
CHOROID PLEXUS: 393, 1232
CHROMAFFIN SYSTEM: 191, 1009, 1044, 1093, 1267, 1444, 1662, 1642, 2071, 2253, 2618, 3688, 3701, 3905, 4197, 4245, 4481, 4657, 4715
CHROMATES: 291, 758, 3588
CHROMATIDS: 1630, 4397, 4474
CHROMATIN: 88, 135, 241, 479, 669, 730, 968, 998, 1347, 1627, 1891-1892, 1900, 2311, 2933, 3313, 3328, 3381, 3444, 3495, 4197, 4221, 4601, 5009
CHROMATOGRAPHY: 33, 164, 231, 316, 467, 667, 683, 742, 778, 864, 994, 1046, 1071, 1185, 1325, 1538, 1722, 1851, 1881, 1904, 1919, 1958, 1988, 2078, 2084, 2173, 2207, 2226, 2380, 2528, 2553, 2691, 2730, 2884, 2907, 2937, 3051, 3368, 3599, 3694, 3703, 3798, 3842, 3968, 4140, 4183-4184, 4230, 4339, 4389, 4559, 4605, 4666, 4906, 4923, 4936
CHROMATOGRAPHY, AFFINITY: 549, 1380, 1901, 1915, 2002, 2041, 3905, 4301, 4479, 4609
CHROMATOGRAPHY, DEAE-CELLULOSE: 12, 22, 372, 548-549, 1046, 1124, 1254, 1399, 1508, 1958, 2003, 2028, 2076, 2173, 2255, 2352, 2663-2664, 2668, 2670, 2742, 2848, 2872, 3192, 3195, 3225, 3238, 3473, 3612, 3748, 3824, 4076, 4148, 4166-4167, 4622, 4681
CHROMATOGRAPHY, GAS: 19, 162, 291, 444, 445, 531, 667, 697, 789, 941, 1026, 1388, 1397, 1422, 1483, 1516, 1554, 1834, 1938, 1973-1974, 1988-1989, 1993-1994, 2002, 2012, 2114, 2284, 2322-2323, 2352, 2547-2548, 2570, 2615, 2664, 2769, 2937, 3040, 3062, 3098, 3119, 3200, 3270, 3287, 3332, 3599, 3860, 4268, 4326, 4415, 4433, 4746, 5008
CHROMATOGRAPHY, ION EXCHANGE: 164, 204, 291, 353, 366, 444, 477, 730, 893, 1100, 1353, 1389, 1399, 1405, 1434, 1459, 1512, 1516, 1520, 1670, 1672, 1764, 2146, 2154, 2284, 2552-2553, 2668, 2670, 2674, 2690, 2719, 2737, 2822, 2855, 3127, 3132, 3144, 3169, 3195, 3200, 3284, 3457, 3459, 3490, 3558, 3564-3565, 3579, 3648, 3748, 3904, 3924, 3941, 3968, 4076, 4140, 4369, 4453, 4513, 4575, 4582, 4724, 4881, 4908, 4914, 4925
CHROMATOGRAPHY, PAPER: 204, 394, 855, 883, 982, 996, 1337-1338, 1434, 1483, 1521, 1555, 1608, 1742, 1988, 2081, 2101, 2220, 2303, 2314, 2412, 2543, 2591, 2686, 3048, 3165, 3195, 3199-3200, 3245, 3257, 3268, 3408, 3498, 3564, 3588, 3651, 4111, 4127, 4185-4186, 4172, 4201, 4357, 4482, 4645, 4907, 4925, 4963
CHROMATOGRAPHY, THIN LAYER: 6, 11, 113, 164, 297, 305, 359, 414, 487, 531, 559, 607, 706, 778, 879, 941, 992, 996, 1007, 1063, 1099, 1627, 1233, 1244, 1255, 1291, 1333, 1363, 1388, 1397, 1399, 1405, 1422-1423, 1434, 1483, 1485, 1500, 1520, 1631, 1669-1670, 1740, 1834, 1868-1869, 1881, 1897, 1973, 1985, 1988, 2003, 2028, 2035, 2076, 2084, 2114, 2154, 2165, 2189, 2217, 2282, 2323, 2353, 2454, 2480, 2486, 2501, 2514, 2525, 2527, 2674, 2690, 2722, 2745, 2973, 3060, 3105, 3165, 3254, 3298, 3327, 3332, 3405, 3429, 3456, 3560, 3565, 3585, 3610, 3634, 3651, 3667, 3787, 3926, 4165-4167, 4172, 4232, 4246, 4326, 4366, 4415-4416, 4424, 4432, 4482, 4500-4501, 4559, 4591, 4760, 4819, 4871, 4925
CHROMATOPHORES: 821, 3594
CHROMIUM-COBALT ALLOYS: 2229
CHROMIUM RADIOISOTOPES: 99, 108, 361, 505-507, 623, 1339, 2570, 3794, 4289, 4376
CHROMOMYCINS: 4970
CHROMOSOME ABERRATIONS: 87, 351, 543, 69, 771, 1076, 1097, 1239, 1266, 1349, 1478, 1498, 1543, 1713, 1830, 1832, 1891-1892, 1970, 2130, 2299, 2406, 2421, 2435, 2499, 2522, 2574, 2616, 2632, 2856, 2882, 3117, 3277, 3282, 3376, 3464, 3511, 3697, 3963, 3985, 4000, 4145, 4188, 4379, 4392, 4397, 4440, 4725, 4745, 4762, 4766, 4874, 4916, 4983
CHROMOSOME ABNORMALITIES: 375, 471, 566, 1375, 1543, 1951, 2435, 3282, 4689, 4816
CHROMOSOME MAPPING: 179, 208, 211, 446, 60, 1113, 1183, 1222, 1413, 1498, 1646, 1860, 2616, 2788, 2832, 3320, 3386, 3511, 3614, 3637, 3793, 3983, 4168, 4782, 4849, 4663, 4689, 4725, 4816
CHROMOSOMES: 87-88, 351, 375, 457, 540, 739, 827, 911, 916, 968, 1077, 1107, 1146, 1347, 1402, 1448, 1682, 1891-1892, 2130, 2146, 2162, 2249, 2300, 2310, 2325, 2616, 2733, 2819, 3069, 3320,

SUBJECT INDEX

- 3378, 3386, 3511, 3638, 3803, 3893, 3895, 3983,
4000, 4037, 4174, 4282, 4297, 4379, 4440, 4474,
4537, 4550, 4663, 4725, 4762, 4766, 4927, 4930,
4941, 4972
- CHROMOSOMES, HUMAN, 1-3: 2300, 4725, 4972
- CHROMOSOMES, HUMAN, 4-5: 2402, 2882, 4972
- CHROMOSOMES, HUMAN, 6-12: 892, 2300, 2402,
2499, 2882, 3117, 3335, 4168, 4313, 4972
- CHROMOSOMES, HUMAN, 13-15: 880, 1095, 2421,
3282, 4222, 4972
- CHROMOSOMES, HUMAN, 16-18: 375, 1095, 1339,
1822, 2300, 2499, 2522, 2889, 4023, 4222, 4745,
4972
- CHROMOSOMES, HUMAN, 19-20: 771, 2300, 2402,
4972
- CHROMOSOMES, HUMAN, 21-22: 503, 771, 916,
1286, 2402, 2421, 2522, 3004, 3117, 3282, 3471,
4145, 4392, 4745, 4972
- CHRONIC DISEASE: 243, 460, 478, 664, 826, 881,
947, 1110, 1154, 1177, 1237, 1351, 1378, 1584,
1786, 2059, 2085, 2198, 2220, 2301, 2347, 2355,
2405, 2419, 2571, 2605, 2636, 2724, 2762, 2954,
3032, 3036, 3071, 3275-3276, 3296, 3394, 3523,
3555, 3603, 3630, 3835, 3871, 3873, 3844, 3989,
4224, 4328, 4446, 4608, 4707, 4727, 4783, 4861,
4981, 5007, 5017
- CHYLCIMICRONS: 2654, 4172
- CHYMOTRYPSIN: 194, 338, 826, 4463
- CICATRIZ: 1701, 1715, 3290, 3551, 3801, 4208
- CILIA: 508, 1180, 3186, 3393, 4108
- CILIARY BODY: 3284
- CINCHOPHEN: 3438
- CINERADIOGRAPHY: 1904, 2082
- CIRCADIAN RHYTHM: 152-153, 178, 259, 550, 557,
615, 661, 709, 728, 807, 899, 937, 942, 981, 1073,
1125-1126, 1145, 1184, 1320, 1429, 1480, 1541,
1693-1694, 1700, 1746, 1768-1769, 1773, 1977, 1990,
2036, 2038, 2131, 2168, 2174, 2196, 2357, 2377,
2449, 2455-2457, 2641, 2657, 2755, 3027-3028, 3102,
3146, 3199, 3257, 3414, 3446, 3763, 3785, 3873,
3883, 3986, 4015, 4290, 4581, 4665, 4683, 4730,
4784, 4804, 5029
- CIRCLE OF WILLIS: 4817
- CIRCULAR DICHROISM: 521, 527, 832-833, 1382,
1913, 3381, 4187, 4241, 4299
- CIRCUMCISION: 3727
- CISTERNA MAGNA: 279, 3164
- CITRATES: 989, 1685, 1764, 1839, 2210, 2721, 2872,
2969, 3022, 3083, 3737, 3897, 4071, 4239, 4620,
4883
- CLAMS: 267
- CLAVICLE: 2363, 4904
- CLEFT LIP: 1375, 2406, 3632, 3656
- CLEFT PALATE: 263, 391, 1375, 1843, 2406, 2920,
3111, 3632, 3656
- CLEIDOCRANIAL DYSDYSPLASIA: 4904
- CLEIDOMATERIC: 1130, 1923, 3617, 3900, 4315
- CLIMATE: 2545, 4560
- LINDAMYCIN: 4187
- CLINICAL RESEARCH: 114, 251, 352, 498, 634,
773, 800, 817, 922, 951, 978, 1104, 1300, 1356,
1415, 1519, 1544, 1655, 1755, 1921, 2492, 2603,
2686, 2813, 2926, 2942, 3091, 3163, 3198, 3227,
3595, 3643, 3658, 3750, 3801, 3844, 3910, 4104,
4250, 4296, 4350, 4356, 4538, 4539, 4803, 4805,
4868, 4897, 5039
- CLITORIS: 2883, 3108
- CLOACA: 28
- CLOFAZIMINE: 3704
- CLOFIBRATE: 917, 1469, 1812, 1997, 2654, 3683,
3886, 4869
- CLOMIPHENE: 51, 111, 731, 786, 978, 1101, 1486,
2091, 2107, 2346, 2490, 2756, 2969, 3227, 3835,
4458, 4525, 4588
- CLONE CELLS: 245, 548, 704, 884, 892-893, 1085,
1266-1267, 1607, 1824, 1850, 1900, 1912, 2206,
3046, 3117, 3287, 3480, 3493, 3511, 4054, 4094,
4189, 4365, 4566, 4721, 4893, 4941, 5040
- CLOSTRIDIN: 1209, 2771, 3563, 3687, 4593
- CLOSTRIDIOPEPTIDASE A: 746, 2228, 2680, 3921
- CLOSTRIDIUM PERFRINGENS: 401, 1508, 4453
- CLOT RETRACTION: 745, 962, 1559-1560, 1758,
2470
- CLOXACILLIN: 3016
- COAL MINING: 2376, 4544
- COBALT: 928, 1303, 3069, 4316, 4472
- COBALT RADIOISOTOPES: 383, 931, 1245, 1361,
1777, 2171, 2359, 3273, 4340
- COCAINE: 39, 1922, 2488, 4178, 4303
- COCCIDIOIDES: 3251
- COCCIDIOIDOMYCOSIS: 3251
- COCHLEA: 92, 1822, 2298, 2900
- COCHLEAR NERVE: 2900, 3445
- COCKROACHES: 1507, 3404
- CODEINE: 1571
- COLEENTERATA: 1490
- COENZYME A: 132, 855, 1964, 3190, 3710, 4468
- COGNITION DISORDERS: 867
- COITUS: 953, 2203, 2582, 2883, 2914, 3123, 3158,
3469, 3687, 4261, 4844
- COLCHICINE: 372, 466, 502, 540, 617, 635, 1077,
1829, 2017, 3033, 3302, 3313, 3396, 3666, 3736,
4021, 4135, 4577, 4708, 4710
- COLD: 159, 223, 582, 665, 746, 961, 1188, 1412,
1549, 1904, 2351, 2357, 2460, 2698, 2939, 3169,
3263, 3302, 3929, 4918
- COLD CLIMATE: 1248, 3170
- COLLECTOMY: 2831, 4381
- COLICINS: 3836
- COLIPHAGES: 101, 172, 3351, 3836, 4921
- COLISTIN: 2963
- COLITIS: 664, 2183, 3587
- COLITIS, ULCERATIVE: 5, 472, 1759, 2364, 3603
- COLLAGEN: 2, 173, 263, 333, 387, 746, 764, 803,
1378, 1465, 1559-1560, 1758, 1870, 1907, 1972,
1998, 2153, 2318, 2470, 2665, 2763, 2944, 2968,
3056, 3143, 3609, 3648, 3779, 3919, 3964, 4188,
4364, 4404, 4517, 4999
- COLLAGEN DISEASES: 1122, 1971, 2368, 3820,
4031, 4677
- COLLATERAL CIRCULATION: 3992
- COLLOIDS: 401, 3382, 4877
- COLON: 327, 1161, 1163, 1237, 1248, 1274, 1836,
1895, 2183, 2831, 3241, 3445, 3456, 3545, 3942,
4158, 4415, 4557, 4870, 4879
- COLONIC DISEASES: 664
- COLONIC NEOPLASMS: 326, 1480, 1842, 2292,
2464, 2554, 2831, 3003, 3776, 3816
- COLOR: 235, 1108
- COLOR BLINDNESS: 119, 1183, 2917
- COLOR PERCEPTION: 3096
- COLORIMETRY: 250, 761, 1510, 1606, 2160, 2283,
3069, 3588, 3921, 4472, 4727, 4923
- COLOSTRUM: 1670
- COLPOSCOPY: 186, 283, 3066
- COMA: 1640, 2576, 4646
- COMB AND WATTLERS: 1799
- COMMON COLD: 3539
- COMMUNICABLE DISEASES: 2459
- COMMUNICATION: 2676
- COMMUNITY HEALTH SERVICES: 2632, 2833
- COMPARATIVE STUDY: 4, 10, 14-15, 18, 27, 39,
48, 61-62, 76-77, 116, 132, 139, 148, 152, 164,
169-170, 188, 204, 212, 221, 226, 231, 237, 239,
276, 284, 297, 303, 324, 334, 337, 366, 373, 391,
419, 427, 429, 439, 443, 447, 449, 456, 459, 462,
461, 487, 501, 509, 527-528, 532, 540, 544, 546,
574, 591, 601, 604-605, 616, 631, 637, 641, 646,
656-657, 665, 667, 673, 683, 693, 729-730, 734,
750-751, 753, 767, 784, 789, 792, 797, 805, 818,
826, 828, 837, 848, 851, 854, 857, 865, 872, 898,
900, 935, 943, 950, 960, 974, 983, 998, 1013, 1016,
1022, 1028, 1034, 1046, 1051, 1064-1065, 1081,
1085-1086, 1088, 1091-1092, 1098, 1102, 1116,
1123-1124, 1128, 1130, 1133-1135, 1156, 1165, 1170,
1183, 1212, 1223, 1228, 1244, 1248, 1254, 1259,
1271, 1277, 1281, 1283, 1290, 1297, 1299, 1303,
1305, 1307, 1324, 1333, 1336-1337, 1354, 1361,
1367, 1370, 1373, 1376, 1380, 1382, 1385, 1389,
1394, 1397-1399, 1422, 1431, 1437, 1443, 1452-1453,
1485, 1490, 1508-1509, 1530-1531, 1544, 1549, 1565,
1578, 1581, 1584, 1595-1596, 1600, 1602, 1605,
1609, 1612, 1626, 1648, 1654, 1660, 1669, 1672,
1687, 1697, 1715, 1725-1727, 1740, 1745-1746, 1765,
1772, 1780-1781, 1785, 1798, 1817, 1825, 1828,
1835, 1837-1838, 1851, 1855, 1859, 1868, 1876,
1879, 1884, 1904-1905, 1910-1911, 1917, 1936-1937,
1943, 1955, 1965, 1985, 2002-2003, 2012, 2036,
2055, 2089, 2072, 2078, 2084, 2099, 2122-2123,
2129, 2131, 2137-2138, 2142-2143, 2146, 2151, 2153,
2179, 2182, 2192, 2195, 2199-2200, 2204, 2206,
2208, 2213, 2218, 2225, 2228, 2230, 2232, 2256,
2262, 2267, 2273, 2277, 2282, 2286, 2295, 2307,
2309, 2314, 2323, 2327, 2340, 2366, 2398, 2405,
2425, 2431, 2442, 2454, 2460, 2469, 2484, 2506,
2511, 2514, 2525, 2547-2548, 2571-2572, 2587, 2589,
2591, 2600, 2606, 2610, 2617-2619, 2674, 2677,
2679-2680, 2737, 2783, 2787, 2796, 2799, 2808,
2811, 2813, 2816, 2820, 2826, 2830, 2834-2835,
2859, 2865, 2883, 2899, 2915, 2921-2924, 2937,
2955, 2964, 2975, 2993, 2996-2997, 3005, 3011,
3014, 3034, 3039
3042, 3057, 3061, 3066, 3075, 3077, 3105,
3111-3112, 3128, 3132, 3149-3150, 3160, 3163,
3169-3170, 3195, 3214, 3225, 3257, 3260, 3262,
3264, 3274, 3279, 3285, 3287, 3307, 3323, 3329,
3356, 3367, 3379, 3400, 3403, 3416, 3422, 3431,
3449, 3453, 3457, 3468, 3482-3483, 3489-3490, 3495,
3506, 3512, 3519, 3527-3528, 3556, 3566, 3579,
3582, 3589-3590, 3600, 3621, 3627, 3644, 3644,
3680-3681, 3740-3741, 3749-3750, 3759, 3763, 3765,
3798, 3820-3821, 3832, 3841, 3856, 3863, 3893,
3916, 3919, 3924, 3926, 3929-3930, 3933, 3938,
3947, 3950, 3956, 3968, 3973, 3977, 3999, 4004,
4009-4010, 4018, 4021-4022, 4032, 4043, 4053, 4058,
4065, 4071, 4081, 4091, 4094, 4119, 4127, 4129,
4134, 4136, 4148, 4167, 4175, 4189, 4198-4199,
4201, 4209, 4222, 4244, 4252, 4255, 4267, 4269,
4271, 4289-4290, 4294, 4296, 4298, 4301, 4312,
4324, 4349-4350, 4356-4357, 4365-4366, 4369, 4375,
4383, 4398, 4418, 4430, 4432, 4438, 4440,
4451-4452, 4466, 4473, 4498, 4514, 4518, 4524,
4526, 4529, 4539, 4576, 4607, 4611, 4621, 4623,
4627, 4632, 4643, 4645, 4647, 4658, 4668,
4669-4671, 4684, 4687, 4699, 4703, 4705, 4710,
4714, 4729, 4735, 4739-4740, 4752, 4755, 4761-4762,
4765, 4774, 4782, 4788, 4790, 4801-4803, 4809-4813,
4815, 4827, 4838, 4852, 4854, 4856, 4881, 4887,
4904, 4913-4914, 4925, 4950, 4963, 4972, 4978,
4980, 5009, 5015, 5032, 5036
- COMPETITIVE BEHAVIOR: 2945, 3108
- COMPLEMENT: 449, 787, 1470, 1592, 1914, 2106,
2316, 2706, 2852, 2998, 3466, 4585, 4618
- COMPLEMENT FIXATION TESTS: 33-34, 1010,
2663, 3251, 3381, 3432, 3916
- COMPOUND 48-80: 1053, 3897
- COMPREHENSIVE HEALTH CARE: 518
- COMPUTERS: 491, 2614, 3755
- COMPUTERS, DIGITAL: 162, 177, 342, 505, 610,
937, 1183, 1230, 1412, 2066, 2122, 4142, 4756,
4885, 4920-4921, 4926
- CONCANAVALIN A: 1024, 1316, 3757, 3905, 4036,
4365
- CONDITIONING, CLASSICAL: 255, 830, 1804,
2307, 2309, 2469
- CONDITIONING, OPERANT: 657, 1269, 1359, 1792,
2036, 2138, 2649, 2940, 3096, 3452, 3953, 4010,
4159, 4198, 4518, 4779
- CONDITIONING (PSYCHOLOGY): 1638, 2869, 3740
- CONGRESSES: 3690
- CONJUNCTIVA: 866, 3324
- CONJUNCTIVITIS: 777, 1827, 3857
- CONNECTICUT: 1731
- CONNECTIVE TISSUE: 263, 659, 2368, 2467, 3387,
3626, 3648, 4164, 4785
- CONNECTIVE TISSUE CELLS: 3628, 4117, 4137,
4549
- CONSAQUINITY: 1224, 1375
- CONSCIOUSNESS: 1348, 3616
- CONSTIPATION: 2183, 3859
- CONSTRUCTION: 678, 1579, 1745, 1770, 1820, 2469,
2754, 4304
- CONSTRUCTION MATERIALS: 1262
- CONSUMER SATISFACTION: 1051
- CONSUMMATION BEHAVIOR: 2727
- CONTACT INHIBITION: 892
- CONTRACEPTION: 26, 86, 186, 1824, 2453, 3095,
3318, 4013, 4360, 4911
- CONTRACEPTIVE AGENTS: 261, 568, 1088, 2453,
3496, 3892, 4265, 4288, 4471
- CONTRACEPTIVE DEVICES: 26, 518, 1292, 1968,
2453, 4288, 4296, 4911
- CONTRACEPTIVES, ORAL: 26, 67, 155, 174, 186,
221, 249, 283, 320, 331, 438, 518, 538-539, 593,
681, 808, 899, 930, 955, 957, 1001, 1051, 1079,
1088, 1104, 1117, 1178, 1249, 1285, 1292, 1302,
1342, 1354-1355, 1372, 1455, 1471, 1525, 1546,
1549-1550, 1581, 1679, 1723, 1734, 1774, 1805,
1824, 1876, 1953, 1966, 2048, 2105, 2110, 2112,
2246, 2285, 2344, 2453, 2482, 2521, 2538, 2625,
2640, 2677, 2688, 2897, 2906-2907, 2978, 3066-3067,
3099, 3173, 3178, 3295, 3322, 3331, 3345, 3413,
3544, 3673, 3679, 3686, 3751, 3814, 3865, 4066,
4104, 4135, 4192, 4288, 4296, 4319, 4352, 4428,
4457, 4567, 4638, 4651, 4693, 4777, 4833-4834,
4911, 4915, 4923, 5019, 5022, 5028, 5041, 5055
- CONTRACEPTIVES, POSTCOITAL: 26, 1052, 1088,
1731, 2193, 2589, 3063
- CONTRACTURE: 1193, 4485

SUBJECT INDEX

CONTRAST MEDIA: 413, 570, 1361, 2464, 2688, 2984, 3552, 3888, 4990, 4999
 CONVULSIONS: 61, 132, 235, 370, 522, 1289, 1605, 1684, 2169, 2212, 2297, 2734, 2797, 2849, 2882, 3577, 3581, 3859, 4203, 4430, 4732, 4793
 COOMBS' TEST: 1514, 3940, 4823
 COOPERATIVE BEHAVIOR: 491, 3532
 COPPER: 1768, 1772, 2955, 3069, 3422, 3474, 3482, 3590, 4496, 4574, 4621, 4726
 COPROPHAGIA: 3755
 CORN: 720, 910, 1962, 2114
 CORNEA: 65, 154, 866, 1978, 2452, 2805, 3264, 3422, 4534
 CORNEAL ULCER: 4681
 CORONARY CIRCULATION: 2045, 2407, 2469, 2666, 3491, 3882
 CORONARY DISEASE: 331, 576, 1491, 1500, 2801, 2881, 3036-3037, 3118, 3674, 3931, 4039, 4715, 5019, 5031
 CORONARY VESSEL ANOMALIES: 2090
 CORONARY VESSELS: 799, 839, 1393, 1715, 2090, 2181, 2291, 2407, 3377, 3882, 4999
 CORPORA QUADRIGEMINA: 776, 4690
 CORPUS LUTEUM: 205, 296, 367, 418, 554, 556, 702, 731, 869, 972, 1011, 1094, 1097, 1118, 1331, 1377, 1388, 1400, 1466, 1564, 1633, 1714, 1838, 1976, 2042, 2149, 2248, 2382, 2438, 2442, 2598, 2755, 2812, 2898, 2948, 3006, 3045, 3058, 3116, 3139-3140, 3233, 3255, 3366, 3547, 3642, 3708-3709, 3761, 3877, 3943, 4122, 4138, 4143, 4515, 4662, 4704, 4746, 4849, 5013
 CORPUS LUTEUM CYST: 1388, 4121
 CORPUS LUTEUM HORMONES: 1097, 3110
 CORPUS STRIATUM: 586, 977, 1240, 1269, 1421, 1504, 1556, 1936, 2940, 4331, 4606, 4621, 4627, 4686, 4724, 4732, 4867
 CORTICAL DESYNCHRONIZATION: 4682
 CORTICAL SYNCHRONIZATION: 4682
 CORTICOSTERONE: 7, 25, 56, 152, 217, 285, 289, 473, 477, 487, 550, 557, 579-582, 655, 707, 753, 939, 973, 1125, 1191, 1325, 1374, 1443, 1555, 1709, 1738, 1899, 1904, 1919, 2141, 2303, 2309, 2323, 2358, 2375, 2389, 2400, 2517, 2572, 2613, 2680, 2908, 2920, 3009, 3199, 3246, 3263, 3327, 3414, 3703, 3740, 3763, 3825, 3873, 3881, 3906, 3947, 3953-3954, 4005, 4018, 4191, 4290, 4416, 4423, 4592, 4677, 4703, 4718, 4847, 4909, 4937, 4968, 5008, 5048-5049
 CORTICOTROPIN: 7, 53, 57, 68, 106, 119, 207, 215, 219, 285, 337, 452, 460, 485, 487, 496, 502, 564, 579-582, 615, 627, 629, 695, 736, 821, 939, 942-944, 962, 1005, 1008, 1025, 1040, 1046, 1064, 1076, 1084-1085, 1110, 1120, 1125, 1138, 1166, 1174, 1206, 1270, 1305, 1323, 1368, 1374, 1489, 1499, 1552, 1555, 1638, 1673, 1712, 1746, 1837, 1899, 1911, 1927, 1929, 1934, 1939, 1958, 2009, 2011, 2043, 2101, 2141, 2213, 2221-2222, 2271, 2303, 2323, 2370, 2374, 2400, 2434, 2455-2457, 2500, 2517, 2554, 2557, 2573, 2610, 2639, 2680, 2704, 2737, 2780, 2803, 2806, 2816, 2835, 2857, 2916, 2938, 2966, 3044, 3053, 3083, 3098, 3141, 3181, 3185, 3196, 3221, 3243, 3246, 3278, 3338, 3396, 3436, 3449, 3466, 3487, 3501, 3508, 3510, 3516, 3577, 3594, 3626, 3651, 3703, 3740, 3743-3744, 3756, 3881, 3897, 4004-4005, 4018, 4075-4076, 4116, 4189, 4228, 4291, 4480, 4493, 4592, 4602, 4630, 4683, 4703, 4727, 4736, 4738, 4805, 4893-4894, 4896-4897, 4952, 4968, 4990, 4992-4994
 CORTICOTROPIN RELEASING HORMONE: 358, 564, 2213, 2938, 3181, 4005, 4630
 CORTISONE: 32, 79, 121, 258, 407, 443, 604, 852, 873, 878, 903, 1021, 1323, 1381, 1521, 1606, 1637, 1702, 1825, 2077, 2159, 2192, 2261-2262, 2270, 2316, 2318, 2354, 2396, 2434, 2480, 2573, 2581, 2891, 2908, 3037, 3120, 3196, 3357, 3786, 3902, 3916-3917, 3989, 4047, 4215, 4332, 4517, 4592, 4718, 4785, 4805, 4821, 4909, 5048
 CORYNEBACTERIUM: 199, 274, 4719
 COSTS AND COST ANALYSIS: 1292, 2654, 5036
 COTTON: 3648
 COUGH: 1235, 2942
 COUMARINS: 3517, 4207, 4643
 COUNSELING: 2777, 3206, 4033
 COURTSHIP: 1878, 4184
 COXSACKIE VIRUS INFECTIONS: 2563
 CRABS: 294, 740, 1281, 4111, 4605
 CRANIAL FOSSA, POSTERIOR: 662, 1096
 CRANIAL NERVES: 785, 3859, 3880, 4793

CRANIOFACIAL DYSOSTOSIS: 938, 1151, 1375, 4024, 4118, 4305, 4421-4422, 4780
 CRANIOPHARYNGIOMA: 64, 481, 764, 785, 2818, 2874, 2938, 4086, 4538, 4910
 CRANIOSYNOSTOSIS: 1151
 CRANIOTOMY: 662
 CRAYFISH: 1422, 2745, 4605
 CREATINE: 3713
 CREATINE KINASE: 379, 744, 781, 1605, 1647, 1996, 2409, 2576, 2820, 3064, 3161, 3232, 4192, 4347, 4522, 4529, 4789, 4860
 CREATININE: 9, 37, 248, 313, 325, 361, 499, 714, 744, 787, 792, 805, 807, 882, 933, 1136, 1161, 1313, 1350-1351, 1449, 1451, 1751, 1754-1755, 1916, 2288, 2471, 2497, 2706, 2743, 2776, 2871, 3043, 3113, 3147, 3170, 3370, 3583, 3600, 3711, 3713, 3786, 3854, 4035, 4041, 4051, 4071, 4783, 4843, 5042
 CRESOLS: 2500, 3936
 CRETINISM: 1433, 2833, 2988, 3218, 3958, 4318, 4811-4812
 CRIMINAL PSYCHOLOGY: 4983
 CRONOLONE: 2658-2659
 CROP, AVIAN: 2224
 CROSS REACTIONS: 113, 146, 148, 231, 394, 467, 521, 614, 683, 1086, 1305, 1382, 1658, 1815, 1828, 1911, 1915, 1983, 2074, 2084, 2144, 2230, 2294, 2788, 2895, 2949, 2996, 3094, 3149-3150, 3160, 3199, 3443, 3466, 3837, 3841, 3883, 3986, 4064, 4081, 4123, 4205, 4301, 4684, 4731
 CROSSES, GENETIC: 83, 666, 1113, 1413, 3166, 3793, 4474, 4498, 4663, 4918
 CROSSING OVER (GENETICS): 211, 351, 666, 1713, 1784, 1786, 2130, 2325, 3265, 3277, 4816, 4973
 CRUSTACEA: 1179, 1281, 2219
 CRYING: 701
 CRYING CAT SYNDROME: 938
 CRYOGLOBULINS: 4252
 CRYPTOCHISM: 13, 76, 118, 190, 456, 628, 871, 1375, 1497, 1766, 1832, 2328, 2335, 2621, 2757, 2956, 3462, 3764, 4242, 4335, 4420, 4775, 4822, 4865, 4987
 CRYSTALLINE: 864, 3601
 CRYSTALLIZATION: 312, 625, 1000, 1582, 2525, 2959, 3289, 3296, 4199, 4301, 4583, 4871, 4936
 CRYSTALLOGRAPHY: 1067, 3239, 3665
 CUES: 1123, 2138, 4406
 CULDOSCOPY: 593
 CULEX: 256, 2545
 CULTURE: 2833, 3467
 CULTURE MEDIA: 562, 655, 658, 758, 1157, 1222, 1419, 1454, 1489, 1603-1604, 1606, 1646, 1659, 1819, 2206, 2271, 2496, 2531, 3117, 3171, 3267, 3335, 3351, 3592, 3858, 4054, 4067, 4094, 4233, 4235, 4508, 4710, 4778, 4844, 4944, 5044
 CURARE: 454, 2102
 CURETTAGE: 1396, 1479, 2315, 2701, 3107, 4017, 4240
 CURRENT BIOG-OBIT: 58, 1391, 1614, 1736, 1872, 3230, 3875, 4180, 4285, 4322, 4543, 4837
 CUSHING'S SYNDROME: 147, 201, 472, 859, 1091, 1128, 1426, 1810, 1854, 2021, 2054, 2209, 2383, 2449, 2457, 2554, 2637, 3071, 3278, 3735, 3774, 3831, 4116, 4274, 4469, 4679, 4699, 4966
 CYANIDES: 48, 1957, 2678, 3186, 3360, 4039, 4235, 4341, 4365, 4752, 4932
 CYANOACRYLATES: 2235, 4126
 CYANOBROMIDE: 2322, 2474, 3195, 4463
 CYANOSIS: 4377, 4665
 CYCLAMATES: 4711
 CYCLIC S-OXIDES: 105
 CYCLIZATION: 2589, 3472
 CYCLIZINE: 732
 CYCLOBUTANES: 2589
 CYCLOHEPTANES: 2024, 2527, 3121, 4303
 CYCLOHEXANE: 389, 3090, 3225, 4404, 4595, 4801-4802
 CYCLOHEXANECARBOXYLIC ACIDS: 156, 4231
 CYCLOHEXIMIDE: 222, 494, 602, 885, 909, 985, 1157, 1219, 1369, 2099, 2108, 2295, 2688, 2741, 3033, 3119, 3159, 3250, 3438, 3780, 4047, 4065, 4179, 4235, 4396, 4470, 4576, 4641, 4855, 4963
 CYCLOPENTANE: 4207
 CYCLOPHOSPHAMIDE: 23, 89, 91, 143, 196, 546, 638, 680, 689, 779, 1119, 1142, 1156, 1171, 1214, 1515, 1718, 1784, 1833, 1914, 1929, 1949, 1965, 2106, 2175, 2197, 2269, 2443, 2838, 2851-2852, 2887, 3090, 3162, 3309, 3418, 3857, 4030, 4135, 4141, 4248, 4281, 4380, 4835, 4889, 5009

CYCLOPLEGICS: 2588
 CYCLOPROPANE: 860
 CYCLOSTOMES: 3904, 4267
 CYPRINIDAE: 229, 524, 728, 2512, 3310, 4270
 CYPROHEPTADINE: 3967, 4250
 CYPROTERONE: 28, 495, 752, 924, 1485, 1542, 1756, 2042, 2048, 3883, 4396, 4497, 4660, 4699, 4953
 CYSTADENOCARCINOMA: 1069
 CYSTADENOMA: 1260, 3425
 CYSTADENOMA, MUCINOUS: 841, 1069, 2121, 2994
 CYSTADENOMA, PAPILLARY: 1589, 1849, 2127, 3851, 3885
 CYSTAMINE: 1583, 2494
 CYSTEAMINE: 4000
 CYSTEINE: 425, 1114, 1493, 2486, 3878, 4057, 4220, 4412, 4645
 CYSTIC FIBROSIS: 78, 415, 432, 1241
 CYSTINE: 374, 767-769, 1689, 2476-2477
 CYSTITIS: 1793
 CYSTOSCOPY: 1793
 CYSTS: 354, 481, 785, 850, 2126, 2234, 2252, 2321, 2328, 2971, 3068, 3174, 3342, 3645, 4655, 4929, 4971
 CYTARABINE: 4, 23, 47, 143, 260, 369, 569, 1718, 3070, 3898, 3962, 5011
 CYTIDINE: 494, 1132, 3619, 3895, 3906, 3947
 CYTOCHALASIN B: 466, 1829, 4710
 CYTOCHROME C: 915, 1628, 2811, 4287, 4901
 CYTOCHROME OXIDASE: 423, 426, 486, 525, 544, 915, 1513, 1988, 4287, 4324, 4514, 4898, 4901
 CYTOCHROME P-450: 983, 1290, 1513, 1644, 1957, 2066, 2108, 3007, 4146, 4643, 4780, 4831, 4847
 CYTOCHROME REDUCTASES: 280, 915, 1957, 2066, 2103, 2811
 CYTOCHROMES: 544, 983, 1155, 1196, 1502, 2066, 3007, 3191
 CYTODIAGNOSIS: 2736, 2798, 4875, 4905, 4929
 CYTOGENETICS: 1430, 2390-2391, 2435, 2540, 3097, 3265, 4358, 4689
 CYTOLOGICAL TECHNIQUES: 890, 1430, 1765, 2251, 2642, 3509, 3529, 4001, 4022
 CYTOLOGY: 4270
 CYTOPATHOGENIC EFFECT, VIRAL: 693, 2505
 CYTOPLASM: 77, 97, 201, 349, 373, 462, 479, 508, 539, 562, 566, 655, 924, 928, 1050, 1065, 1196, 1234, 1295, 1413-1414, 1424, 1453, 1616, 1627, 1673, 1682, 1728, 1842, 1849, 1908, 1967, 2013, 2103, 2310, 2398, 2424, 2697, 2798, 2934, 2983, 3120, 3122, 3133, 3251, 3281, 3315, 3368, 3443, 3446, 3769, 3964-3965, 4045, 4048, 4112, 4117, 4174, 4177, 4270, 4287, 4405, 4438, 4532, 4718, 4744, 5012
 CYTOPLASMIC GRANULES: 98, 201, 207, 236, 294, 314, 577, 669, 764, 798, 819, 902, 909, 998, 1682, 1818, 2340, 2424, 2590, 3393, 3541, 3602, 3701, 3964, 4090, 4197, 4278, 4334, 4347, 4405, 4412, 4506, 4556, 4755, 4906, 4933
 CYTOPLASMIC STREAMING: 2000
 CYTOSINE: 2696, 3619
 CYTOSINE NUCLEOTIDES: 3619, 3709, 4582
 CYTOSOL: 12, 17, 349, 476, 730, 915, 1423, 1485, 1535-1537, 2003, 2011, 2273, 2295, 2302, 2572, 2591, 2617, 2697, 2933, 3054, 3165, 3205, 3326, 3334, 3368, 3732, 3843, 3867, 3988, 4221, 4468, 4497, 4541, 4571, 4582, 4718, 4857, 4909
 CYTOTOXICITY TESTS, IMMUNOLOGIC: 65, 273-274, 1470, 1784, 1819, 1829, 2316, 2519, 3289, 3390, 3794, 3963, 4045, 4376, 4636, 4731
 CZECHOSLOVAKIA: 3596, 4180-4181, 4285

D

DACTINOMYCIN: 2, 494, 546, 609, 885, 909, 983, 1003, 1157, 1219, 1290, 1377, 1441, 1940, 2099, 2512, 2557, 2668, 3119, 3162, 3250, 3252, 3257, 3312, 3513, 3727, 3873, 3987, 4047, 4065, 4174, 4178, 4398, 4541, 4601, 4635, 4963, 4998
 DANSYL COMPOUNDS: 534, 864, 1670, 3195, 3219, 3565, 4800, 4921, 4925
 DARK ADAPTATION: 466, 1360, 3594
 DARKNESS: 348, 380, 535, 550, 717, 985, 2168, 2997
 DAUNOMYCIN: 4, 143, 369, 1718, 3962
 DDD: 1738, 2383
 DDT: 1992, 2117, 2950, 4172
 DEAF-MUTISM: 92, 1095, 1822, 4852
 DEAFNESS: 1095, 1216, 1225, 1786, 1822, 2530, 2900, 3540, 4852

SUBJECT INDEX

- DEAMINATION: 1894, 2894, 4003
DEATH: 3536
DEATH CERTIFICATES: 2561
DEATH, SUDDEN: 165, 2080, 2862, 3012, 3812, 4715
DEBRIDEMENT: 2581
DECALCIFICATION, PATHOLOGIC: 814
DECALCIFICATION TECHNIC: 4367, 4938
DECARBOXYLATION: 1437
DECEREBRATE STATE: 1311
DECIDUA: 731, 753, 2642, 4028
DECONTAMINATION: 3138
DECUBITUS ULCER: 2686, 4485
DEER: 403
DEFECTIVE VIRUS: 3438
DEFENSE MECHANISMS: 2939
DEFICIENCY DISEASES: 71, 1015, 1703, 1711, 1923, 3131, 3194, 3869, 4645, 4808, 5046
DEHYDRATION: 417, 1689-1690, 2044, 2836, 3172, 4748
DEHYDROEPIANDROSTERONE: 297, 612, 834, 901, 948, 1026, 1063, 1207, 1244, 1575, 1740, 1883, 2319, 2401, 2524, 2528, 3060-3061, 3270, 3286-3287, 3296, 3327, 3336, 3406, 4025, 4133, 4189, 4433
DELAYED-ACTION PREPARATIONS: 536, 1199, 2870, 3802, 4113, 4887
DELIRIUM: 352
DELIVERY: 281, 1292, 1358
DELUSIONS: 1794
DEMECOLCINE: 968
DEMENTIA, PRESENILE: 1812
DEMOGRAPHY: 3173, 3673
DEMYELINATION: 962, 3304, 3981
DENDRITES: 229, 1674, 3256, 4340
DENERVATION: 259, 400, 985, 3159, 3375, 3809, 4369, 4677, 4787, 4902
DENMARK: 771, 1302, 1736, 2569, 3259, 3532, 4322, 4983, 5039
DENSITOMETRY: 359, 441, 735, 944, 1296, 1376, 1818, 1972, 2763, 2881, 3202, 3609, 4482
DENSITOMETRY, X-RAY: 3346, 4234, 4728
DENTAL AMALGAM: 820
DENTAL CARE: 1197
DENTAL CARIES: 820, 2777, 3035, 4482, 4938
DENTAL CARIES SUSCEPTIBILITY: 2777
DENTAL CAVITY LINING: 1203
DENTAL CAVITY PREPARATION: 1203
DENTAL CEMENTS: 820
DENTAL ENAMEL: 595, 4482, 4502, 4938
DENTAL ENAMEL HYPOPLASIA: 3678
DENTAL HEALTH SURVEYS: 2586
DENTAL HIGH SPEED EQUIPMENT: 1203
DENTAL HIGH SPEED TECHNIC: 820, 2637
DENTAL IMPLANTATION: 3550
DENTAL IMPRESSION TECHNIC: 820
DENTAL MATERIALS: 1197
DENTAL PLAQUE: 1787, 2777
DENTAL PULP: 820, 1203, 3225
DENTAL PULP CAPPING: 820, 1203
DENTAL PULP DISEASES: 1203
DENTAL PULP EXPOSURE: 820
DENTAL RESTORATION, PERMANENT: 1203
DENTIN: 595, 820, 1907, 4434
DENTIN SENSITIVITY: 1203
DENTINOGENESIS IMPERFECTA: 1225
DENTITION: 863, 2586
DENTURE, COMPLETE: 2586
DENTURE, PARTIAL: 2586
DENTURE, PARTIAL, FIXED: 820
DEOXYADENOSINE: 3460, 4541
DEOXYCHOLIC ACID: 1025, 1188, 1399, 1451, 1579
DEOXYCYTIDINE: 4972
DEOXYRIBONUCLEASE: 2300, 2933, 3368, 3948, 3988, 4152, 4909
DEOXYRIBONUCLEOSIDES: 4972
DEOXYRIBOSE: 3284
DEOXYURIDINE: 1279, 2452
DEPRESSION: 352, 616, 1164, 1362, 1942, 1999, 2656, 2776, 3163, 3607, 3616, 3643, 3859, 4315
DEPRESSION, CHEMICAL: 7, 28, 39, 103, 135-136, 150, 158, 163, 173, 185, 195, 232, 247, 272, 285, 363, 393, 495-496, 520, 572, 615, 674, 715, 729, 731, 737, 756, 798, 808, 849, 883, 941, 943, 958, 1168, 1206, 1209, 1242, 1249, 1264, 1269, 1276, 1301, 1369, 1376, 1379, 1386, 1400, 1421, 1439, 1441, 1456, 1485, 1599, 1619, 1667, 1691, 1700, 1752, 1755, 1826, 1829, 1839, 1852, 1881, 1972, 1982, 2083, 2136, 2189, 2231, 2251, 2276, 2294, 2334, 2351, 2365, 2393, 2431, 2451, 2460, 2534, 2692, 2710, 2718, 2738, 2753, 2824, 2890, 2924, 3019, 3043, 3066, 3116, 3122, 3129, 3137, 3176, 3197, 3295, 3325, 3344, 3349, 3374, 3380, 3401, 3491, 3507, 3530, 3573, 3582, 3598, 3655, 3708, 3736, 3810, 3855, 3858, 3907-3908, 3999, 4014, 4021, 4039, 4122, 4137, 4261-4262, 4294, 4304, 4335, 4341, 4409, 4416, 4507-4508, 4635, 4639, 4644, 4666, 4682-4683, 4686, 4690, 4693, 4734, 4757, 4831, 4868, 4964, 4993, 4999, 5008, 5054
DEPRESSION, REACTIVE: 3163, 3643
DERMATITIS: 1236, 1568, 2813, 3001
DERMATITIS, CONTACT: 1373, 1544, 2155, 2507, 3750
DERMATITIS HERPETIFORMIS: 288, 435-436, 1110, 1236, 2788
DERMATITIS MEDICAMENTOSA: 399, 1110, 1236, 3029, 4531
DERMATOGlyphics: 633, 880, 2281, 2604, 2711, 2858, 4023, 4745
DERMATOLOGIC AGENTS: 4803, 5011
DERMATOMYCOSIS: 2686, 3781
DERMATOMYOSITIS: 1827, 2556, 2762, 3304, 3820, 3932
DERMOID CYST: 3458, 3632
DESENSITIZATION: 3184
DESERAMINE: 400, 1917, 2776, 3405, 3921, 4084-4085
DESMOSOMES: 764, 1295, 3134
DESMOSTEROL: 3472
DESOXYCORTICOSTERONE: 512, 839, 950, 1241, 1414, 1474, 1555, 2064, 2108, 2439, 2572, 2903, 2933, 3120, 3220, 3791, 4051, 4407, 4727, 4764, 4847, 5008
DETERGENTS: 915, 1025, 1188, 1490, 2646, 3579, 3621, 4220
DEUTERIUM: 169, 855, 2454, 3565, 4199, 4756, 4871
DEVELOPING COUNTRIES: 537
DEXAMETHASONE: 29, 93, 96, 106, 108, 154, 198, 226-227, 321, 337, 419, 470, 496, 520, 582, 603-604, 616-617, 628, 650, 662, 893, 942, 1059, 1084, 1125, 1237, 1279, 1309, 1357, 1440, 1486, 1835, 1934, 1945, 1978, 2048, 2080, 2156, 2177, 2235, 2403, 2449, 2455-2456, 2572, 2613, 2696-2697, 2699, 2706, 2741, 2963, 2968, 3054, 3091, 3119, 3199, 3396, 3417-3418, 3460, 3492, 3538, 3651, 3654, 3731, 3763, 3856, 3881, 3928, 3941, 4116, 4126, 4191, 4221, 4377, 4467, 4505, 4530, 4649, 4683, 4738, 4805, 4855, 4857, 4951, 5006
DEXTRAN: 150, 623, 853, 1053, 1452, 1841, 2172, 2339, 2514, 2763, 3417, 3942
DEXTRO AMPHETAMINE: 656, 672, 1917, 1936, 1980, 2140, 2327, 2656, 2776, 3564, 4084
DIABETES INSIPIDUS: 191, 370, 417, 785, 956, 1469, 1760, 2283, 2530, 2917, 3347, 3374, 3682-3683, 4003, 4280, 4587, 4679, 4957
DIABETES MELLITUS: 40, 110, 128, 204, 266, 397, 464, 584, 675, 1010, 1116, 1330, 1472, 1566, 1615, 1664, 1708, 1751, 1754, 1793, 1812, 2117, 2422, 2726, 2773, 2876, 2964, 3187, 3257-3259, 3364, 3471, 3578, 3639, 3645, 3647, 3628, 4022, 4104, 4223, 4274, 4325, 4384, 4467, 4626, 4630, 4836, 4877, 4910, 4952, 5029, 5054
DIABETES MELLITUS, JUVENILE: 1752, 2530, 2870-2871, 2917, 4952, 5029
DIABETIC ANGIOPATHIES: 965, 2256
DIABETIC COMA: 4530
DIABETIC DIET: 281, 1793, 1812, 2870, 4952
DIABETIC NEPHROPATHIES: 1304, 1754
DIABETIC NEUROPATHIES: 642, 1122, 2917, 3859
DIABETIC RETINOPATHY: 785, 1357, 1737, 1751, 1990, 2902, 3913, 4480, 5054
DIACETYLMORPHINE: 732
DIAGNOSIS: 2984
DIAGNOSIS, COMPUTER ASSISTED: 2252, 3342, 4885
DIAGNOSIS, DIFFERENTIAL: 31, 64, 118, 125, 183, 252, 311, 325, 350, 415, 481, 571, 576, 593, 630, 640, 664, 693, 873, 894, 898, 1055, 1099, 1131, 1141, 1151, 1170, 1235-1236, 1284, 1298, 1335, 1346, 1387, 1398, 1425, 1495, 1524, 1616, 1666, 1668, 1686, 1761, 1810, 1813, 1843, 1846, 1856, 1930-1931, 1979, 2080, 2085, 2088, 2113, 2121, 2126, 2133, 2321, 2329, 2368, 2395, 2397, 2445, 2498, 2526, 2588, 2621, 2685, 2701, 2888, 2994, 3053, 3072, 3111, 3174, 3184, 3296, 3341-3342, 3497, 3538, 3675, 3693, 3758, 3772, 3788, 3851, 3894, 3917, 3966-3967, 4055, 4116, 4225, 4252, 4254, 4330, 4483, 4536, 4551, 4556, 4716, 4828-4829, 4853, 4877, 4924, 4929, 4980, 5014
DIAGNOSTIC ERRORS: 1487, 1625, 1657, 1706, 1909, 2445, 3296, 3917, 4319
DIALYSIS: 171, 516, 2543, 2821, 2843, 3329, 4124, 4339, 4375, 4782
DIAMINES: 3474
DIAMMONIUM CHLOROPLATINUM COMPOUNDS: 1865
DIAPHRAGM: 520, 1761, 1924, 4733, 4958
DIAPHRAGMATIC HERNIA: 1665
DIARRHEA: 268, 622, 1100, 1987, 2179, 2624, 2819, 3587, 3593, 3603, 3635, 3772, 4095, 4232, 4719, 4806, 4887
DIARRHEA, INFANTILE: 3603
DIATHESIS: 1482, 1797, 2296
DIATRIZOATE: 1624, 2238, 3567, 4999
DIAZEPAM: 611, 1410, 1697, 2533, 2673, 4056, 4774
DIAZOXIDE: 960, 3167, 3563, 4466
DIBENAMINE: 821, 2488, 3224, 4084
DIBENZAZEPINES: 19, 39, 454
DIBENZOTRIEPINS: 4895
DIBENZOXAZEPINES: 103
DIBUCAIN: 272, 292
DIBUTYRYL CYCLIC AMP: 206, 292, 395, 461, 487, 660, 704, 717, 751, 811-812, 821, 856, 864, 941, 1157, 1291, 1389, 1852, 1939, 2046, 2083, 2217, 2295, 2363, 2437, 2652, 2680, 2693, 2822, 2964, 3058, 3186, 3238, 3257, 3287, 3355, 3411, 3548, 3582, 3858, 4054, 4062-4063, 4065, 4084, 4175, 4365, 4435, 4498, 4508, 4582, 4586, 4653, 4680, 4869, 4921, 5044
DICARBOXYLIC ACIDS: 1303, 1764, 2295, 2557
DICHOROISOPROTERENOL: 821, 3224
2,4-DICHLOROPHENOXACETIC ACID: 4711
DICHLORPHENAMIDE: 4260
DICLOXACILLIN: 2963
DICYCLOHEXYLCARBODIIMIDE: 2472
DIENCEPHALON: 229, 795, 1240, 3044, 3158, 3928, 3949, 4110, 4263, 4867, 4886
DIET: 85, 142, 174, 180, 285, 356, 361, 464, 490, 537, 589, 711, 720, 815, 843, 910, 940, 1262, 1301, 1392, 1509, 1532, 1620, 1662, 1714, 1762, 1802, 1903, 2034, 2054, 2112, 2151, 2161, 2372, 2542, 2628, 2653, 2744, 2778, 2787, 2839, 2901, 3125, 3236, 3524, 3560, 3616, 3629, 3633, 3705, 3829, 3874, 4081, 4105, 4182-4183, 4191, 4356, 4845, 4776, 4845, 4858, 4998, 5008, 5046, 5051
DIET, ATHEROGENIC: 1724, 3945, 4669
DIET, REDUCING: 1252, 2865, 4983
DIET, SALT-FREE: 810, 973, 1136, 1241, 1270, 1304, 1356, 1916, 2054, 3179, 3864, 4051, 4095
DIET THERAPY: 848, 1002, 1342, 1357, 1812, 1997, 2033-2034, 2166, 2329, 2364, 2436, 2654, 2660, 2828, 2887, 3047, 3064, 3442, 3969, 4681
DIETARY CARBOHYDRATES: 132, 397, 547, 557, 2110-2112, 2372, 2744, 4626
DIETARY FATS: 71, 132, 356, 464, 1147, 1357, 1548, 2776, 2964, 3338, 4626, 4694
DIETARY PROTEINS: 71, 85, 356, 361, 397, 547, 969, 1016, 1297, 1662, 2110, 2112, 2777-2778, 2901, 3236, 3242, 3648, 3713, 3833, 4134, 4626, 5041
DIETHYLAMINES: 69, 1242, 1684, 2147, 2651, 3033, 4262
DIETHYLCARBAMAZINE: 3897
DIETHYLPROPION: 713
DIETHYLSTILBESTROL: 171, 247, 459, 465, 958, 1207, 1334, 1368, 1471, 1536-1537, 1606, 1731, 1739, 1833, 1965, 2147, 2428, 2475, 2589, 2707, 3043, 3063, 3062, 3236, 3266, 3381, 3590, 3814, 3842, 3870, 4135, 4352, 4695
DIFFERENTIAL THRESHOLD: 3953
DIFFUSION: 272, 672, 804, 1618, 1978, 2895, 4124, 4199
DIGESTION: 547, 2850, 4211
DIGESTIVE SYSTEM: 352, 1179
DIGITALIS: 2090, 3584
DIGITALIS GLYCOSIDES: 158, 570, 1995, 2166, 2407, 3211, 3466, 3563
DIGITONIN: 915, 1399, 3612, 4416, 4643
DIGITOXIN: 271, 2748
DIGOXIN: 158, 1546, 3283, 4172
DIHYDROSTREPTOMYCIN: 1236, 5001
DIHYDROTACHYSTEROL: 174-175, 533, 854, 1431, 2354, 2394, 3135
DIHYDROXYCHOLECALCIFEROLS: 161, 315, 532-533, 804, 831, 1002-1003, 1788, 2329, 2380, 2778, 3038, 3319, 3368, 3512, 3717, 3911, 4465, 5046

SUBJECT INDEX

- DIODOHYDROXYQUIN: 3587
DIODOTYROSINE: 1993-1994, 2543, 3503, 4641, 4907-4908
DILATION: 624, 878, 895, 1045, 1424, 1745, 2315, 4304, 4775
DIMETHISTERONE: 4651
DIMETHYL SULFOXIDE: 343, 466, 670, 784, 878, 1888, 2471, 4756
DIMETHYLAMINES: 752, 794, 1069, 4046, 4472, 4686, 5020
DIMETHYLAMINOAZOBENZENE: 228, 490, 857
DIMETHYLTRYPTAMINE: 3665
DINITROPHENOLS: 517, 1476, 1534, 1764, 2228, 2678, 3186, 4039, 4235, 4341, 4539, 4735, 4879, 4932
DIOXINS: 2469
DIOXOLES: 1255, 1485, 4085
DIPEPTIDES: 2912
DIPHENHYDRAMINE: 787, 1090, 2473, 2690, 3650, 3941
DIPHENOL OXIDASES: 4659
DIPHENYLHYDANTOIN: 773, 1035, 1511, 1691, 1809, 2035, 2080, 3211, 3850, 3886, 4101, 4182, 4349, 4866, 4872, 4924
DIPHOSPHOGLYCERIC ACIDS: 2872
DIPHTHERIA TOXIN: 1487, 2967
DIPLOCOCCUS PNEUMONIAE: 83, 1493, 1579
DIPLOIDY: 87, 1077, 1900, 2271, 3425, 3529, 3803, 4766
DIPLOPIA: 732, 1501
DIPTERA: 256, 1402, 4820
DIPYRIDAMOLE: 1640, 1715, 1952, 3609, 4239
DISACCHARIDES: 302
DISACCHARIDES: 3200, 4111, 4482
DISCRIMINATION LEARNING: 3096
DISEASE MODELS, ANIMAL: 23, 60, 110, 132, 209, 303, 651, 793, 863, 1724, 1727, 1820, 1989, 2279, 2296, 2587, 2729, 2771, 2881, 2983, 3162, 3304, 3307, 3403, 3521, 3524, 3645, 3779, 3805, 4128, 4385, 4451, 4523, 4732, 4764, 4786, 4807, 4859-4860, 4960, 4982
DISEASE OUTBREAKS: 2505, 2833
DISEASE RESERVOIRS: 216
DISEASES IN TWINS: 1480, 2092, 3458, 4193, 4721
DISGERMINOMA: 230, 270, 1069, 1798, 1865, 2093, 2379, 2464, 2529, 2580, 3003, 3273, 3464, 3727, 4256, 4452, 4652, 4661, 4799
DISLOCATIONS: 3675, 4353
DISODIUM CROMOGLYCATE: 409, 450, 2803, 2895, 3897, 4563, 4836, 5024, 5050
DISSECTION: 1820
DISSEMINATED INTRAVASCULAR COAGULATION: 243, 1743, 1870, 2943, 3280, 4317, 4764
DISTRICT OF COLUMBIA: 1824
DISULFIDES: 374, 521, 1114, 1533, 2136, 2274, 2771, 2945, 3672, 4140, 4299
DISULFRAM: 1404, 1541, 1747, 2568, 3215, 4776
DISULFOTON: 572
DITERPENES: 466, 4221
DITHIOHREITOL: 388, 425, 521, 1114, 1434, 2136, 3863, 4136, 4539
DIURESIS: 961, 1161, 1198, 1282, 1411, 1469, 1542, 1826, 1841, 2057, 2211, 2283, 2612, 2683, 3092, 3145, 3147, 3328, 3347, 3380, 3651, 3660, 3882-3883, 3855, 4003, 4587, 4702, 4757, 4987
DIURETICS: 174, 578, 1052, 1057, 1136, 1199, 1356, 1811, 1941, 2166, 2625, 3179, 3563, 3686, 4077, 4095, 4878, 5035
DIURETICS, MERCURIAL: 1324, 2600
DIURETICS, SULFAMYL: 882
DIURETICS, THIAZIDE: 675, 1136, 1199, 3887
DIVERTICULITIS, COLONIC: 664
DIVERTICULOSIS, COLONIC: 1308
DIVORCE: 1220
DNA: 222, 237, 241, 275, 323, 328, 446, 493-494, 566, 700, 735, 856, 890, 897, 958, 968, 984, 1106-1107, 1283, 1316, 1439, 1471, 1480, 1603, 1682, 1796, 1817, 1825, 1830, 1851, 1869, 1914, 1963, 2162, 2187, 2217, 2249, 2311, 2413, 2517, 2546, 2562, 2608, 2616, 2642, 2733, 2824, 2890, 2933, 3054, 3166, 3171, 3208, 3313, 3326, 3367, 3381, 3543, 3620, 3684, 3695, 3793, 3820, 3872-3873, 3878, 3895, 3918, 3941, 3987, 4000, 4105, 4174, 4178, 4205, 4233, 4282, 4338, 4355, 4474, 4529, 4537, 4550, 4558, 4607, 4673, 4930, 5047
DNA, BACTERIAL: 725
DNA, CIRCULAR: 4282
DNA, MITOCHONDRIAL: 3252
DNA, NEOPLASM: 38, 609, 1275, 2692, 3289, 3314, 3580, 3765, 4128
DNA NUCLEOTIDYL TRANSFERASES: 1825, 4919
DNA REPAIR: 717, 1471, 1480, 1891
DNA REPLICATION: 88, 725, 890, 1347, 1448, 1851, 1963, 2187, 2310, 3292, 3529, 3823, 3897, 3793, 3918, 4193, 4297, 4474, 4537, 4550
DNA, SINGLE STRANDED: 1851
DNA, VIRAL: 101, 172, 4251, 4921
DNA VIRUSES: 101, 3351, 3836
DOCUMENTATION: 3914
DOG DISEASES: 1278, 1798, 2588, 2620, 3537, 4681, 4822
DOGS: 150, 236, 290, 306, 452, 464, 501, 599, 665, 686, 723, 790, 966, 1108, 1278, 1282, 1296, 1341, 1408, 1542, 1618, 1660, 1667, 1721, 1778, 1798, 1960, 2057, 2084, 2147, 2153, 2194, 2267, 2425, 2430, 2509, 2637, 2666, 2731-2732, 2799, 3007, 3485, 3537, 3829, 3860, 3731, 3759, 4001, 4007, 4089, 4097, 4117, 4126, 4162, 4239, 4293, 4334, 4445, 4500, 4504, 4592, 4626, 4664, 4840
DOPA: 114, 220, 488, 583, 636, 729, 865, 995, 1149, 1218, 1268, 1287, 1364, 1368, 1404, 1519, 1569, 1725, 1747, 1975, 2005, 2038, 2070, 2215, 2224, 2606, 2618, 2718, 2731, 2771, 2904, 2919, 2924, 2945, 3057, 3066, 3220, 3223, 3459, 3597-3598, 3844, 3871, 4027, 4085, 4468, 4527, 4573, 4627, 4676
DOPA DECARBOXYLASE: 112, 2070, 2731, 2919, 3057, 4026-4027, 4178, 4363, 4740, 4821
DOPAMINE: 8, 18, 39, 46, 378, 478, 525, 795-797, 844, 899, 1124, 1158, 1184, 1240, 1306, 1421, 1444, 1504, 1556, 1725, 1747, 1882, 1903, 1917, 1936, 2004-2005, 2062, 2067, 2078, 2087, 2128, 2165, 2215, 2606, 2639, 2671, 2674, 2705, 2719, 2731, 2771, 2782, 2792, 2919, 2931, 2940, 2945, 3231, 3533, 3564, 3649, 3871, 4027, 4083-4084, 4294, 4331, 4361, 4436, 4562, 4606, 4627, 4630, 4686, 4690, 4724, 4750, 4787, 4858
DOPAMINE BETA HYDROXYLASE: 19, 169, 1598, 1917, 2771, 2797, 3419, 3905, 4178, 4630, 4686, 4751
DOSAGE FORMS: 258, 3842, 4800
DOSE-RESPONSE RELATIONSHIP, DRUG: 8, 16, 71, 135, 240, 247, 249, 258, 280, 282, 272, 304, 319, 356, 358, 408, 411, 454, 599, 615, 623, 656, 678, 738, 753, 763, 797, 812, 846, 860, 875, 891, 907, 917, 941, 950, 976, 986, 1061, 1098, 1161, 1184, 1201, 1223, 1261, 1276, 1283, 1326, 1328, 1355, 1376, 1397, 1400, 1421, 1452, 1456, 1539, 1560, 1611, 1619, 1660, 1675, 1700, 1713, 1721, 1755, 1770, 1826, 1839, 1852, 1894, 1910, 1916, 1924, 1937, 1955, 1975, 1996, 2031, 2072, 2142, 2158, 2254, 2277, 2288, 2320, 2327, 2370, 2393, 2405, 2486, 2533, 2622, 2633, 2640, 2671, 2673, 2690, 2693, 2720, 2741, 2750, 2754, 2911, 2923, 2967, 2975, 2982, 3077, 3123, 3134, 3137, 3192, 3197, 3229, 3274, 3311, 3344, 3363, 3395, 3421, 3423, 3426, 3508, 3515, 3542, 3548, 3609, 3659-3660, 3698, 3756, 3767, 3850, 3873, 3889, 3910, 3936, 4004, 4014, 4018, 4062, 4066, 4112, 4147, 4191, 4236, 4266, 4271, 4309, 4323, 4335, 4351, 4354, 4426, 4465, 4526, 4593, 4603, 4639, 4700, 4783, 4808, 4894, 4947, 4992, 5029
DOSE-RESPONSE RELATIONSHIP, RADIATION: 302, 609, 2026, 4490
DOXAPRAM: 811, 4260
DRAINAGE: 226, 502, 952, 1036, 1501, 2493, 3148, 4779
DRINKING: 454, 1195, 1637, 1700, 1763, 2649, 2727, 2886, 3041, 3452, 3705, 3923, 4198, 4779, 4838, 4892
DRINKING BEHAVIOR: 262, 406, 1223, 1269, 1476, 1980, 2923, 3027, 3148, 3953, 4191, 4466, 4518, 4779
DRIVE: 4518
DROMOSTANOLONE: 857
DROSOPHILA: 1830, 1860, 3637-3638, 3778, 3793, 4397
DROSOPHILA MELANOGASTER: 87-88, 179, 208, 211, 446, 666, 1107, 1113, 1222, 1413, 1713, 2162, 2187, 2310, 2503, 2616, 3320, 3614, 3664, 3895, 3983, 4170, 4282, 4474, 4577, 4711, 4816, 4874, 4918, 4973
DRUG ABUSE: 1306
DRUG ANTAGONISM: 303, 438, 1306, 1442, 1569, 2019, 2475, 3512
DRUG COMBINATIONS: 219, 536, 616, 808, 922, 1055, 1199, 1356, 1457, 1519, 1529, 1549, 1734, 1945, 2436, 2521, 2677, 2688, 2725, 3046, 3067, 3491, 3563, 3650, 3658, 3687, 3700, 3781, 3801, 3941, 4030, 4240, 4266, 4350, 4471, 4643, 4651, 4707, 4915, 5041, 5055-5056
DRUG EVALUATION: 43, 105, 248, 765, 978, 1014, 1865, 1876, 1921, 2156, 2179, 2535, 2813, 2918, 2926, 3029, 3039, 3091, 3750, 3801-3802, 3840, 3892, 4264, 4283, 4658, 4698, 4717, 4803, 5036, 5039, 5050
DRUG HYPERSENSITIVITY: 78, 399, 1035, 1142, 1774, 2086, 2686, 3082, 3322, 3576, 4017, 4531, 4952
DRUG INCOMPATIBILITY: 3650
DRUG INDUSTRY: 4133
DRUG INTERACTIONS: 340, 358, 538, 1214, 1390, 1486, 1539, 1646, 1688, 1770, 1782, 2140, 2320, 2408, 2460, 2568, 2688, 2919, 3178, 3189, 3203, 3492, 3659, 3695, 3859, 3889, 3989, 4053, 4266, 4622, 4639, 4666, 4697, 4872
DRUG RESISTANCE: 174, 443, 523, 2283, 2458, 3576, 3794, 3872, 4396
DRUG RESISTANCE, MICROBIAL: 1397, 1561, 2963, 3836, 4289, 4514
DRUG STABILITY: 101, 124, 346, 349, 366, 401, 516, 672, 1124, 1188, 1291, 1815, 2066, 2084, 2454, 2501, 2629, 2646, 2846, 3212-3213, 3579, 3650, 3863, 3988, 4136, 4453, 4575, 4649, 4749, 4909
DRUG STORAGE: 4622
DRUG SYNERGISM: 69, 170, 303, 419, 465, 611, 636, 758, 772, 812, 884, 1085, 1116, 1218, 1243, 1311, 1376, 1390, 1456, 1539, 1603, 1697, 1916, 1975, 2007, 2052, 2112, 2131, 2134, 2271, 2327, 2473, 2507, 2566, 2792, 2878, 2891, 2919, 3057, 3106, 3121, 3134, 3181, 3228, 3274, 3363, 3460, 3501, 3609, 3658, 3705, 3821, 3855, 3920, 3939, 3987, 3999, 4065, 4084, 4094, 4101, 4224, 4229, 4356, 4368, 4484, 4651, 4658, 4733, 4791, 4893-4895, 4897
DRUG THERAPY: 78, 2014, 2285, 3584, 3671, 3673
DRUG THERAPY, COMBINATION: 4, 55, 84, 104, 114, 142, 196, 347, 369, 498, 636, 670, 680, 729, 800, 816, 1120, 1156, 1171, 1199, 1457, 1484, 1580, 1718, 1833, 2197, 2426, 2452, 2654, 3090, 3147, 3162, 3276, 3305, 3682, 3727, 3857, 3962, 4030, 4302, 4377, 4380, 4602, 4658, 4815, 4825, 4835, 5052
DRUG TOLERANCE: 599, 1737, 3013, 3037, 4937, 4945, 4992, 5024
DRUG WITHDRAWAL SYMPTOMS: 1989, 4527
DRUGS: 258, 359, 1671, 1938, 1943, 2354, 2984, 4277
DTPA: 3138
DUCKS: 157, 1919, 3048, 4064, 4504
DUMPING SYNDROME: 1140, 4806
DUODENAL NEOPLASMS: 3997
DUODENAL ULCER: 673, 1140, 1881, 2347, 2393, 3436, 3730, 4374, 4451, 4507, 4561, 4668
DUODENUM: 462, 516, 599, 856, 1427, 2122, 2358, 2451, 2787, 2877, 3121, 3951, 4087, 4134, 4507, 4631
DURA MATER: 156, 227, 838
DUST: 450
DWARFISM: 640, 649, 1298, 1346, 1398, 1711, 1843, 1930-1931, 2435, 2498, 2610, 2621, 2817, 2822, 2861, 2870-2871, 3434, 3758, 4024, 4118, 4305, 4308, 4313, 4400, 4421-4422, 4614
DWARFISM, PITUITARY: 322, 2047, 3484, 3615, 3647, 4400, 4538
DYDROGESTERONE: 857
DYES: 73, 343, 1478, 3062, 3738, 4328, 4334, 5011
DYSCHONDROPLASIA: 3758
DYSENTERY, BACILLARY: 2966, 3603
DYSMENORRHEA: 593, 2436, 3095, 4362
DYSPEPSIA: 2347, 4525
DYSPLASIA: 794, 1235, 1546
DYSPROSIUM: 1194, 2959
EAR: 2279, 2298, 4780
EAR CANAL: 1822
EAR, EXTERNAL: 122, 873, 1224, 3274, 3425, 4712
EAR, MIDDLE: 92, 122
EAR OSSICLES: 1822, 2298
EARTHWORKS: 378, 1287
EATING: 202, 408, 454, 1328, 1700, 1763, 1780, 1792, 1866, 1980, 2096, 2138, 2727, 3433, 3451-3452, 3549, 3815, 3923, 4198, 4243, 4346, 4459, 4487, 4779, 4838, 4892

SUBJECT INDEX

- ECCENTRO-OSTEOCHONDRODYSPLASIA: 1298, 3753
 ECCHYMOSIS: 1245, 4531
 ECDYSONE: 123, 2503, 4028-4027
 ECHINOCOCCOSIS, HEPATIC: 4130
 ECHINOCOCCOSIS, PULMONARY: 1495
 ECHINODERMATA: 1179
 ECHOCARDIOGRAPHY: 68, 2106
 ECHOENCEPHALOGRAPHY: 2252
 ECLAMPSIA: 787, 4523
 ECOLOGY: 953
 ECTODERM: 395
 ECTODERMAL DYSPLASIA: 3856
 ECTROMELIA: 1375
 ECZEMA: 460, 1110, 1373, 1522, 2571, 3712, 3750, 4803
 EDEMA: 154, 303, 440, 624, 675, 882, 976, 1053, 1294, 1592, 1699, 1748, 1849, 1986, 2133, 2507, 3360, 3705, 3938, 4077, 4278, 4404, 4485, 4549, 4717, 4761
 EDROPHONIUM CHLORIDE: 529, 3492, 5016
 EDTA: 108, 308, 474-475, 497, 623, 748, 1291, 1480, 1620, 1762, 1784-1785, 1829, 1839, 1908, 1966, 2274, 2439, 2472, 2527, 2710, 2763, 3114-3115, 3229, 3284, 3765, 3863, 4364, 4388, 4574-4575, 4734, 4856, 4988
 EDUCATION, MEDICAL, CONTINUING: 691
 EDUCATION, NURSING: 1175
 EDUCATIONAL MEASUREMENT: 691
 EDUCATIONAL STATUS: 3616, 4983
 EELS: 1259, 1826, 1884, 3201
 EGG PROTEINS: 338, 1422, 3444
 EGG SHELL: 3787
 EGG WHITE: 2901
 EGG YOLK: 338, 4434
 EGGS: 720, 1262, 1799, 3263, 3641
 EGYPT: 1744, 3409, 4120
 EHLERS-DANLOS SYNDROME: 1256
 EJACULATION: 78, 270, 772, 1148, 1278, 1717, 2883, 2914, 2952, 3123, 3273, 3476, 3569, 3667, 3823, 4799
 ELASTIC TISSUE: 510
 ELASTICITY: 448, 710, 2229, 2655, 3561
 ELASTIN: 173, 263, 3143, 4634
 ELECTRIC CONDUCTIVITY: 192, 677, 851, 1261, 1688, 1719, 3201, 3678, 4140, 4338
 ELECTRIC ORGAN: 3201, 4624
 ELECTRIC STIMULATION: 25, 80-81, 137, 212, 259, 264, 358, 377, 400, 522-523, 741, 899, 1102, 1122, 1166, 1209, 1409, 1539, 1680, 1691, 1721, 1763, 1779, 1792, 1806, 1948, 1960, 2050, 2094, 2137, 2203, 2212, 2242, 2312, 2339, 2504, 2518, 2671-2672, 2735, 2785, 2848, 2869, 3105, 3158, 3201, 3220, 3300, 3405, 3445, 3528, 3561, 3677, 3692, 3740, 3809, 3907-3908, 3981, 3996, 4084-4085, 4158-4159, 4209, 4390, 4436, 4518, 4732, 4934, 4958, 4993
 ELECTRICITY: 2462
 ELECTROCARDIOGRAPHY: 9, 417, 529, 561, 570, 578, 732, 741, 775, 842, 851, 862, 921, 1342, 1546, 1776, 1839, 2055, 2090, 2179, 2404, 2518, 2535, 2836, 3025, 3111, 3232, 3394, 3463, 3605, 3617, 3712, 4053, 4614, 4789, 4984
 ELECTROCHEMISTRY: 1688, 3738, 4002, 4039
 ELECTROCOAGULATION: 880, 4480
 ELECTRODES: 80, 212, 795, 1161, 1776, 2630, 2727, 2848, 3474, 3740
 ELECTRODES, IMPLANTED: 284, 656, 1076, 1763, 1801, 1960, 2242, 2518, 3075, 3096, 3158, 3433, 3581, 3884, 4142, 4150, 4518, 4774, 4934
 ELECTRODIAGNOSIS: 2932, 4670
 ELECTROENCEPHALOGRAPHY: 80, 137, 321, 522, 578, 633, 651, 993, 1076, 1120, 1160, 1268, 1284, 1289, 1300, 1367, 1378, 1410, 1425, 1655, 1663, 1684, 1801, 2007, 2080, 2169, 2239, 2400, 2457, 2526, 2556, 2643, 2672, 2734, 2869, 2917, 3075, 3096, 3214, 3300, 3369, 3410, 3416, 3433, 3497, 3577, 3581, 3605, 3700, 3819, 4010, 4142, 4150, 4159, 4313, 4530, 4546, 4602, 4682, 4706, 4709, 4732, 4774, 4995
 ELECTROLYSIS: 2854
 ELECTROLYTES: 73, 807, 4495, 4942
 ELECTROMAGNETICS: 1325, 3069, 3325
 ELECTROMYOGRAPHY: 962, 993, 1122, 1166, 1346, 1457, 1906, 2409, 3105, 3232, 3418, 3684, 4142, 4347, 5033
 ELECTRON PROBE MICROANALYSIS: 4278
 ELECTRON SPIN RESONANCE: 1029, 1194, 1644, 4756, 4760
 ELECTRON TRANSPORT: 740, 1155, 1394, 1512, 1628, 1688, 1957, 2244, 2623, 3768, 4476, 4827, 4848-4849
 ELECTRONICS, MEDICAL: 5009
 ELECTONS: 1245, 1777, 1994
 ELECTROOCULOGRAPHY: 993, 3416, 4142
 ELECTROPHORESIS: 196, 441, 486, 635, 1005, 1464, 1605, 1785, 2121, 2259, 2670, 3079, 3307, 3444, 3535, 3601, 3798, 3836, 3924, 4111, 4152, 4167
 ELECTROPHORESIS, DISC: 372, 423, 746, 1422, 1756, 2145, 2552, 2629, 2663, 2745, 2821, 3080, 3185, 3225, 3238, 3411, 3414, 3760, 3905, 4140, 4167, 4301, 4453, 4575, 4586, 4914
 ELECTROPHORESIS, PAPER: 855, 1613, 2544, 3080, 3195, 3981, 4111, 4127, 4165-4166, 4622
 ELECTROPHORESIS, POLYACRYLAMIDE GEL: 2, 12, 171-172, 206, 315, 324, 338, 353, 415, 434, 516, 521, 549, 592, 601, 696, 746, 826, 1188, 1261, 1329, 1360, 1369, 1380, 1432, 1500, 1669, 1815, 1830, 1884, 1981, 2002, 2230, 2249, 2273-2274, 2380, 2447, 2646, 2652, 2664, 2742, 2809, 2922, 2928, 2931, 3104, 3127, 3202, 3210, 3332, 3351, 3414, 3664, 3695, 3924, 3981, 4080, 4199, 4221, 4505, 4571, 4622, 4680, 4751, 4936
 ELECTROPHORESIS, STARCH GEL: 1670, 2255, 2733, 4060, 4954
 ELECTROPHYSIOLOGY: 59, 212, 704, 801, 1161, 1163, 1765, 2123, 2212, 2243, 2264, 2312, 2400, 2469, 2666, 2741, 3738, 4333, 4418
 ELECTRORETINOGRAPHY: 2530, 4480
 ELECTROSHOCK: 132, 522, 707, 830, 1269, 2222, 2613, 2911, 4189
 ELECTROTHERAPY: 1999
 ELEMENTARY PARTICLES: 1245, 1296, 1818, 3631, 3817
 ELEMENTS: 3194, 3698
 EMACINATION: 364, 1390-1931
 EMBOLISM: 929, 4317
 EMBOLISM, FAT: 853, 3521
 EMBRYO: 134, 228, 349, 668, 946, 2315, 2619, 2692-2693, 3064, 3171, 3329, 3408, 4028, 4046, 4065, 4127, 4439, 4460
 EMERGENCIES: 3371, 3563
 EMETICS: 2731
 EMIGRATION AND IMMIGRATION: 518, 843, 2833, 4530
 EMOTIONS: 25, 174, 707, 1801, 1931, 2848, 3155, 3607, 3685, 4350, 4911
 EMPHYSEMA: 1793
 EMPYEMA: 251
 EMPYEMA, TUBERCULOUS: 990
 EMULSIONS: 885
 ENCEPHALITIS: 631, 2128, 3322, 4312
 ENCEPHALITIS, BASIC PROTEINS: 3080
 ENCEPHALOCOELE: 3882, 4061
 ENCEPHALOMALACIA: 651
 ENCEPHALOMYELITIS: 3031, 4846
 ENCEPHALOMYELITIS, ALLERGIC: 3322, 4312
 ENDARTERITIS: 624, 4187
 ENDOCARDIAL FIBROELASTOSIS: 1591
 ENDOCARDITIS: 1591
 ENDOCRINE DISEASES: 128, 191, 568, 858, 1122, 1284, 1511, 1644, 1760, 1778, 1971, 2585, 2766-2767, 2900, 2961, 3017, 3184, 3206, 3278, 3617, 3735, 3909, 3914, 3952, 4031, 4161, 4400, 4877, 4956
 ENDOCRINE GLANDS: 669, 993, 1152, 1258, 1343, 1507, 1562, 1878, 2360, 2850, 3447, 3644, 3715, 3754, 4164, 4471, 4580
 ENDOCRINOLOGY: 1, 58, 1172-1173, 1211, 1391, 1614, 1736, 1872, 2386, 2662, 3230, 3596, 3875, 4180-4181, 4194, 4285, 4322, 4543, 4837, 5027
 ENDOMETRIAL HYPERPLASIA: 1588, 4325
 ENDOMETRIOSIS: 593, 664, 1797, 2784, 2831, 4325, 4655
 ENDOMETRITIS: 3180, 3523, 4822
 ENDOMETRIUM: 301, 468, 565, 574, 1257, 1260, 1266, 1396, 1417, 1581, 2059, 2105, 2149, 2755, 3295, 3642, 3760-3761, 3887, 3900, 4022, 4314, 4362, 4515, 4870
 ENDOMYOCARDIAL FIBROSIS: 1591
 ENDONUCLEASES: 349, 2300, 4550
 ENDOPLASMIC RETICULUM: 126, 201, 479, 508, 558, 577, 669, 703, 747, 819, 909, 924, 998, 1065, 1402, 1413, 1722, 1728, 2013, 2194, 2424, 2462, 2465, 3133, 3350, 3393, 3519, 3541, 3546, 3672, 4028, 4090, 4117, 4256, 4405, 4450, 4791, 4822, 5023
 ENDOTHELIUM: 431, 839, 900, 1318, 1424, 1474, 1491, 2987, 3360, 4002, 4040, 4385, 4781, 4814
 ENDOTOXINS: 32, 615, 670, 799, 1024, 1368, 1787, 3271, 3338, 3344, 3941, 4783, 4980
 ENERGY METABOLISM: 48, 286, 547, 589, 711, 1155, 1685, 1964, 2116, 2251, 2881, 3093, 3105, 3451, 3864, 3884, 4341, 4523
 ENERGY TRANSFER: 1628, 1877, 2001, 3360, 4476, 4827
 ENGLAND: 331, 828, 843, 1347, 4543, 4834, 5019
 ENGLISH ABSTRACT: 4, 13, 15, 31, 36-37, 76, 80, 90, 102, 104-105, 112, 115, 123, 125, 134, 140, 147, 167-168, 182, 188, 200, 203, 212, 214, 216, 218-219, 221, 225, 233-234, 236, 252, 255, 270, 279, 296, 298, 302, 310, 317-318, 322, 329, 334, 342, 346, 353-354, 360, 362, 382, 398, 406-407, 416-417, 422, 427, 435-437, 439, 445, 456, 463, 478-479, 509-510, 543, 558, 566-567, 571, 573, 576, 584, 591, 595, 607-608, 619, 626-627, 630, 637, 641, 651-652, 675, 681-682, 694, 726-727, 734, 743, 761-762, 785-786, 838, 850, 858, 862, 867, 903, 918, 951, 965, 971, 978-979, 987-988, 1000, 1006, 1016, 1019-1021, 1026, 1041, 1057-1058, 1065, 1068, 1076, 1080-1081, 1090, 1096, 1110-1112, 1115, 1119-1120, 1128, 1134-1135, 1139, 1141-1142, 1145, 1153, 1162, 1172, 1187, 1193, 1200, 1215, 1219, 1224, 1231-1232, 1235-1236, 1241, 1245, 1249, 1268, 1276-1277, 1282, 1287, 1304, 1321, 1325, 1342, 1344, 1350-1352, 1373, 1387, 1417, 1428, 1437-1439, 1442, 1450, 1460-1461, 1465-1466, 1468, 1475, 1477, 1488, 1495-1496, 1499-1500, 1505, 1507, 1528-1529, 1532-1533, 1540-1541, 1543, 1546, 1551, 1553, 1561, 1571, 1583, 1586-1588, 1600, 1606, 1609, 1615, 1626, 1635, 1640, 1642, 1661-1664, 1666-1667, 1673, 1675-1676, 1679-1680, 1685, 1701, 1709-1711, 1717, 1737, 1742, 1759, 1761, 1790, 1804, 1809, 1835, 1847, 1879, 1908, 1929, 1933, 1949, 1964, 2007-2008, 2025, 2032, 2044, 2047, 2058, 2081, 2088, 2095, 2098, 2100-2101, 2107, 2114, 2120, 2125-2127, 2177-2178, 2181, 2186, 2208, 2212-2214, 2216, 2236-2237, 2251-2252, 2255, 2258, 2262, 2269, 2286-2287, 2289-2290, 2293, 2301, 2317, 2320, 2328, 2331, 2333, 2336-2337, 2339, 2344, 2347, 2350-2360, 2374, 2379-2380, 2384-2386, 2388-2389, 2392, 2395-2397, 2403-2404, 2406, 2409, 2411-2412, 2414-2416, 2418, 2425, 2429, 2431-2432, 2444, 2450, 2453, 2461, 2467, 2469, 2472-2473, 2480, 2484, 2488, 2493, 2496, 2498-2499, 2503, 2511-2513, 2521, 2523, 2526, 2529-2530, 2539, 2558, 2567, 2571, 2573, 2576-2578, 2584, 2595, 2602, 2607, 2614, 2618-2619, 2621-2622, 2624, 2637, 2643-2644, 2676, 2681, 2686-2687, 2689, 2700, 2705, 2715, 2717-2718, 2721, 2724, 2726, 2757-2759, 2762, 2765, 2768, 2805, 2836, 2845, 2848, 2853, 2858, 2866-2867, 2872, 2875, 2892-2893, 2896, 2909, 2918, 2925, 2931, 2942, 2960-2963, 2977, 2979, 2988, 2994, 2998-2999, 3001, 3005, 3012, 3016, 3019, 3026, 3029, 3032, 3035, 3037, 3039, 3045, 3047-3048, 3098, 3100, 3102-3103, 3105, 3109, 3111, 3115, 3131, 3136, 3150-3157, 3184, 3191, 3193, 3197-3198, 3215-3216, 3224, 3231, 3236, 3246-3247, 3261-3262, 3265, 3275-3276, 3278, 3280, 3289-3290, 3292, 3296, 3300, 3318, 3324, 3346, 3352, 3362, 3364, 3379, 3387, 3394, 3396, 3412, 3426, 3428, 3455, 3500, 3514-3515, 3518, 3523, 3535, 3538, 3540, 3543, 3545-3546, 3555, 3557, 3559, 3570, 3573, 3575, 3580, 3583, 3588, 3591, 3618-3619, 3627-3630, 3644, 3646, 3652, 3660-3662, 3670, 3678-3679, 3692, 3695, 3699, 3714, 3725, 3727, 3730-3731, 3733, 3735, 3745-3746, 3751, 3758, 3764, 3770, 3774, 3779, 3783, 3801-3802, 3804, 3820, 3828, 3834-3835, 3840, 3843-3844, 3846, 3853, 3874, 3881, 3886, 3892, 3899-3901, 3915-3917, 3924, 3928, 3931, 3969-3970, 3974-3975, 3993, 3997, 3999, 4006, 4022, 4025, 4029, 4033-4034, 4037, 4045, 4049, 4059, 4064, 4080, 4090, 4097-4098, 4103, 4108, 4112-4113, 4115-4116, 4126, 4129-4130, 4133, 4147, 4173, 4210, 4212, 4216, 4223-4224, 4229, 4257-4258, 4265, 4269-4270, 4274-4275, 4280, 4283, 4286, 4292, 4307, 4310, 4320, 4326, 4330, 4332, 4334, 4339, 4341, 4344, 4362, 4370, 4397, 4404, 4406, 4424, 4429, 4436, 4442, 4445, 4457, 4459-4460, 4472, 4488-4490, 4504-4506, 4523, 4532-4533, 4536, 4538, 4540, 4542, 4544, 4546-4547, 4559, 4565-4566, 4570, 4573, 4578, 4581, 4585, 4587-4588, 4592, 4599, 4603, 4607-4608, 4611, 4620-4622, 4628, 4633, 4646, 4664-4666, 4668, 4671, 4675, 4679, 4681, 4687-4689, 4697, 4707-4708, 4716-4718, 4720, 4726-4727, 4730, 4738, 4769, 4771, 4774, 4785, 4799, 4820, 4823, 4825-4826, 4851, 4854, 4865, 4899, 4905, 4929, 4975-4977, 4980, 4984-4985, 4994, 5004, 5010, 5012
 ENTERITIS, REGIONAL: 3603

SUBJECT INDEX

ENTEROBACTERIACEAE: 658, 2963
 ENTEROBACTERIAE INFECTIONS: 2963, 3880
 ENTEROTOXINS: 1024, 1085-1086, 1274, 2204-2205, 4894
 ENVIRONMENT: 217, 550, 606, 1103, 2406, 2533, 3027, 4912
 ENVIRONMENT, CONTROLLED: 473
 ENVIRONMENTAL EXPOSURE: 668, 1250, 1258, 1977, 2550, 2698, 2974, 3447
 ENVIRONMENTAL HEALTH: 2605
 ENVIRONMENTAL POLLUTION: 1181, 2905
 ENZYME ACTIVATION: 156, 292, 335, 366, 425-426, 490, 494, 665, 797, 960, 1034, 1158, 1291, 1374, 1490, 1598, 1712, 1886, 2008, 2067, 2078, 2134, 2205, 2320, 2362, 2474, 2477, 2646-2647, 2679, 2872, 3055, 3080, 3202, 3238, 3419, 3440, 3649, 3663, 3843, 3950, 4032, 4136, 4175, 4246, 4351, 4574, 4596, 4680, 4983, 5006
 ENZYME INDUCTION: 222, 245, 419, 544, 609, 692, 791, 813, 893, 985, 1297, 1399, 1434, 1437, 1571, 1606, 1904, 2099, 2295, 2477, 2760, 2891, 3171, 3178, 3552, 3590, 3965, 4028, 4179, 4182-4183, 4425, 4590, 4623, 4643, 4919, 5022
 ENZYME PRECURSORS: 194, 3827
 ENZYME REPRESSION: 371, 791, 1533, 1598, 1920, 2287, 3407, 4541, 4697, 4778, 4848
 ENZYME TESTS: 415, 1249, 2961
 ENZYMES: 1655, 1951, 2463, 4220, 4608, 4800, 4901
 EOSINOPHILIA: 999, 1591, 3494
 EOSINOPHILIC GRANULOMA: 1760
 EOSINOPHILS: 231, 450, 794, 1771, 2185, 3261, 3417-3418, 3494, 4017, 4106, 4532
 EPENDYMA: 1180, 2366, 2687, 3602
 EPENDYMOMA: 898, 4128
 EPHEDRINE: 2081, 3977, 4563
 EPIDEMIOLOGIC METHODS: 818
 EPIDERMOLYSIS BULLOSA: 3331
 EPIDIDYMIS: 324, 1061, 1063, 1132, 1174, 1424, 1589, 1756, 1837, 2228, 2255, 2428, 2557, 2592, 2739, 2914, 3112, 3393, 3409, 3553, 3894, 3950, 4018, 4021, 4160, 4432, 4666, 4844
 EPIDIDYMITIS: 908, 1099, 3894, 4055
 EPIGLOTTIS: 4377
 EPILEPSY: 773, 975, 1076, 1120, 1160, 1367, 3680, 3715, 3777, 4162, 4602, 4732
 EPILEPSY, GRAND MAL: 773, 1035, 1120, 2080, 2297, 3777, 4748
 EPILEPSY, PETIT MAL: 1120, 2297, 3497, 4602
 EPILEPSY, TEMPORAL LOBE: 2297
 EPINEPHRINE: 42, 187, 324, 427, 474, 572, 653, 665, 678, 697, 734, 821, 899, 1102, 1126, 1158, 1174, 1248, 1289, 1303, 1363, 1374, 1376, 1389, 1444, 1626, 1712, 1715, 1747, 1804, 1882, 1904, 1964, 1972, 1979, 2019, 2085, 2225, 2227, 2231, 2264, 2271, 2290, 2309, 2462, 2469, 2488, 2500, 2527, 2610, 2617, 2650, 2680, 2732, 2792, 2848, 2853, 2891, 2939, 2964, 3051, 3169, 3176, 3181, 3185, 3214, 3253, 3264, 3278, 3419, 3426, 3488, 3501, 3524, 3609, 3650, 3728, 3756, 3780, 3809-3810, 3821, 3921, 4021, 4175, 4178-4179, 4212, 4220, 4236, 4418, 4445, 4582, 4598, 4642, 4665, 4692, 4840, 4869, 4872, 4968, 4981, 4999
 EPIPHYSES: 539, 1015, 1298, 1439, 3746, 3758, 3778
 EPISTAXIS: 2565, 4253
 EPITHELIAL CELLS: 431, 508, 566, 659, 819, 964, 979, 1077, 1260, 1295, 1379, 1453, 1725-1726, 1849, 2000, 2204-2205, 2452, 2579, 2590, 2618, 2798, 2968, 3134, 3267, 3295, 3363, 3393, 3399, 3425, 3537, 3701, 3745, 4197, 4233, 4481, 4493, 4662, 4744, 4856, 4869, 4931
 EPITHELIUM: 221, 305, 444, 964, 1295, 1379, 1616, 1725, 1849, 1978, 2452, 2608, 3049, 3120, 3194, 3295, 3515, 3964, 4079
 EQUILIBRIUM: 844, 4950
 ERBIUM: 1194, 2959
 ERGOCALCIFEROL: 315-316, 533, 598, 843, 1510, 2667, 3319, 4694
 ERGOLINES: 170, 1376, 3000, 3139, 3594, 3609
 ERGONOVINE: 3650
 ERGOSTEROL: 1397, 1646, 1897, 1988, 2028, 2937, 3472, 3621, 4326, 4514, 4583
 ERGOT ALKALOIDS: 715, 958, 1001, 1073, 1421, 2354, 2924, 3203, 3523, 3594, 3837, 4092, 4361, 4525, 4815, 5013
 ERGOT ALKALOIDS, HYDROGENATED: 2188
 ERGOTAMINE: 359, 377, 1874, 2488, 2539
 EROTICA: 257
 ERWINIA: 4960
 ERYTHEMA: 61, 2435, 2814

ERYTHEMA MULTIFORME: 460, 3729
 ERYTHREMIC MYELOSI: 2220
 ERYTHRITOL: 1121
 ERYTHROCYTE AGING: 187, 3110
 ERYTHROCYTE COUNT: 563, 1227, 2270, 2758, 4660
 ERYTHROCYTES: 91, 148, 158, 187, 193, 234, 343, 400, 526, 665, 787, 904, 947, 1070, 1183, 1238, 1250, 1322, 1336, 1370, 1419, 1459, 1508, 1514, 1517, 1687, 1726, 1839, 2053, 2078, 2117, 2199, 2546, 2601, 2872, 2890, 2893, 2906, 2937, 3011, 3110, 3238, 3316, 3423, 3495, 3608, 3663, 3681, 3751, 3765, 3774, 3850, 4083, 4136, 4175, 4246, 4340, 4381, 4434, 4491, 4496, 4532, 4573, 4576, 4618, 4731, 4823, 4954, 5045
 ERYTHROCYTES, ABNORMAL: 1202, 1657, 2443
 ERYTHROLEUKEMIA: 3998, 3962
 ERYTHROMYCIN: 5001
 ERYTHROPOIESIS: 266, 480, 2117, 2443, 2758-2759, 3774
 ERYTHROPOIETIN: 1730, 2117, 2443, 2554, 3744, 3824
 ESCAPE REACTION: 657, 830, 2848, 3838, 4303
 ESCHERICHIA COLI: 32, 83, 101, 135, 149, 159, 172, 241, 447, 544, 615, 670, 717, 791, 935, 1085-1086, 1920, 2304-2306, 2495, 2644, 2841, 3180, 3289, 3344, 3613, 3634, 3838, 3941, 4778, 4920-4921, 4960
 ESCHERICHIA COLI INFECTIONS: 149, 906, 1068, 2587, 3593, 3603, 3941
 ESOPHAGEAL ATRESIA: 955
 ESOPHAGEAL DIVERTICULA: 504
 ESOPHAGEAL NEOPLASMS: 268, 2275, 4688
 ESOPHAGEAL VARICES: 332, 1657, 4213
 ESOPHAGITIS: 2266
 ESOPHAGUS: 2960, 3194, 4481
 ESTERASES: 194, 280, 296, 783, 1287, 1592, 1898, 2804, 2967, 3708, 4227
 ESTERS: 27, 76, 788, 885, 917, 1415, 1560, 1994, 2207, 3472, 3510, 3787, 3945, 4207, 4668, 4785, 4964
 ESTRADIOL: 21, 35, 86, 94-95, 97, 99, 117, 155, 171, 205, 217, 232, 347, 376, 312, 365, 400, 428-429, 545, 565, 574, 592, 612-614, 628, 655, 705-706, 712, 730, 737, 752-753, 796, 823, 837, 846, 869, 875, 901, 905, 923, 948, 970, 1052, 1062, 1071, 1084, 1094, 1118, 1146, 1159, 1168, 1184, 1196, 1207, 1242, 1255, 1283, 1326, 1328, 1383, 1423, 1445, 1471, 1531, 1536-1537, 1542, 1579, 1602, 1606, 1627, 1632, 1692, 1730, 1796, 1873, 1883, 1896, 1908, 1915, 1927, 1935, 2065, 2076, 2096, 2111, 2124, 2142, 2147, 2157, 2189-2190, 2203, 2230, 2249-2250, 2268, 2276-2277, 2311, 2319, 2338, 2341, 2398, 2413, 2466, 2475, 2490, 2514, 2525, 2531, 2608, 2631, 2642, 2659, 2671, 2694, 2739, 2741, 2750-2751, 2755, 2791, 2796, 2826, 2890, 2911, 2950, 2973, 3000, 3040, 3066, 3078, 3123, 3129, 3134, 3137, 3153, 3182, 3233-3234, 3285-3286, 3295, 3329, 3334, 3356, 3350, 3355, 3381, 3424, 3426, 3454, 3477, 3507, 3590, 3610, 3622, 3642, 3672, 3708, 3771, 3785, 3789, 3807, 3849, 3860, 3883, 3883, 3890, 3892, 3920, 3944, 3987-3988, 3991, 4008, 4014, 4046, 4049, 4094, 4101, 4109, 4115, 4119, 4122, 4137-4138, 4172, 4189, 4261-4262, 4265, 4314, 4398, 4428, 4438, 4493, 4495, 4497, 4499, 4604, 4733, 4741, 4830, 4871, 4884, 4947-4948, 4966
 ESTRANES: 3183, 4427, 4564, 4890-4891
 ESTRIOL: 21, 171, 276, 281, 312-314, 621, 818, 875, 992, 1315, 1915, 1927, 2141-2142, 2236, 2314, 2514, 2524, 2575, 2632, 3178, 3711, 3883, 3900, 4106, 4115, 4189, 4315, 4975
 ESTROGENIC SUBSTANCES, CONJUGATED: 712, 1417, 3301, 3308, 3492, 3784, 3870, 4315, 4458, 4591
 ESTROGENS: 21, 44-45, 51, 86, 95, 171, 174, 221, 237, 259, 278, 290, 301, 338, 358, 363, 383, 405, 418, 453, 513-515, 538, 554, 568, 578, 654, 687, 700, 752-753, 761-762, 768, 774, 788, 818, 823, 904, 952-953, 957, 1028, 1052, 1079, 1242, 1249, 1260, 1271, 1290, 1309, 1331, 1334, 1345, 1350-1352, 1417, 1426, 1519, 1531, 1601, 1603, 1634, 1642, 1652, 1685, 1734, 1771, 1798, 1871, 1878, 1923, 1944, 1995, 2029, 2048, 2114, 2189, 2196, 2236, 2241, 2238, 2244, 2401, 2449, 2516, 2528, 2648, 2573, 2622, 2627, 2638, 2755, 2783, 2784, 2839, 2873, 2970, 3000, 3033, 3063, 3071, 3078, 3107, 3110, 3116, 3178, 3208, 3255, 3260, 3301, 3316, 3331, 3356, 3381, 3420, 3428, 3444, 3458, 3461, 3478, 3500, 3544, 3607, 3623, 3711,

3749, 3814, 3837, 3842, 3867, 3870, 3891, 3936, 3961, 3966, 3991, 4022, 4025, 4033, 4115, 4169, 4204, 4217, 4240, 4262, 4275, 4315, 4325, 4346, 4352, 4359, 4447, 4471, 4494, 4497, 4516, 4633, 4651, 4656, 4676, 4698, 4700, 4834, 4900, 4910, 5020, 5022, 5028, 5055-5056
 ESTRONE: 21, 117, 171, 205, 312, 470, 591, 612, 614, 705-706, 875, 948, 1071, 1255, 1423, 1537, 1685, 1915, 1927, 2105, 2124, 2250, 2272, 2319, 2341, 2512-2514, 2573, 2750-2751, 2755, 2796, 3158, 3234, 3285, 3329, 3336, 3408, 3507, 3683, 3889-3890, 4109, 4115, 4189, 4591, 4871, 4922, 4966
 ESTRUS: 44, 70, 217, 296, 358, 427, 450, 614, 702, 846, 889, 899, 910, 1011, 1041, 1071, 1073, 1094, 1103, 1123, 1148, 1184, 1226, 1299, 1340, 1366, 1404-1405, 1454, 1488, 1496, 1586-1587, 1634, 1714, 1935, 1954, 1976-1977, 2012, 2115, 2191, 2196, 2243, 2268, 2302, 2475, 2607, 2658-2659, 2699, 2750, 2791, 2808, 2883, 2899, 2914, 3116, 3134, 3139-3140, 3210, 3255, 3279, 3301, 3401, 3454, 3507, 3642, 3646, 3780-3781, 3789, 3830, 3849, 3860, 4029, 4068, 4143, 4215, 4226, 4268, 4499, 4515, 4560, 4741, 4746, 4756, 4879
 ETHACRYNIC ACID: 196, 1136, 4423
 ETHANBUTOL: 4530, 4579
 ETHANE: 625, 1003
 ETHANOLAMINES: 1223, 3925, 4466, 4968
 ETHERS: 473, 1828, 2239, 2496, 2706, 2962, 3078, 4677, 4964
 ETHERS, CYCLIC: 1741, 2950
 ETHICS, MEDICAL: 1117, 1641, 3536
 ETHINYL ESTRADIOL: 67, 95, 155, 261, 320, 438, 536, 1051, 1178, 1249, 1355, 1383, 1471, 1546, 1548-1549, 1876, 2040, 2048, 2476-2477, 2677, 2897, 3067, 3149, 3182, 3301, 3865, 4066, 4104, 4651, 4915, 4923, 4947-4948, 5041
 ETHIONAMIDE: 1995
 ETHIONINE: 2051, 3236
 ETHIOPIA: 1123, 2874
 ETHMOID BONE: 1893, 3196
 ETHMOID SINUS: 1893, 2565
 ETHNIC GROUPS: 815, 4288, 4705
 ETHYL ETHERS: 794, 2108, 2304, 4109, 4802, 5011
 ETHYLAMINES: 4261, 4266
 ETHYLENE: 635, 3678
 ETHYLENE OXIDE: 3491
 ETHYLENEDIAMINES: 450, 4229
 ETHYLESTRENOL: 4191
 ETHYLMALDEIMIDE: 1114, 1324, 1533, 2472, 2600, 4513
 ETHYNOLOL DIACETATE: 261, 320, 536, 3413, 4296, 4428, 4471, 4497, 5041
 ETIOCHOLANOLONE: 1334, 1703, 2192
 EUGLENA GRACILIS: 815
 EUNUCHISM: 119, 699, 4910
 EUPHORIA: 1801
 EUROPE: 1079, 2828, 3339, 4705
 EUROPIUM: 177, 1194, 2959
 EVALUATION STUDIES: 68, 182, 231, 284, 318, 321, 359, 394, 401, 410, 425, 447, 548, 598, 641, 667, 683, 785, 789, 851, 881, 952, 968, 989, 1028, 1088, 1091, 1218, 1228, 1265, 1271, 1305, 1337-1338, 1380, 1428, 1503, 1508, 1672, 1713, 1717-1718, 1736, 1772, 1823, 1847, 1909-1910, 1947, 2084, 2146, 2171, 2206, 2208, 2267, 2411, 2441, 2466, 2514, 2547-2548, 2618, 2766, 2859, 2865, 2904, 2996, 3057, 3132, 3202, 3270, 3395, 3477, 3555, 3565, 3567, 3664, 3900, 3925-3926, 3968, 4113, 4124, 4244, 4288-4291, 4319, 4357, 4380, 4578, 4606, 4624, 4684, 4710, 4782, 4809, 4824, 4871, 4928, 4982
 EVOKED POTENTIALS: 80, 137, 212, 578, 899, 1166, 1209, 1276, 1409, 1684, 2239, 2431, 2785, 2869, 3050, 3581, 3981, 4010, 4065, 4159, 4774, 4946
 EVOLUTION: 554, 980, 2116, 2850, 2958, 3386, 3809, 4110, 4440, 4649
 EXANTHEMA: 3029
 EXCHANGE TRANSFUSION: 692, 1268, 2734, 4394, 4467, 4706
 EXERCISE TEST: 2387, 3594, 4722
 EXERCISE THERAPY: 1484, 5014
 EXERTION: 224, 397, 484, 489, 701, 936, 1066, 1368, 1526, 1548, 1804, 1838, 1952, 2094, 2213, 2387, 2404, 2450, 2855, 2776, 2838, 3074, 3412, 3762, 3809, 3839, 4102, 4250, 4487, 4563, 4626, 4663
 EXOCRINE GLANDS: 2585, 3909
 EXOCYTOSIS: 909, 1093, 3229, 4364

SUBJECT INDEX

EXOPHTHALMOS: 251, 975, 1096, 1151, 1681, 1893, 1987, 2098, 2396, 2468, 2565, 2824, 2721, 2805, 2886, 3235, 3880, 3913, 4024, 4061

EXOSTOSES: 4536

EXOSTOSES, MULTIPLE: 2822

EXPECTORANTS: 3012, 4280

EXPERT TESTIMONY: 188, 786, 4247

EXPLORATORY BEHAVIOR: 1106, 3155, 4198, 4886

EXTINCTION (PSYCHOLOGY): 830, 2222, 2307, 3452, 4518

EXTRACELLULAR SPACE: 108, 610, 895, 1612, 1843, 1803, 1811, 2122, 2231, 2439, 2594, 2596, 2729, 3161, 3256, 3344, 3701, 3715, 3808, 3996, 4051, 4095, 4235, 4588

EXTRACHROMOSOMAL INHERITANCE: 208, 1286, 1860, 2310, 2597

EXTRACORPOREAL CIRCULATION: 243, 1233, 1743

EXTRACTION, OBSTETRICAL: 2589

EXTRAPYRAMIDAL DISORDERS: 3057

EXTRASTYLE: 3211

EXTREMITIES: 3323, 3614, 3758

EXUDATES AND TRANSUDATES: 976, 1547, 2432, 2632, 3432, 3537, 3756, 4717

EYE: 206, 1333, 1343, 1620, 2298, 2403, 2621, 2886, 3198, 3264, 3359, 3614, 3656, 3817, 4431, 4828

EYE DISEASES: 125, 251, 424, 1827, 1945, 3880, 4031, 4125, 4614

EYE FOREIGN BODIES: 2805

EYE INJURIES: 2247

EYE MANIFESTATIONS: 863, 1284, 1706, 1827, 2330, 3035, 4031

EYE MOVEMENTS: 2900

EYE NEOPLASMS: 1318, 3324, 3458, 3832

EYE PROTEINS: 4448, 4529

EYEBROWS: 1176

EYELID DISEASES: 1346, 3434, 3857

EYELID NEOPLASMS: 1681

F

FACE: 391, 1176, 1293, 1298, 1705, 2541, 2621, 2870, 3632, 3656, 4024, 4313, 4614, 4780

FACIAL BONES: 2298

FACIAL DERMATOSIS: 1668, 2435, 3751

FACIAL MUSCLES: 962, 1176

FACIAL NERVE: 122, 873, 1166, 3445, 4712, 4902

FACIAL PARALYSIS: 122, 873, 1293, 3445, 3639, 4902

FACTOR V: 3067

FACTOR VII: 538, 1549, 2037, 2677, 3067

FACTOR VIII: 745, 920, 1549, 1720, 2017, 2794, 3067, 4252

FACTOR IX: 1549, 2794, 3067

FACTOR X: 2677, 2794, 3067

FACTOR XI: 75

FACTOR XII: 75

FACTOR XIII: 4622

FAD: 1959, 2066, 3011

FALLOPIAN TUBE NEOPLASMS: 20, 2831

FALLOPIAN TUBES: 20, 41, 698, 903, 979, 1260, 1272, 1396, 2311, 2985, 3095, 3312, 3853, 4137, 4314, 4967

FALSE NEGATIVE REACTIONS: 1428, 1514

FALSE POSITIVE REACTIONS: 974, 1428, 1630

FAMILY: 3447

FAMILY CHARACTERISTICS: 1208

FAMILY PLANNING: 26, 518, 1079, 1208, 1292, 1641, 1824, 2406, 3099, 3173, 4288

FAMILY THERAPY: 2676, 5023

FAMOUS PERSONS: 2935-2936, 3383-3384, 4073-4074

FANCONI SYNDROME: 1810, 2371

FANTASY: 3616

FASTING: 278, 397, 419, 520, 671, 1243, 1252, 1280, 1289, 1305, 1403, 1493, 1530, 1548, 1837, 1962, 2160, 2372, 3112, 3337, 3524, 4071, 4541

FATIGUE: 543, 2213, 3715, 3839

FATS: 2828

FATS, UNSATURATED: 3338

FATTY ACID DESATURASES: 3710, 4739

FATTY ACID SYNTHETASE COMPLEX: 557

FATTY ACIDS: 528, 941, 1147, 1312, 1422, 1530, 1534, 1837, 1988, 2228, 2837, 2964, 3190, 3268, 3338, 3708, 3710, 4221, 4236, 4339, 4413, 4468, 4689, 4739

FATTY ACIDS, ESSENTIAL: 71, 802, 1714

FATTY ACIDS, NONESTERIFIED: 40, 120, 219, 278, 404, 489, 557, 671, 697, 847, 1128, 1252,

1280, 1365, 1389, 1837, 2372, 2650, 2803, 2820, 2888, 2892, 2916, 2927, 2946, 3015, 3093, 3130, 3176, 3203, 3364, 3377, 3451, 3524, 3530, 3627, 3728, 3759, 3782, 3945, 4018, 4020-4021, 4071, 4102, 4129, 4143, 4291, 4342, 4445, 4666

FATTY ACIDS, UNSATURATED: 464, 528, 2205, 2507, 3470, 3663, 3710, 4257, 4739

FATTY LIVER: 2643, 2702, 2734, 4467

FATTY STREAK, ARTERIAL: 333, 3945

FEAR: 830, 3607, 3838

FEATHERS: 3787

FECAL INCONTINENCE: 4858

FECES: 85, 224, 403, 497, 532, 792, 804, 1250, 1431, 1584, 1700, 1727, 1772, 2034, 2412, 2628, 2828, 2837, 3043, 3138, 3545, 3787, 4051, 4366, 4459, 4595

FECES, IMPACTED: 732, 4485

FEEDBACK: 7, 545, 564, 701, 737, 879, 942, 1169, 1412, 1621, 1634, 2190, 2456, 2487, 2782, 2929, 3038, 3159, 3286, 3433, 3451, 3454, 3576, 3717, 4083, 4228, 4310, 4355, 4630, 4651, 4947-4948, 4978

FEEDING BEHAVIOR: 256, 286, 356, 633, 953, 1223, 1307, 1326, 1476, 1763, 1792, 2036, 2309, 2923, 2940, 3043, 3146, 3451-3452, 3549, 3864, 3884, 4191, 4346, 4541, 4699

FEMALE: 4, 8, 11, 14, 20-21, 25-26, 29-31, 33-37, 40-41, 43-45, 51-52, 55, 62, 65, 67, 70-71, 74-75, 79-80, 83-84, 86-87, 90-99, 102-107, 109, 111-114, 117, 119, 125, 128-129, 131, 133, 138, 140, 142, 147, 149, 151, 155, 167-168, 170-171, 174, 182-183, 186, 188-189, 191, 193, 199, 201, 205, 213-214, 216-219, 221-222, 226, 231, 233, 239, 241-242, 246-247, 249-252, 255-256, 259, 261, 266-267, 269, 278, 280-281, 283, 288-289, 291, 293, 296-300, 302, 307, 310, 312-313, 318, 320-322, 325, 329, 331, 336-339, 341, 345, 347, 349, 354-355, 358, 363-368, 375-377, 379-381, 384-385, 389, 391, 393, 398-399, 404-405, 407, 412-413, 415, 417-418, 420, 422, 424, 427, 429, 431, 433-436, 438-439, 445-446, 450-451, 453, 457, 459-460, 465-466, 468, 470-471, 475, 479, 488, 493-494, 497-498, 501, 505, 508, 510-511, 513-515, 520, 524, 528, 530, 536-538, 540, 542-543, 545, 547, 549, 551, 554-556, 560-561, 563, 565-569, 573-574, 577-578, 582, 584, 587-590, 592-593, 598-600, 603, 605, 607-608, 611-616, 619-622, 626-627, 629-630, 632, 634, 637-640, 646, 650, 652, 661-664, 666, 668, 670, 675-676, 678-683, 685, 687-688, 692, 694-696, 698, 700, 702, 705-706, 708, 711-713, 719-720, 726-727, 730-731, 737, 741, 743, 745, 748-750, 752-754, 756, 761-762, 766-769, 771, 773, 775, 780, 783, 785-787, 789, 792-793, 796, 805-809, 813-815, 817-818, 823-824, 829, 835-838, 840, 842-843, 845-847, 849-850, 852, 854, 858-859, 867, 869-870, 872, 874-876, 880-883, 887, 889-891, 894, 896, 899-901, 903-905, 907, 910-911, 914, 916, 920-923, 930-935, 938, 940, 943, 947-948, 953, 955-957, 964-968, 968-969, 972, 975, 979, 981, 986-987, 990-996, 1001, 1008, 1010-1011, 1013-1014, 1018-1019, 1027-1028, 1031, 1035, 1037-1039, 1041, 1043, 1045, 1048, 1050-1052, 1057-1058, 1062, 1064-1066, 1069-1071, 1073-1075, 1077-1081, 1083-1084, 1086, 1088, 1090-1091, 1094-1097, 1103-1104, 1106-1108, 1112-1115, 1117-1119, 1123, 1125, 1129-1131, 1137, 1140, 1142, 1144-1146, 1148-1149, 1151, 1153, 1158, 1159, 1162, 1164, 1166-1167, 1169-1170, 1172, 1177-1178, 1182-1184, 1187, 1196, 1198, 1201-1202, 1204-1205, 1207-1208, 1210, 1212-1213, 1215, 1218-1220, 1222, 1224-1228, 1231, 1233, 1235, 1237-1239, 1242-1244, 1248-1249, 1252-1253, 1255, 1257-1260, 1262, 1266, 1268, 1271-1272, 1275, 1277, 1280, 1282-1286, 1289-1290, 1292, 1295-1296, 1298, 1301-1302, 1306-1310, 1313-1315, 1317, 1322-1323, 1325, 1329-1335, 1337, 1339-1340, 1342, 1345, 1349-1355, 1358, 1361-1362, 1366-1368, 1372-1373, 1375, 1377-1378, 1381, 1383-1384, 1387-1388, 1392, 1396, 1398-1401, 1404-1405, 1410-1411, 1414-1415, 1417, 1422-1423, 1425, 1428-1429, 1431, 1433-1435, 1438, 1442-1445, 1448, 1450-1452, 1454-1455, 1457-1464, 1466, 1468-1469, 1471, 1473, 1475, 1477, 1480, 1483-1484, 1486, 1488, 1495-1496, 1498-1499, 1503, 1506, 1508, 1514-1519, 1525, 1528, 1531-1532, 1534-1536, 1538, 1540-1541, 1545-1546, 1548-1550, 1552, 1556, 1563-1564, 1568, 1570-1571, 1573-1577, 1580-1581, 1585-1588, 1591-1594, 1597, 1600-1602, 1604-1605, 1607, 1612, 1616, 1618-1620, 1623-1625, 1627, 1633-1636, 1639-1643, 1645, 1647-1648, 1650-1652, 1654-1655, 1657, 1659-1661, 1663-1666, 1668-1670, 1677, 1679, 1682, 1684-1686, 1692, 1696,

1702-1703, 1705-1706, 1708, 1710-1711, 1713-1714, 1717-1718, 1720, 1723, 1725, 1729, 1731, 1734-1735, 1742-1745, 1747, 1750-1754, 1768-1772, 1774, 1777-1778, 1783, 1786, 1790, 1792-1793, 1796-1797, 1799, 1801, 1803, 1805-1807, 1809, 1812, 1819, 1822, 1824, 1832, 1835, 1842-1847, 1851, 1853-1854, 1856, 1864, 1866, 1870, 1875-1876, 1878-1879, 1882-1883, 1885-1893, 1896, 1898-1901, 1909-1910, 1912, 1914, 1918, 1921, 1923-1924, 1927-1932, 1935, 1937-1938, 1941-1942, 1946, 1948-1951, 1953-1954, 1961, 1963, 1967, 1969-1970, 1976-1977, 1979, 1981, 1984, 1986-1987, 1992, 1995-1996, 2002, 2004, 2009, 2012, 2014-2015, 2021, 2023, 2025, 2032, 2036, 2038, 2041-2042, 2046, 2053, 2058, 2063, 2065, 2079-2080, 2082, 2084, 2086, 2088-2089, 2091-2093, 2095-2096, 2099-2102, 2105, 2106-2109, 2113, 2115-2118, 2120-2121, 2124-2129, 2132-2133, 2138, 2141-2142, 2145, 2149-2152, 2156-2157, 2160, 2162-2163, 2165, 2171, 2175, 2177-2181, 2183, 2186, 2189, 2192-2194, 2196, 2199, 2203, 2210, 2214, 2227-2228, 2230, 2233-2234, 2236-2238, 2240-2243, 2245-2246, 2248-2252, 2257-2259, 2261, 2263, 2265, 2267, 2269-2272, 2275-2279, 2281, 2285-2286, 2288, 2292-2293, 2296-2301, 2306, 2308, 2310-2311, 2315, 2321, 2323, 2326, 2328, 2334, 2336-2338, 2343-2344, 2346-2347, 2352-2354, 2356, 2360, 2362-2363, 2367, 2372, 2377, 2381-2382, 2384, 2386-2387, 2391-2392, 2394-2395, 2397-2399, 2401, 2405-2406, 2409, 2411, 2413, 2416, 2419, 2424, 2432, 2435-2436, 2438, 2441-2442, 2445-2446, 2449, 2453, 2456-2458, 2460-2461, 2464, 2466, 2473, 2475-2477, 2481-2482, 2485, 2487, 2489, 2491-2494, 2502, 2507-2508, 2510, 2512, 2514-2516, 2521-2522, 2524-2529, 2531, 2535-2540, 2545, 2552, 2558, 2559, 2561-2563, 2565, 2567, 2569, 2571, 2574-2576, 2578-2580, 2582-2583, 2586, 2589, 2591, 2595, 2597-2598, 2601-2603, 2607-2609, 2611, 2614, 2616, 2618-2619, 2624-2625, 2627, 2631-2632, 2634, 2636, 2638, 2640-2642, 2646, 2651, 2656-2659, 2661, 2665, 2667, 2669, 2671-2672, 2677-2678, 2681-2686, 2688-2689, 2693, 2695, 2699-2701, 2704, 2706, 2709-2710, 2712-2713, 2715-2716, 2719, 2721, 2723, 2726-2727, 2729-2730, 2734, 2736-2739, 2745-2747, 2749-2753, 2755-2756, 2760, 2762, 2764, 2772, 2776, 2778, 2779, 2782-2786, 2789, 2791-2792, 2794, 2796, 2798, 2801, 2807-2808, 2812, 2814-2816, 2818, 2822, 2825-2826, 2829-2831, 2833, 2835-2836, 2838, 2840, 2845-2846, 2851-2853, 2855-2856, 2858-2859, 2861-2862, 2865-2868, 2870-2871, 2873-2876, 2882-2884, 2886, 2888-2890, 2893, 2897-2900, 2904, 2906-2907, 2909-2911, 2914-2918, 2924, 2927, 2929, 2932, 2935-2936, 2938, 2942, 2946, 2950, 2957, 2961-2962, 2970-2971, 2975, 2977-2978, 2985, 2988-2989, 2994, 2998-3001, 3005-3008, 3010, 3016, 3019-3022, 3025, 3033, 3039-3042, 3045-3046, 3049, 3052-3053, 3057-3058, 3060-3068, 3071, 3072, 3076-3078, 3081-3082, 3087, 3093-3096, 3098-3099, 3107-3111, 3113, 3116-3117, 3119, 3123, 3128, 3133-3134, 3136-3137, 3139-3140, 3145, 3153, 3155-3156, 3158, 3162-3165, 3168, 3171-3173, 3175, 3177-3178, 3180, 3186, 3198, 3199-3204, 3206-3208, 3210-3214, 3216, 3223, 3226-3227, 3232-3234, 3243-3245, 3247, 3250, 3253, 3255, 3258-3260, 3263, 3268-3270, 3275, 3277, 3279, 3282, 3284, 3287-3291, 3294-3296, 3298, 3301, 3307-3309, 3311-3312, 3314, 3316-3318, 3320, 3322, 3325, 3329, 3331, 3334, 3336, 3339-3340, 3343, 3345-3346, 3355-3359, 3361-3370, 3372-3373, 3376, 3379-3381, 3383-3384, 3386-3388, 3391, 3393, 3396, 3401, 3406, 3412-3415, 3424, 3432, 3434, 3437, 3439, 3442, 3444-3445, 3447, 3450, 3454, 3457-3459, 3461, 3464-3465, 3467, 3469, 3471, 3477-3478, 3482, 3484, 3487, 3489-3490, 3495-3496, 3504-3505, 3507, 3511, 3514-3515, 3526-3527, 3530-3531, 3535, 3537-3538, 3541-3544, 3547, 3549, 3551-3552, 3554, 3567-3568, 3574-3575, 3577, 3580, 3582-3583, 3589-3591, 3593, 3595, 3600, 3602-3604, 3607-3608, 3612, 3614, 3617-3618, 3622-3625, 3627, 3630-3633, 3635, 3637-3639, 3642, 3644-3647, 3651, 3655-3658, 3661-3664, 3667, 3669-3675, 3679-3680, 3682, 3684, 3689, 3691, 3693-3695, 3699-3700, 3703, 3705-3707, 3709-3714, 3718, 3720, 3722-3724, 3728, 3729-3729, 3732-3733, 3735, 3739, 3742-3743, 3748-3747, 3749-3751, 3755, 3759-3761, 3763, 3766, 3771, 3773, 3776, 3778, 3782, 3784, 3786-3787, 3789-3790, 3793-3794, 3799-3802, 3804-3808, 3811-3812, 3814-3816, 3818, 3821, 3825, 3828, 3830, 3832-3834, 3837, 3840-3841, 3849-3857, 3860, 3864-3865, 3868, 3870, 3877-3881, 3884-3889, 3892-3893, 3895-3896, 3898-3903, 3908, 3911, 3915, 3920, 3925, 3928,

SUBJECT INDEX

- 3932-3935, 3941, 3943-3944, 3948, 3952, 3956-3957, 3959, 3962, 3964, 3966, 3971, 3973-3974, 3978, 3980, 3982, 3984-3985, 3987, 3989, 3991-3992, 3995, 4006, 4008-4009, 4011, 4013, 4017, 4019-4020, 4022-4023, 4026-4029, 4033, 4045, 4047, 4053, 4059, 4061, 4065-4066, 4069, 4071, 4073, 4074, 4081, 4086, 4088, 4091-4092, 4094, 4098-4101, 4104-4106, 4109, 4113-4116, 4120-4125, 4127, 4132-4133, 4135, 4137-4140, 4143, 4157, 4163, 4167, 4169-4170, 4173, 4177, 4182-4184, 4186-4187, 4189, 4192, 4195, 4197-4198, 4200-4201, 4204-4206, 4208, 4212, 4217, 4219, 4221-4224, 4226, 4229, 4232-4235, 4237-4238, 4240, 4243, 4247-4248, 4252-4253, 4256, 4258, 4261-4262, 4264-4265, 4268, 4272-4273, 4275, 4279-4280, 4283-4284, 4288, 4291-4292, 4296, 4298-4300, 4311, 4313-4315, 4317, 4319-4320, 4325, 4329-4332, 4336, 4341-4343, 4346, 4349, 4352, 4356, 4359-4360, 4362, 4367, 4370-4371, 4374, 4380-4382, 4386, 4388, 4392-4393, 4396, 4401-4407, 4413, 4415, 4419, 4423, 4426, 4429, 4431-4433, 4435, 4437-4440, 4445, 4447, 4451, 4453-4458, 4460, 4462, 4467-4468, 4470-4471, 4473, 4477, 4480, 4488-4489, 4493-4495, 4497, 4499-4500, 4503-4504, 4509, 4515, 4519-4520, 4522-4527, 4530, 4534, 4538, 4538, 4542, 4544, 4546-4547, 4550, 4553, 4555-4556, 4560, 4565, 4567, 4570, 4577-4578, 4580, 4587, 4589, 4591, 4594, 4596, 4600, 4602-4604, 4606, 4612, 4614, 4617, 4629, 4633, 4636, 4646, 4650-4653, 4655, 4657-4658, 4660, 4662-4663, 4666-4669, 4671-4676, 4678, 4681, 4683, 4687, 4693, 4696, 4698-4701, 4704-4705, 4707, 4712, 4714, 4717-4719, 4721-4723, 4725, 4730, 4733, 4736, 4740-4742, 4746-4748, 4753, 4757-4759, 4762, 4764, 4766, 4768-4769, 4772, 4776-4777, 4782-4784, 4787-4788, 4794, 4796, 4801-4804, 4812, 4815-4816, 4819-4824, 4826, 4828-4835, 4839-4840, 4843-4844, 4849-4850, 4852, 4855, 4865, 4870, 4874, 4876-4877, 4882, 4884-4885, 4895, 4899-4900, 4904-4905, 4909, 4911-4912, 4914-4919, 4922, 4924, 4927, 4930-4932, 4939, 4941-4942, 4944, 4946-4947, 4950-4953, 4961-4962, 4964-4966, 4971-4973, 4975-4976, 4980-4981, 4987-4991, 4994-4996, 4998, 5000-5003, 5005-5006, 5011-5013, 5015-5016, 5018-5020, 5022-5023, 5026, 5028, 5030, 5032, 5034-5035, 5038-5039, 5041, 5047-5049, 5055, 5057-5058, FEMINIZATION: 850, 2029, 3108, 4656 FEMORAL ARTERY: 99, 1724, 1836, 1890, 2094, 3228 FEMORAL FRACTURES: 62, 1187, 1213, 4273 FEMORAL NECK FRACTURES: 3, 4273, 4393, 4996 FEMORAL NEOPLASMS: 385, 1187, 1314, 2913, 3478 FEMORAL NERVE: 1273 FEMORAL VEIN: 512 FEMUR: 932, 934-936, 1187, 1190, 1251, 1254, 1296, 1314, 1791, 2498, 3194, 3269, 3284, 3334, 3346, 3698, 3746, 3832, 3861, 4188, 4234, 4367, 4565, 4780 FEMUR HEAD: 311, 640, 4332 FEMUR HEAD NECROSIS: 1143, 4565, 4997 FEMUR NECK: 931, 933-936 FERMENTATION: 1962, 4625 FERREDOXINS: 1513, 4146, 4463, 4848-4849 FERRICYANIDES: 2618, 3563, 3644 FERRITIN: 266, 983, 1424, 3765 FERTILITY: 37, 427, 459, 622, 720, 1041, 1292, 1698, 1799, 2246, 2782, 2825, 3173, 3393, 3496, 3646, 4029, 4088, 4382, 4965 FERTILITY AGENTS: 2829, 5010 FERTILIZATION: 208, 256, 972, 1041, 1094, 1239, 1454, 1750, 1824, 2310, 2739, 3171, 3277, 3469, 3778, 4105, 4644, 4933, 4944, 4973 FERTILIZERS: 4808 FETAL DEATH: 261, 588, 607, 612-613, 621, 768, 1041, 1462, 2563, 2575, 3087, 3317, 3593, 3812, 4283, 4612, 4626 FETAL DISEASES: 376, 607, 621, 780, 1078, 1286, 1350, 1352, 1573, 1580, 1771, 1941, 1951, 2193, 2445, 2502, 2516, 2563, 2646, 2889, 4033, 4437, 4612, 4852, 4975 FETAL GLOBULINS: 171, 1170, 1468, 1592, 2318, 3329, 3852, 3903, 4099, 4633 FETAL HEART: 2132, 3840, 4612, 4975 FETAL HEMOGLOBIN: 1970 FETAL MEMBRANES: 211, 608, 3886, 4028 FETUS: 14, 57, 156, 189, 214, 263, 278, 404, 558, 588, 668, 731, 905, 1052, 1084, 1252, 1458, 1521, 1771, 1901, 1928, 1973-1974, 2082, 2292, 2315, 2323, 2502, 2524, 2563, 2709, 2808, 2818, 2889, 2920, 2977, 3063, 3162, 3243, 3284, 3329, 3432, 3586, 3840, 3850, 3865-3866, 4065, 4135, 4189, 4212, 4233, 4237, 4242, 4275, 4349, 4405, 4433, 4437, 4460, 4510, 4612, 4629, 4850, 4919, 4951, 4953, 5028, 5034, 5047 FEVER: 1035, 1153, 1412, 1676, 1746, 2188, 2526, 2558, 2643, 2862, 3668, 3851, 4043, 4309, 4648 FIBRIN: 156, 246, 1202, 1491, 1720, 1953, 2474, 2966, 3280, 4231, 4622 FIBRINOGEN: 156, 905, 745, 1171, 1548-1549, 1559, 1720, 1743, 1870, 1953, 2474, 2543, 2708, 3280, 3568, 4231, 4622, 4764 FIBRINOLYSIS: 800, 1613, 2474, 2663, 3067 FIBRINOLYTIC AGENTS: 623, 800, 1342, 2675 FIBROBLASTS: 2, 274, 323, 479, 549, 892, 1295, 1603, 1900, 2135, 2271, 2604, 2968, 3046, 3056, 3351, 3411, 3460, 3529, 3548, 3559, 3737-3738, 4023, 4046, 4233, 4355, 4439, 4745, 4967 FIBROMA: 1260, 3487 FIBROSARCOMA: 253, 1295, 2740 FIBROUS DYSPLASIA OF BONE: 854, 1661, 2098, 3559 FIBULA: 3216, 4839 FILARIASIS: 620 FILARIOIDEA: 620 FILTRATION: 3906, 3947 FINANCING, PERSONAL: 518 FINGER JOINT: 167-168, 3675, 4329, 4617, 5057 FINGERS: 415, 854, 1146, 1398, 1879, 2822, 2932, 3956, 4024, 4817, 4780, 4865 FINLAND: 62, 2189, 3833 FISHES: 177, 207, 314, 420, 501, 554, 728, 821, 1031, 1077, 1359, 1604, 1719, 1817, 2511, 2513, 2703, 3064, 3447, 3802, 3893, 4004, 4197, 4267, 4441, 4504, 4572, 4624, 4713, 4884 FISHES, POISONOUS: 750 FISTULA: 630, 990, 1282 FLAVOBACTERIUM: 2454 FLAVONES: 2189 FLAVOPROTEINS: 1155 FLEAS: 953 FLIGHT, ANIMAL: 1693-1694, 2921 FLOWMETERS: 99, 3325, 3461 FLUCYTOSINE: 2696 FLUDROCORTISONE: 158, 1700, 3337 FLUFENAMIC ACID: 1053, 3897, 4595 FLUMETHASONE: 670, 4790 FLUOCINOLONE ACETONIDE: 765, 1146, 2155, 2279, 2813, 3658, 5036 FLUORENES: 69, 2051, 2651 FLUORESCENCE: 866, 1419, 1628, 1884, 1905, 4328, 4439, 4618, 4636 FLUORESCENCE ANGIOGRAPHY: 154, 4125, 4480 FLUORESCENT ANTIBODY TECHNIC: 60, 228, 343, 370, 395, 787, 868, 967, 1010, 1043, 1236, 1590, 1884, 1905, 1987, 2324, 2887, 2925, 3160, 3258, 3335, 3443, 3446, 3510, 3744, 4075, 4253, 4374, 4378, 4749, 4823, 4962 FLUORESCENT DYES: 133, 503, 2402, 4367 FLUORIDATION: 1081, 3005, 3021-3022, 4917 FLUORIDE POISONING: 2237, 4523 FLUORIDES: 357, 466, 490, 854, 1014, 1034, 1490, 1712, 2134, 2146, 2461, 2678, 2719, 2777, 2982, 3021-3022, 3051, 3169, 3579, 3756-3757, 3855, 4175, 4201, 4341, 4351, 4385, 4491, 4724, 4752, 4932 FLUORINE: 77, 1080, 2894, 3059, 4207, 4827 FLUOROACETATES: 1510 FLUORODEOXYURIDINE: 494, 1219, 1851, 3381 FLUOROTHIOLOLE: 1978, 3090 FLUOROMETRY: 120, 217, 473, 734, 890, 1126, 1191, 1556, 2005, 2226, 2369, 2639, 2751, 3075, 3198, 3219, 3694, 4572 FLUOROURACIL: 222, 1156, 1171, 2175, 2685, 3090, 3162, 3436, 3657, 4094, 4380 FLUXYMESTERONE: 593, 3078, 3898 FLUPHENAZINE: 797, 3440 FLURAZEPAM: 1697 FMN: 1959, 2066 FOLIC ACID: 160, 815, 1322, 2318, 2681, 2907, 3780, 4777, 5041 FOLIC ACID DEFICIENCY: 268, 815, 846, 1322, 4573, 4777, 4806 FOLKLORE: 870, 3977 FOLLOW-UP STUDIES: 21, 90, 147, 270, 321, 331, 383, 435, 478, 491, 598, 643, 775, 838, 931-933, 990, 1043, 1058, 1072, 1091, 1109, 1197, 1300, 1358, 1551, 1567-1568, 1718, 1766, 1871, 1893, 1986, 2106, 2155, 2160, 2246, 2265, 2297, 2363, 2379, 2581, 2706, 2765, 2851-2852, 2870-2871, 2971, 3039, 3124, 3305, 3465, 3577, 3804, 4343, 4393, 4414, 4696, 4783, 4834, 4969 FOOD: 397, 656, 3539, 3549, 4026 FOOD ADDITIVES: 1181, 1534, 4713 FOOD ANALYSIS: 1772, 2901, 3870 FOOD CONTAMINATION: 2114 FOOD CONTAMINATION, RADIOACTIVE: 2905 FOOD DEPRIVATION: 656-657, 976, 1792, 2849, 2911, 3433, 3451-3452, 3849, 4779 FOOD HABITS: 2881 FOOD HANDLING: 2114 FOOD PREFERENCES: 4934 FOOD PRESERVATION: 2114, 3518 FOOT: 640, 2395, 2436, 2772, 3552, 3656, 4489, 4904 FOOT DEFORMITIES, ACQUIRED: 3746 FOOT DERMATOSES: 1040, 2636 FOOT DISEASES: 2620 FOREARM: 805, 1280 FOREIGN BODIES: 329, 1961 FOREIGN BODY REACTION: 2232 FORELIMB: 4059, 4171 FORENSIC MEDICINE: 133, 188, 239, 1090, 1165, 2286, 3249, 4037, 4344 FORMALDEHYDE: 1394, 1658, 2005, 2618, 3246, 3644, 3871, 4269, 4505 FORMATES: 3493 FORMIC ACIDS: 531, 2725, 3510 FORMOCRESOLS: 4289 FOURIER ANALYSIS: 2959, 4756 FOXES: 289 FRACTURE FIXATION: 2395 FRACTURE FIXATION, INTRAMEDULLARY: 1111 FRACTURES: 1111, 1225, 1810, 1818, 2395, 2506, 3521, 3716, 4060, 4188, 4639, 4904 FRACTURES, SPONTANEOUS: 62, 727, 2395, 4996 FRACTURES, UNUNITED: 1187 FREE RADICALS: 672, 1688, 2290, 3048, 4697 FREEMARTINISM: 420 FREEZE DRYING: 1285, 1620, 1729, 2153, 2255, 2618, 3284, 3510, 3644, 3828, 4506 FREEZE ETCHING: 2462 FREEZING: 900, 1041, 1158, 2148, 2398, 2471, 2865, 4136, 4284, 4293 FRESH WATER: 669, 1928, 3447, 3602 FREUND'S ADJUVANT: 303, 1454, 1678, 2279, 2590, 3160, 4786 FRIEDREICH'S ATAXIA: 2530 FROELICH'S SYNDROME: 3746 FROGS: 178, 355, 654, 665, 752, 755, 819, 919, 1031, 1386, 1593, 1775, 2669-2670, 2797, 3088, 3482, 3492, 3516, 3541, 3601, 3769, 3943, 4018, 4110, 4624, 4992 FRONTAL BONE: 578, 1893 FRONTAL LOBE: 1689, 2239, 4103, 4169 FRONTAL SINUS: 1893 FRUCTOSE: 278, 557, 1198, 1964, 2188, 2436, 2739, 2744, 2952, 3380 FRUCTOSEPHOSPHATES: 1632, 2429, 2872, 3064, 3252, 4575 FRUIT: 85, 4934 FRUSTRATION: 2649, 4010 FSH: 21, 51, 82, 111, 117, 119, 138-139, 300, 322, 348, 358, 428, 439, 453, 513-514, 545, 568, 578, 614, 618, 646, 782, 823, 829, 846, 872, 879, 887, 939, 970, 995, 1001, 1011, 1046, 1094, 1169, 1354-1355, 1405, 1426, 1564, 1576, 1585, 1633-1634, 1873, 1954-1955, 1963-1965, 1991, 2009, 2042-2043, 2048, 2134, 2139, 2191, 2242, 2278, 2294, 2490, 2552, 2554, 2609, 2755-2757, 2762, 2828-2827, 2929, 2936, 2969, 2966, 3139, 3149-3150, 3152, 3234, 3255, 3293-3294, 3379, 3454, 3457, 3473, 3497, 3522, 3669, 3693, 3721-3722, 3747, 3834-3835, 3890, 3920, 3939, 4004, 4011, 4013, 4092, 4100, 4138, 4165-4166, 4310, 4335, 4525, 4564, 4616, 4630, 4635, 4651, 4737-4738, 4851, 4947-4948, 4969, 4978 FUCOSE: 444, 789, 1516, 2480, 2552, 2645, 3519 FUMARATE HYDRATASE: 2055, 4901 FUMARATES: 2513, 4484 FUNDUS OCULI: 1786, 1986, 4125 FUNGAL PROTEINS: 1897 FUNGI: 1631 FURANS: 1067, 1764, 2193 FUROSEMIDE: 198, 1136, 1199, 1294, 1449, 1820, 1890, 2054, 2510, 2594, 3167, 3869 FUSARIUM: 2114, 4326

SUBJECT INDEX

FUTUROLOGY: 3110

G

GADOLINIUM: 1194, 2959
 GAIT: 945, 1298, 4313
 GALACTOSAMINE: 789, 1670, 2902, 4111
 GALACTOSAMINIDASE: 4036
 GALACTOSE: 101, 444, 789, 1027, 1516, 2318, 2552, 2645, 2811, 3200, 3380, 4623, 4933
 GALACTOSIDASE: 159, 371, 549, 1920, 2495, 3048, 3200, 3511, 4036, 4623, 4778
 GALLAMINE TRIETHIODIDE: 1836
 GALLBLADDER: 103, 3942, 4323
 GALLBLADDER DISEASES: 930
 GALLIUM: 989, 1080, 2210, 2721
 GAMMA GLOBULIN: 487, 1561, 1915, 2112, 2294, 2405, 2783, 2907, 3052, 3278, 3765, 4335, 4532, 4644, 4706, 4786
 GANGLIA: 308, 864, 2852, 2955, 3405, 3996
 GANGLIA, AUTONOMIC: 74, 596, 1273, 1370-1371, 2071, 2352, 3020, 3459, 3485, 4178, 4628, 4773, 4807
 GANGLIA, BASAL: 844, 1504, 1545, 1922, 4369, 4867
 GANGLIA, SPINAL: 602, 1371, 2690, 2720, 3351, 4750
 GANGLIONEUROMA: 1308
 GANGLIONIC BLOCKADERS: 3179, 3563
 GANGLIOSIDES: 3691, 4453, 4894
 GANGRENE: 332, 2764, 4743
 BASES: 4277
 GASTRECTOMY: 147, 727, 2363, 2520, 3125, 4806
 GASTRIC ACIDITY DETERMINATION: 587, 2393, 4374, 4451, 4561
 GASTRIC JUICE: 232, 483, 587, 673-674, 789, 1527, 1747, 1881, 2392-2393, 2430, 2480, 2947, 2960, 3019, 3224, 3395, 3485, 3730, 3848, 4374, 4443, 4451, 4507, 4561, 4806, 4888
 GASTRIC LAVAGE: 4095
 GASTRIC MUCOSA: 232, 1263, 1379, 1415, 1527, 1747, 2430, 2434, 2480, 2618, 2868, 3019, 3258, 3644, 3871, 3730, 3748, 3792, 3997, 4287, 4374, 4443, 4451
 GASTRIN: 147, 232, 845, 2618, 2850, 3468, 3510, 3730, 3848, 3997, 4211, 4374, 4390, 4806
 GASTRITIS: 2347, 4723, 4840
 GASTROENTERITIS: 5035
 GASTROINTESTINAL DISEASES: 856, 1049, 1864, 1761, 1772, 2263, 2497, 3057, 4753, 4793
 GASTROINTESTINAL HORMONES: 2850, 3195, 3744, 4211
 GASTROINTESTINAL MOTILITY: 377, 599, 1361, 1660, 1908, 2044, 2850, 2960, 3671, 3730
 GASTROINTESTINAL NEOPLASMS: 684, 1170, 1909, 3091
 GASTROINTESTINAL SYSTEM: 617, 817, 1250, 1287, 1662, 2628, 2839, 2960, 3509, 3730, 4164, 4211, 4490, 4744, 4821
 GASTROSCOPY: 1415
 GASTROSTOMY: 1890
 GEESE: 4504
 GEL DIFFUSION TESTS: 148, 171, 299, 608, 826, 1043, 1170, 1329, 1422, 1508, 1658, 1815, 1884, 1905, 2356, 2783, 3082, 3104, 3136, 3150, 3251, 3620, 3841, 4060, 4301, 4608, 4624, 4647, 4749, 4768, 4962
 GEL FILTRATION: 12, 148, 284, 315, 326, 338, 353, 366, 372-373, 441, 444, 531, 545, 548, 562, 592, 614, 667, 686, 742, 745-746, 826, 835, 872, 1124, 1196, 1226, 1254, 1329, 1369, 1380, 1399, 1408, 1485, 1508, 1516, 1536, 1613, 1669-1670, 1729, 1815, 1828, 1838, 1868, 1905, 1913, 1918, 1934, 1958, 1973-1974, 1981, 1998, 2002, 2028, 2173, 2206, 2218, 2230, 2255, 2284, 2294, 2322, 2544, 2552, 2564, 2607, 2646, 2663-2664, 2668, 2691, 2737, 2742, 2809, 2846, 2877, 2879, 2993, 3127, 3202, 3205, 3225, 3267, 3326, 3329, 3332, 3344, 3400-3401, 3473, 3732, 3748, 3841, 3852, 3924, 3950, 3998, 4068, 4075-4076, 4089, 4109, 4140, 4166, 4202, 4221, 4230, 4328, 4432, 4438, 4453, 4463, 4496, 4591, 4645, 4647, 4880, 4755, 4809, 4848, 4881, 4906, 4909, 4914, 4964
 GELATIN: 509, 730, 2277
 GELS: 2279, 3924, 4215, 4609, 4666, 4913, 5036
 GENE FREQUENCY: 2597, 2746, 3035, 3638, 4989
 GENERAL PRACTICE: 491, 516, 2625, 4360
 GENES: 448, 791, 892, 1448, 1467, 1480, 1646, 1800, 1830, 2162, 2491, 2574, 2604, 2616, 2768,

3089, 3171, 3444, 3493, 3918, 3983, 4282, 4474, 4930, 4941
 GENES, DOMINANT: 245, 375, 464, 666, 1339, 1686, 3035, 3320, 3522, 3985
 GENES, LETHAL: 1113, 1413, 2616, 3277, 3320, 3614, 3664, 3793, 3985, 4170, 4397, 4711, 4816, 4918
 GENES, RECESSIVE: 1113, 1413, 1686, 2310, 2616, 3320, 3614, 3758, 3985, 4214, 4663, 4711, 4816
 GENES, REGULATOR: 791, 2162, 2483, 2574, 3386
 GENES, STRUCTURAL: 2162, 2574
 GENES, SUPPRESSOR: 1113, 2574, 4767
 GENETIC CODE: 1480, 1837, 2162, 4816
 GENETIC COMPLEMENTATION TEST: 179, 211, 2162, 3983
 GENETIC COUNSELING: 1886, 1766, 2406, 3035
 GENETIC INTERVENTION: 3171
 GENETICS: 3805, 4105, 4351, 5044
 GENETICS, BEHAVIORAL: 4072
 GENETICS, BIOCHEMICAL: 791, 1222, 1353, 1565, 2206, 2483, 3171
 GENETICS, HUMAN: 1480
 GENETICS, MICROBIAL: 2483
 GENETICS, POPULATION: 828, 2406, 2861, 3638, 3779
 GENICULATE BODIES: 380, 1775, 3096, 4709
 GENITAL DISEASES, MALE: 967, 3894
 GENITALIA: 336, 694, 1627, 2360, 2386, 2914, 4490
 GENITALIA, FEMALE: 323, 694, 1048, 1260, 1285, 2391, 2489, 2627, 3153, 4314, 4360, 4401, 4504
 GENITALIA, MALE: 14, 237, 446, 495, 694, 757, 967, 1132, 2219, 2390, 3246, 4024, 4160, 4382, 4492, 4953, 4987
 GENOTYPE: 208, 245, 892, 920, 968, 1413, 1445, 1480, 1565, 1729, 1786, 1817, 2162, 2283, 2310, 2406, 2540, 2631, 2773, 2788, 2899, 2922, 3166, 3263, 3277, 3664, 3778, 3803, 4135, 4474, 4498, 4522, 4674, 4973, 4989
 GENTAMICIN: 611, 2636, 2963, 3857, 3861
 GERBILS: 408, 620, 702, 3424
 GERIATRICS: 2984, 4164
 GERM CELLS: 1565, 3097, 3281, 3547, 4711
 GERM-FREE LIFE: 149, 615, 802, 4340
 GERM LAYERS: 1765, 2988
 GERMANY, EAST: 2347, 2406, 3729, 4033
 GERMANY, WEST: 1090, 2197, 2330, 2725, 3782
 GESTATIONAL AGE: 14, 57, 278, 280, 341, 384, 404, 434, 566, 588, 600, 668, 689, 705, 731, 780, 875, 994, 1039, 1097, 1106, 1118, 1231, 1350, 1358, 1458, 1473, 1538, 1574, 1714, 1771, 1832, 1844, 1927, 1973-1974, 2082, 2150, 2179, 2186, 2315, 2390, 2406, 2502, 2524, 2535, 2563, 2619, 2647, 2756, 2889, 3237, 3308, 3316, 3568, 3691, 3866, 4006, 4028, 4033, 4065, 4127, 4233, 4237, 4258, 4283, 4349, 4405, 4433, 4439, 4510, 4612, 4850, 5047
 GHANA: 3309, 4502
 GIANT CELL TUMORS: 1893, 2735
 GIGANTISM: 1224, 4012, 4924
 GILLES DE LA TOURETTE'S DISEASE: 2128
 GILLS: 728, 1077, 3533
 GINGIVAL HYPERPLASIA: 4488
 GIZZARD: 720
 GLASS: 133, 1316, 1938, 2615, 2769, 3756, 4340, 4765
 GLAUCOMA: 251, 777, 1528, 1827, 1945, 2396, 2686, 3783, 3856
 GLIBENCLAMIDE: 3364, 3683
 GLOBULASTOMA MULTIFORME: 64, 481, 2972
 GLOMA: 481, 776, 898, 1157, 2252, 3312, 4480, 5040
 GLOSIS: 3847
 GLOBULINS: 3902, 4636
 GLOBUS PALLIDUS: 977, 4732, 4867
 GLOMERULAR FILTRATION RATE: 73, 131, 361, 681, 882, 954, 1030, 1136, 1282, 1411, 1449, 1810-1811, 1826, 2044, 2057, 2371, 2440, 2612, 2982, 3347, 3370, 3660, 3683, 3766, 3854, 4051, 4071, 4095, 4176, 4702
 GLOMERULONEPHRITIS: 431, 779, 854, 868, 1584, 1733, 1811, 1914, 2059, 2197, 2700, 2706, 2990, 3167, 3392, 3854, 3902, 4588, 4654, 4783
 GLOSSITIS: 268
 GLOVES, SURGICAL: 4650
 GLUCAGON: 107, 126, 147, 397, 404, 466, 490, 671, 697, 960, 1023, 1025, 1116, 1289, 1310, 1368, 1493, 1712, 1776, 1837, 1882, 1972, 1979, 2104, 2131, 2271, 2365, 2500, 2562, 2646-2647, 2650, 2686, 2732, 2760, 2824, 3051, 3055, 3185, 3195, 3257, 3337-3338, 3374, 3466, 3484, 3510, 3578,

3615, 3620, 3730, 3756, 3968, 4071, 4091, 4211, 4236, 4291, 4383, 4491, 4626, 4788, 4798, 4903, 5043
 GLUCOCORTICOIDS: 49, 95, 102, 140, 237, 321, 472, 514-515, 770, 806-807, 1009, 1039, 1052, 1128, 1140, 1166, 1294, 1316, 1368, 1492, 1603, 1606, 1618, 1978, 2089, 2260, 2291, 2387, 2424, 2459, 2553, 2588, 2613, 2697, 2734, 2793, 2795, 2836, 2851, 2962, 3037, 3054, 3124, 3146, 3197-3198, 3274, 3339, 3360, 3362-3363, 3436, 3460, 3492, 3632, 3636, 3714, 3774, 3781, 3825, 3844, 4046, 4069, 4191, 4400, 4417, 4425, 4558, 4649, 4681, 4712, 4805, 4889, 4910, 4952
 GLUCOCORTICOIDS, TOPICAL: 567, 1288, 1373, 1563, 1666, 1921, 2695, 2768, 2918, 2926, 3750, 4790, 5036
 GLUCOKINASE: 2429, 4883
 GLUCONATES: 544, 963, 1142, 2691, 3145, 3291, 4264
 GLUCONEOGENESIS: 1138, 1252, 1389, 1831, 1924, 3055, 3064, 4219, 5043
 GLUCOSAMINE: 444, 789, 1180, 1670, 2552, 2645, 2666, 3971, 4756
 GLUCOSAMINIDASE: 549, 2192, 2470, 4036, 4404, 4580
 GLUCOSE: 30, 97, 281, 324, 356, 371, 419, 469, 542, 544, 557, 653, 697, 720, 791, 847, 912, 957, 1022, 1138, 1198, 1252, 1321, 1344, 1368, 1493, 1516, 1527, 1815, 1832, 1640, 1659, 1780, 1924, 2104, 2228, 2251, 2500, 2513, 2650, 2697, 2734, 2744, 2881, 2943, 3037, 3047, 3064, 3093, 3203, 3237, 3367, 3451, 3489-3490, 3526, 3577, 3592, 3621, 3634, 3686, 3897, 3905, 3930, 4021, 4042, 4064, 4104, 4119, 4150, 4235, 4320, 4364, 4424, 4541, 4573, 4623, 4626, 4692, 4729, 4778-4779, 4788, 4827, 4855, 4883, 4919, 4965
 GLUCOSE OXIDASE: 2543, 2884, 3344
 GLUCOSE TOLERANCE TEST: 107, 281, 957, 1047, 1140, 1243, 1493, 1553, 1753, 2160, 2730, 2828, 2876, 2887, 2892, 2906, 2984, 3037, 3288, 3364, 3598, 3689, 3759, 3810, 3837, 3965, 3973, 4020, 4071, 4104, 4129, 4243, 4445, 5041
 GLUCOSEPHOSPHATASE: 238, 2429, 3242, 4065
 GLUCOSEPHOSPHATE DEHYDROGENASE: 30, 234, 245, 280, 892, 904, 944, 1266-1267, 1464, 1673, 2812, 2967, 3064, 3242, 3363, 3366, 3431, 3511, 3943, 4168, 4199, 4637, 4898
 GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY: 2491, 2773, 4573
 GLUCOSEPHOSPHATES: 204, 335, 2812
 GLUCOSIDASE: 1179
 GLUCOSYLTRANSFERASES: 1027, 2366, 2525, 3055
 GLUCURONATES: 447, 452, 528, 672, 992, 1898, 2314, 2525, 3119, 3428, 4111, 4643
 GLUCURONIDASE: 447, 467, 549, 746, 754, 2017-2020, 2051, 2470, 2525, 3162, 3948, 4036, 4183, 4321, 4404, 4444, 4755
 GLUTAMATE DEHYDROGENASE: 30, 3431
 GLUTAMATES: 353, 525, 1264, 1572, 1687, 1764, 1821, 2062, 2169, 2251, 2477, 2797, 2957, 3210, 3489-3490, 4084, 4105, 4153, 4255, 4294, 4363, 4539, 4580, 4642, 4777
 GLUTAMINASE: 915, 4919
 GLUTAMINE: 1321, 1687, 1918, 3489-3490, 3641
 GLUTAMINE SYNTHETASE: 2463, 3988, 4529, 4919
 GLUTAMYL TRANSPEPTIDASE: 1249, 1581, 2145, 4182, 4596
 GLUTARALDEHYDE: 1234, 1897, 5011
 GLUTARATES: 855, 1116, 2028, 3257, 4326
 GLUTATHIONE: 758, 1490
 GLUTATHIONE REDUCTASE: 758, 3011
 GLUTEN: 2828, 2887
 GLUTETHIMIDE: 1092
 GLYCERIDES: 677, 1027, 3254, 3710, 4468
 GLYCERIN: 489, 544, 851, 917, 925, 1198, 1301, 1440, 1530, 1837, 1920, 2231, 2562, 2745, 2921, 2946, 3112, 3380, 3553, 3634, 3762, 3858, 3862-3863, 3878, 4018, 4021, 4062, 4176, 4291, 4354, 4371, 4623, 4778, 4827
 GLYCEROLPHOSPHATE DEHYDROGENASE: 30
 GLYCEROPHOSPHATES: 536, 1394, 1964, 3710, 3948, 4468, 4739, 4755, 4827
 GLYCERYL TRINITRATE: 3024, 3573
 GLYCINE: 353, 729, 872, 1264, 1687, 1913, 2062, 2206, 2458, 2517, 2653, 2797, 2812, 2912, 3048, 3463, 3493, 3713, 4075, 4255, 4634, 4914, 4985
 GLYCOGEN: 30, 204, 335, 998, 1158, 1234, 1275, 1924, 2168, 2404, 2485, 3064, 3303, 3524, 3592,

SUBJECT INDEX

4020, 4042, 4052, 4102, 4197, 4347, 4405, 4642,
4744, 4755, 4869, 4922
GLYCOGEN PHOSPHORYLASE: 1158, 2485, 3064,
3524, 3789
GLYCOGEN SYNTHETASE: 12, 204, 1023, 2485,
3064, 3524, 3592, 4642
GLYCOGENOSIS: 3048, 3620
GLYCOLATES: 1998, 2688
GLYCOLIPIDS: 1027, 5040
GLYCOLS: 447, 517, 635, 2776, 3878, 4324, 4391
GLYCOLYSIS: 1389, 1526, 1586, 1632, 2251, 2303,
2366, 2429, 2513, 2943, 3064, 3294, 3524, 4119,
4365, 4879
GLYCOPETIDES: 444
GLYCOPROTEINS: 95, 789, 1516, 2318, 2480, 2783,
3519, 3852, 3905, 4586, 4751, 5040
GLYCOSIDE HYDROLASES: 549, 4036, 4404
GLYCOSIDES: 371, 1179, 1789, 3157, 3897, 4424,
4482, 4933
GLYCOSURIA: 110, 1751-1752, 1955, 2870-2871,
4445, 4952
GOATS: 549, 1198, 1496, 1905, 2270, 2294, 2859,
2865, 2925, 3335, 3380, 3477, 3507, 3510, 3515,
3807, 4236, 4335, 4378, 4413, 4636, 4644
GOITER: 35-34, 92, 210, 1059, 1085, 1095, 1314,
1329, 1362, 1503, 1580, 1822, 1846, 2022, 2126,
2158, 2275, 2330, 2735, 3104, 3259, 3398,
3502-3503, 3612, 3896, 3933, 3958, 3978, 3984,
4227, 4852, 4888
GOITER, ENDEMIC: 216, 914, 1401, 1433, 1450,
1463, 1668, 2988, 4318, 4671, 4713, 4811-4812,
4961
GOITER, EXOPHTHALMIC: 22, 52, 722, 749, 947,
1072, 1228-1229, 1473, 2028, 2418, 2735, 2788,
2793, 2893, 2932, 3354, 3915, 4157, 4569, 4696,
4721, 4828, 5015
GOITER, NODULAR: 33, 413, 530, 641, 1416, 1600,
1668, 2022, 2543, 2735, 3177, 3896, 3901, 3924,
3980, 4551, 4828, 4929
GOITER, SUBSTERNAL: 368
GOLD: 125, 502, 631, 1827, 2556, 3029, 3455, 4198,
4248, 5057
GOLD ISOTOPES: 3013
GOLD THIOALATE: 4417
GOLGI APPARATUS: 388, 479, 508, 575, 669, 703,
819, 902, 909, 924, 998, 1065, 1682-1683, 2424,
2462, 2802, 2811, 2967, 3133, 3393, 3519, 3546,
3701, 3745, 3843, 4117, 4185, 4370, 4405, 4450,
4791, 4922
GONADOTROPINS: 21, 86, 458, 513, 515, 753, 824,
1097, 1604, 1955, 2009, 2092, 2097, 2191, 2242,
2386, 2670, 2756, 2873, 3109, 3233, 3278, 3415,
3461, 3590, 3837, 3899, 4169, 4218, 4464, 4616,
4635, 4787
GONADOTROPINS, CHORIONIC: 14, 188, 217, 239,
242, 281, 338, 345, 439, 453, 591, 628, 639, 762,
769, 869, 871, 951, 1114, 1227, 1252, 1428, 1454,
1489, 1508, 1570, 1573, 1633, 1833, 1883, 1927,
1981, 2053, 2074, 2107, 2149, 2187, 2236, 2278,
2362, 2416, 2536-2537, 2554, 2578, 2599, 2622,
2742, 2789, 2796, 2812, 2965, 3064, 3094, 3107,
3127, 3131, 3415, 3428, 3457, 3708-3709, 3852,
3890, 3990, 4310, 4429, 4547, 4616, 4635, 4844,
4850, 5015
GONADOTROPINS, EQUINE: 217, 1454, 1633,
2065, 2783, 2786, 2792, 3116, 3415, 3457, 3646,
3747, 4844
GONADOTROPINS, PITUITARY: 300, 322, 514,
524, 560, 829, 863, 888, 1037, 1125, 1553, 1576,
1789, 1955, 2043, 2118, 2157, 2340, 2762, 3151,
3159, 3255, 3655, 3721-3722, 3744, 3865, 3970,
4462, 4947
GONADS: 225, 322-323, 336, 654, 752, 1008, 1636,
1777, 2065, 2294, 2359, 2386, 2390-2391, 2487,
2819, 2845, 3008, 3155, 3272, 3286, 3754, 4914,
4973
GONORRHEA: 1204
GOODPASTURE'S SYNDROME: 2700, 4372
GOUT: 406, 502, 573, 1038, 1687, 2106, 2620, 2700,
3398, 4862
GRAAFIAN FOLLICLE: 205, 987, 1011, 1388, 1659,
1682, 1935, 2362, 2528, 2750, 3058, 3116, 3133,
3140, 3279, 3388, 3547, 3920, 4662, 4944
GRAFT REJECTION: 65, 248, 308, 849, 1341, 1784,
1850, 2232, 2270, 2396, 2706, 3498, 3583, 3749,
4783
GRAFT VS HOST REACTION: 72, 3583, 4201,
4846
GRAM NEGATIVE BACTERIA: 1561, 1967, 2686,
4805

GRAM POSITIVE BACTERIA: 1561
GRAMICIDINS: 4707
GRANULATION TISSUE: 2, 894, 1415, 2903, 4617,
4662, 4765
GRANULOMA: 506, 1925, 3211, 3537, 3648, 3811,
3894, 3938, 4761
GRANULOSA CELL TUMOR: 508, 2529, 3699,
4045
GRASSES: 2189, 3279
GRASSHOPPERS: 1347, 1866, 2148, 2325, 3069
GREAT BRITAIN: 518, 815, 2130, 2585, 3345,
3909, 4530, 4989
GREECE: 815, 818
GRISEOFULVIN: 3024, 4207
GROOMING: 1123, 1148, 1307, 3819
GROSS VIRUS: 2519
GROUP PROCESSES: 2985
GROWTH: 361, 711, 793, 1103, 1129, 1182, 1300,
1358, 1433, 1931, 2353, 2797, 2957, 3815, 4196,
4511, 4674, 4699, 4726, 4965, 4989, 5051
GROWTH DISORDERS: 361, 499, 583, 843, 1375,
1711, 1730, 1746, 2609-2610, 2624, 2817, 2822,
3389, 3604, 3633, 4218, 4614, 4780
GROWTH SUBSTANCES: 1273, 1318, 1603, 1730,
3769, 5044
GUAIACOL: 528, 3612
GUAIACOL GLYCERYL ETHER: 409
GUANETHIDINE: 32, 576, 1370, 1648, 2539, 3426,
3563, 3570, 3687, 4841, 4975
GUANIDINES: 338, 1087, 1196, 1560, 1913, 2683,
3132, 4140, 4818
GUANINE NUCLEOTIDES: 148, 1183, 1265, 2495,
2564, 3619, 3709
GUANOSINE: 349, 2645
GUANOSINE CYCLIC 3',5' MONOPHOSPHATE:
101, 124, 366, 461, 483, 679, 747, 1012, 1264-1265,
1291, 1982, 2003, 2018-2020, 2027, 2304, 2475,
2564, 3048, 3185, 3238, 3453, 3495, 3611,
3619-3620, 3950, 4052, 4148, 4376, 4582, 4881,
4920
GUANOSINE TRIPHOSPHATE: 159, 635, 1012,
2134, 2500, 2880, 2949, 3578, 3683, 4734
GUANYL CYCLASE: 3453, 4149
GUILT: 4350
GUINEA PIGS: 103, 146, 686, 702, 746, 757, 797,
802, 888, 883, 963, 1098, 1209, 1242, 1408, 1436,
1467, 1539, 1627, 1712, 1781, 1789, 1884, 1983,
2031, 2081, 2084, 2153, 2173, 2226, 2231, 2237,
2284, 2327, 2366, 2412, 2416, 2534, 2607, 2717,
2789, 2826, 2857, 2898, 3007, 3026, 3100, 3121,
3132, 3136-3137, 3160, 3191, 3443, 3470, 3485,
3677, 3756-3757, 3853, 3916, 3977, 4001, 4014,
4025, 4039, 4140, 4209, 4239, 4303, 4523, 4545,
4555, 4618, 4653, 4731, 4790, 4979
GYMNASTICS: 1204
GYNECOLOGIC DISEASES: 329, 453, 664, 1204,
1664, 1778, 1961, 3706, 4173, 4325, 4360, 4578
GYNECOLOGIC NEOPLASMS: 329, 453, 1260,
1597, 1664, 1909, 2445, 3706
GYNECOLOGY: 1, 1211, 2662, 2935-2936, 3383-3384,
4073-4074, 4194
GYNECOMASTIA: 94-95, 1716, 1995, 2554, 3061,
3522, 4358
GYRUS CINGULI: 1545, 3571

H

HABITS: 3818
HABITUATION (PSYCHOPHYSIOLOGY): 1240,
2400, 4010
HAEMOPHILUS INFECTIONS: 4377
HAEMOPHILUS INFLUENZAE: 4377
HAIR: 1250, 2286, 2353, 2627, 4247, 4742, 4969
HALF-LIFE: 293, 319, 412, 428, 561, 604, 612-613,
767, 942, 1271, 1332, 1429, 1636, 1911, 1919, 1990,
2748, 2850, 2884, 2974, 3317, 3406, 3863, 3960,
4099, 4277, 4513, 4541, 4770, 4925, 4947
HALLUCINATIONS: 1177, 3859
HALLUCINOGENS: 2198, 2408, 3665
HALLUX: 2621
HALOFENATE: 1469, 1996
HALOGENS: 4207
HALOPERIDOL: 586, 797, 844, 1440, 2469, 3440
HALOTHANE: 963, 1017, 1102, 2140, 2982, 3161,
3855, 4377, 4638
HAMARTOMA: 3413
HAMSTERS: 160, 178, 540, 575, 668, 797, 890, 998,
1034, 1250, 1333, 1444, 1545, 1576, 1607, 1624,
1633, 1770, 1851, 1963, 2164, 2366, 2607, 2699,

2729, 2739, 3313, 3504, 3511, 3829, 4269, 4349,
4355, 4373, 4379, 4941, 4964, 5044
HAND: 640, 642, 1568, 2772, 2807, 2860, 3269,
3656, 3675, 4760, 4862, 4904, 4917
HAND DEFORMITIES, ACQUIRED: 3704, 5057
HAND DERMATOSES: 1040
HAND INJURIES: 1144
HANDLING (PSYCHOLOGY): 25, 550
HAPLOIDY: 1729, 3386, 3603, 4514
HAPTENS: 72, 1467, 1658, 1915, 3466, 4618, 4684
HAPTOGLOBINS: 914, 1069
HARDNESS: 2329
HARDNESS TESTS: 4688
HAVERSIAN SYSTEM: 2229, 3450, 4188, 4688
HAY FEVER: 472, 1492, 2788, 3184, 3196, 3198
HEAD: 189, 3577, 3862
HEAD INJURIES: 251
HEADACHE: 445, 732, 1284, 1501, 3539, 3680,
3862, 4530, 5018
HEALTH AND WELFARE PLANNING: 2561
HEALTH EDUCATION: 26, 1204, 3173
HEALTH SERVICES: 1292
HEALTH SURVEYS: 2633, 3673
HEARING: 2669
HEARING DISORDERS: 2298, 2917, 3035
HEARING TESTS: 1095, 2530
HEART: 10, 396, 411, 665, 741, 810, 851, 921, 998,
1034, 1273, 1303, 1526, 1578, 1680, 1715, 1789,
2055, 2064, 2211, 2231, 2264, 2304, 2333, 2404,
2407, 2423, 2560, 2566, 2605, 2647, 2655, 2666,
2679, 3074, 3248, 3377, 3463, 3591, 3618, 3712,
3919, 3940, 4044, 4053, 4196, 4407, 4527, 4866
HEART ARREST: 370, 1776, 2836
HEART ATRIUM: 837, 1393, 1789, 2137, 2211,
2231, 2254, 4303, 4614, 4903
HEART BLOCK: 4789
HEART CATHETERIZATION: 99, 1546, 2170, 3862
HEART CONDUCTION SYSTEM: 986, 1393, 1526,
2090, 2290, 2407, 2666, 3330
HEART DEFECTS, CONGENITAL: 263, 510, 1472,
2700, 3389, 4715
HEART DISEASES: 675, 1100, 1664, 1715, 2090,
2566, 2686, 2801, 3103, 3183, 3211, 4057, 4276,
4614, 4646, 4702, 4789, 4854
HEART ENLARGEMENT: 92, 1591, 2090, 2754,
2781, 2801, 3389, 3712, 4614, 4891, 4960
HEART FAILURE, CONGESTIVE: 415, 573, 675,
1546, 1591, 1682, 2054-2055, 2166, 2594, 2729,
2801, 2853, 3183, 3211, 3263, 3537, 3964, 4232
HEART FUNCTION TESTS: 4612
HEART NEOPLASMS: 479, 1050, 1115, 1515, 2181,
2223
HEART RATE: 529, 707, 732, 751, 842, 986, 1198,
1201, 1332, 1449, 1526, 1680, 1745, 1776, 1789,
1839, 2132, 2179, 2714, 2916, 3074, 3164, 3248,
3325, 3491, 3524, 3573, 3677, 3700, 3762, 4039,
4053, 4303, 4533, 4612, 4939
HEART SEPTAL DEFECTS, VENTRICULAR: 4715
HEART SEPTUM: 1393, 2559
HEART VENTRICLE: 99, 411, 1591, 1651, 1712,
2254, 2754, 3074, 4053, 4860, 4903
HEAT: 78, 187, 349, 366, 516, 710, 822, 923, 925,
1086, 1265, 1659, 1709, 1817, 1953, 1994, 2017,
2637, 2698, 2742, 2846, 2916, 2939, 3368, 3470,
3579, 3809, 4453, 4575, 4596, 4755, 4808
HEAVY CHAIN DISEASE: 2887
HEDGEHOGS: 1059
HELA CELLS: 562, 693, 890, 1534, 1730, 2063,
3620, 3971, 4289, 4297, 4508
HEMADSORPTION: 1784, 3258
HEMAGGLUTINATION: 1517, 2053, 3971
HEMAGGLUTINATION INHIBITION TESTS: 1517,
2296, 2505, 2783, 2969
HEMAGGLUTINATION TESTS: 343, 611, 1568,
1720, 2432, 2590, 4157, 4454-4455, 4618
HEMANGIOENDOTHELIOMA: 3608
HEMANGIOMA: 1798, 2565, 2721
HEMARTHROSIS: 745, 1193
HEMATHEMESIS: 1657
HEMATOCYTE: 1698
HEMATOCRIT: 131, 512, 770, 780, 863, 1119, 1227,
1452, 1549, 1700, 2729, 2814, 3081, 3147, 3164,
3849, 3879, 3922, 4096, 4509
HEMATOLOGIC DISEASES: 858, 4031, 4638, 5045
HEMATOMA: 350, 1946, 2006, 2978, 4040
HEMATOMA, EPIDURAL: 227
HEMATOMA, SUBDURAL: 64, 321
HEMATOPOIESIS: 1237, 1937, 2759
HEMATOPOIETIC STEM CELLS: 1479, 2433, 2759
HEMATOPOIETIC SYSTEM: 4600

SUBJECT INDEX

- HEMATURIA: 90, 431, 1793, 1952, 2526, 2851-2852, 2862, 3902, 4753, 4836
HEME: 692, 2295, 2443, 3007, 3821, 4801
HEMEPROTEINS: 1512, 1628, 4848
HEMIPLEGIA: 651, 937, 975, 1193, 2297, 2862, 3497
HEMOCHROMATOSIS: 286, 1591, 4588
HEMOCYANIN: 648
HEMODIALYSIS: 144, 200, 386, 714, 804-805, 810, 854, 997, 1045, 1230, 1256, 1322, 1431, 1655, 1733, 1814, 1840, 1857, 1958, 2139, 2168, 2324, 2329, 2372, 2409, 2594, 2706, 2712, 2807, 2863, 3167, 3392, 3486, 3596, 3633, 3718, 3768, 3795-3796, 4069, 4187, 4685, 4753, 4996, 5031, 5051
HEMODYNAMICS: 10, 529, 638, 1030, 1102, 1136, 1319, 1526, 1529, 2482, 2518, 2605, 2666, 2853, 3103, 3860, 3874, 3882, 4385, 4841
HEMOGLOBIN: 143, 248, 526, 600, 770, 815, 817, 914, 1227, 1329, 1419, 1838, 2912, 3608, 4080, 4752, 4989, 5041
HEMOGLOBIN C DISEASE: 1202
HEMOGLOBINOMETRY: 799, 893, 3861
HEMOGLOBINS, ABNORMAL: 531, 914
HEMOGLOBINURIA, PAROXYSMAL: 1657
HEMOLYMPH: 1422, 1686, 2955
HEMOLYSIS: 39, 83, 148, 692, 1839, 3663, 4083, 4175, 4576
HEMOLYTIC PLAQUE TECHNIC: 83, 1738, 4340
HEMOPERITONEUM: 3413
HEMOPHILIA: 745, 920, 1193, 2794, 4252
HEMORRHAGE: 350, 504, 742, 1115, 1177, 1277-1278, 1339, 1372, 1390, 1743, 1778, 1864, 1889, 1952, 2008, 2117, 2510, 2758-2759, 2966, 3488, 3626, 4121, 4395, 4708, 4753, 4789
HEMORRHAGE, GASTROINTESTINAL: 332, 809, 1390, 2770, 3082, 3091, 3587, 4213, 4381, 4840
HEMORRHAGE, ORAL: 745
HEMORRHAGE, POSTPARTUM: 1277, 3095, 3373
HEMORRHAGIC DIATHESIS: 745, 1142, 1743
HEMOSIDEROSIS: 510
HEMOSTASIS: 497, 1743, 4364
HEMOSTATICS: 1193
HEPARIN: 333, 570, 621, 800, 1171, 1294, 1342, 1548, 1816, 2156, 2577, 2584, 2824, 3338, 3498, 3626, 3650, 3999, 4069, 4231, 4622, 4697, 4706
HEPARIN ANTIAGONISTS: 745
HEPARIN CO-FACTOR: 1787
HEPATECTOMY: 1290, 1372, 2099, 2709, 3101
HEPATIC ARTERY: 4096
HEPATIC COMA: 332, 1268, 1655, 2029, 2396, 2643, 3525, 4394, 4706
HEPATIC VEIN THROMBOSIS: 1372, 1657
HEPATITIS: 1154, 1468, 1475, 1655, 2088, 2405, 2583, 2788, 3032, 3275, 3408, 3635, 3903, 4130, 4224, 4608, 5017
HEPATITIS, CANINE INFECTIOUS: 2588
HEPATITIS, HOMOLOGOUS SERUM: 1043
HEPATITIS, INFECTIOUS: 1043, 1145, 1268, 1321, 2459, 2962, 3072, 3391, 4394, 4429, 4600, 4706
HEPATITIS, TOXIC: 415, 681, 983, 1017, 1035, 1718, 2709, 2978
HEPATOLENTICULAR DEGENERATION: 3422
HEPATOMA: 116, 228, 490, 609, 788, 857, 893, 2685, 2978, 3003, 3146, 3193, 3329, 3514, 4558, 4567, 4589-4590, 4797, 4919
HEPATOMEGALY: 1119, 1711, 2685, 2870-2871, 3608, 4040, 4232, 4532, 4614
HEPTACHLOR: 626
HEREDITARY DISEASES: 566, 1083, 1951, 2773
HERMAPHRODITISM: 87, 420, 543, 1349, 2063, 2089, 2540, 4402, 4822
HERNIA: 1225, 1890
HERPES SIMPLEX: 1850, 2771, 3391, 5011
HERPES ZOSTER: 122, 873, 1850, 1865, 4712, 5011
HERPESVIRUS: 23, 1273, 3391, 4173
HERPESVIRUS HUMANIS: 987, 3391
HERPESVIRUS INFECTIONS: 3391, 4173
HETEROCHROMATIN: 88, 911, 968, 1347, 1430, 1890, 1900, 2300, 2325, 4297, 4601, 4762
HETEROCYCLIC COMPOUNDS: 4445
HETEROZYGOTE: 432, 666, 1113, 1183, 1239, 1241, 1484, 1647, 2092, 2406, 3046, 3320, 3637, 3664, 4192, 4818, 4918, 4989
HEXAMETHONIUM COMPOUNDS: 1529, 4376
HEXEDINE: 4289
HEXESTROL: 1383, 3407, 3842
HEXOBARBITAL: 2173
HEXOKINASE: 30, 1632, 3026, 3965
HEXOSAMINES: 98, 444, 789, 1870, 2480, 2552, 4517
HEXOSAMINIDASES: 4453
HEXOSEDIPOSPHATASE: 2429, 3064, 4575, 4883
HEXOSEDIPOSPHATES: 3064, 3252
HEXOSEPHOSPHATES: 3064
HEXOSES: 789, 2480, 4751, 4781
HEXOSYLTRANSFERASES: 1027, 2318, 2483, 2645, 2694, 2811
HIBERNATION: 1248, 2373, 4103
HINDLIMB: 299, 755, 801, 1063, 1421, 1699, 1836, 2094, 2507, 3755, 4040, 4126
HIP: 311, 1143, 1298, 1584, 1704, 1890, 4353, 4393
HIP JOINT: 1143, 1187, 1704, 2177, 3346, 4353, 4393, 4996
HIPPOCAMPUS: 473, 522, 574, 977, 1374, 1545, 1884, 2212, 2242, 2400, 2671-2672, 2848, 2869, 3096, 3214, 3300, 3424, 3571, 3819, 3929, 3949, 3990, 4084-4085, 4103, 4363, 4621, 4686, 4724, 4774, 4838, 4887, 4892
HIPURATES: 2081
HIRSUTISM: 94-95, 106, 1286, 1304, 1931, 2042, 2048, 2399, 3722, 4138, 4279, 4362, 4604, 4680
HISTAMINASE: 112, 2358, 5021
HISTAMINE: 98, 176, 197, 232, 272, 303, 479, 807, 837, 897, 1098, 1158, 1185, 1221, 1308, 1374, 1527, 1592, 1648, 1787, 1816, 2005, 2049, 2087, 2094, 2288, 2334, 2357-2358, 2392-2393, 2430, 2448, 2539, 2833, 2890, 2895, 3014, 3181, 3185, 3436, 3485, 3585, 3758, 3941-3942, 4046, 4056, 4214, 4255, 4585, 4614, 4873
HISTAMINE LIBERATION: 194, 272, 673, 732, 837, 926, 1052-1053, 2185, 3360, 3897, 3941
HISTIDINE: 994, 2486
HISTIOCYTES: 84, 2798, 4675, 4931
HISTIOCYTOMA: 2721
HISTOCOMPATIBILITY: 946, 1577, 4629
HISTOCOMPATIBILITY ANTIGENS: 65, 1467, 1590, 1729, 1784, 1829, 2061, 2716, 2788, 3094, 4629, 4636, 4642, 4731, 4846
HISTOCOMPATIBILITY TESTING: 65, 457, 1829, 3094, 4636
HISTOCYTOCHEMISTRY: 53, 229, 238, 374, 387, 410, 485, 539, 631, 650, 885, 703, 735-738, 759, 795, 841, 900, 942, 944, 1037, 1078, 1234, 1275, 1287, 1346, 1388, 1565, 1581, 1593, 1682-1683, 1725-1726, 1821, 1905-1906, 1911, 1927, 2070-2071, 2150, 2154, 2168, 2220, 2225, 2253, 2340, 2366, 2465, 2485, 2529, 2563, 2606, 2618, 2647, 2671, 2674-2675, 2747, 2782, 2811, 2967, 2973, 3045, 3118, 3133, 3142, 3201, 3366, 3431, 3446, 3520, 3533, 3644, 3653, 3664, 3737-3738, 3744, 3865, 3871, 3943, 3964, 4075, 4103, 4160, 4177, 4185, 4196, 4227, 4269, 4347, 4370, 4416, 4441, 4479, 4512, 4535, 4616, 4627, 4662, 4675, 4744, 4750, 4898, 4991
HISTOLOGICAL TECHNIQUES: 193, 401, 682, 971, 2153, 2194, 2258, 3249, 3431, 3510, 3519, 3630, 3644, 4479, 5012
HISTONES: 135, 241, 1360, 1595, 2011, 2311, 2733, 2846, 3080, 3292, 3695, 3824, 4148, 4282, 4379, 4434, 4571, 4601, 4881, 4914
HISTORICAL ARTICLE: 1, 1041, 1079, 1211, 1736, 2585, 2662, 2935-2936, 3002, 3383-3384, 3531, 3596, 3909, 4073-4074, 4180-4181, 4194, 4285, 4322, 4543
HISTORICAL BIOGRAPHY: 1, 1211, 2585, 2662, 2935-2936, 3383-3384, 3596, 3909, 4073-4074, 4181, 4194
HISTORY OF MEDICINE, 16TH CENT.: 3002
HISTORY OF MEDICINE, 17TH CENT.: 3002
HISTORY OF MEDICINE, 18TH CENT.: 3002
HISTORY OF MEDICINE, 19TH CENT.: 3002
HISTORY OF MEDICINE, 20TH CENT.: 1736, 3002, 3596, 3847, 4181, 4322, 4543
HODGKIN'S DISEASE: 91, 104, 193, 680, 838, 2093, 2126, 2257, 2265-2266, 2464, 2788, 2981, 3003, 3193, 3305, 3603, 3657, 3802, 4030, 4281, 4532, 4793, 4797, 4961
HOLMIUM: 2959
HOME RANGE: 606
HOMEOSTASIS: 174-175, 286, 803-804, 1002-1003, 1252, 1259, 1282, 1474, 1562, 2139, 2240, 2251, 2810, 2939, 3125, 3319, 3528, 3717, 4411
HOMOSEXUALITY: 3402
HOMOVANILLIC ACID: 19, 1218, 2128, 2771, 2919, 3643
HOMOZYGOTE: 432, 1113, 1445, 2406, 2499, 3320, 3664, 4918
HONG KONG: 62
HOOKWORM INFECTIONS: 738, 1518
HORDEOLUM: 4823
HORMONES: 126, 273, 278, 386, 453, 514-515, 700, 735, 949, 1025, 1093, 1172-1173, 1271, 1357, 1432, 1712, 1878, 1941, 2009, 2463, 2500, 2502, 2512, 2594, 2747, 2850, 2854, 2877, 2907, 2951, 3306, 3369, 3510, 3539, 3620, 3623, 3876, 4068, 4106, 4354, 4504, 4558, 4609, 4800, 5040
HORMONES, ECTOPIC: 325-326, 690, 734, 1257, 1270, 1317, 2319, 2584, 2742, 3443, 3744, 3852, 4464, 4767
HORNS: 3157
HORSE DISEASES: 871, 1698, 2588, 3593, 4242
HORSES: 70, 426, 501, 603, 871, 1296, 1698, 1861, 2005, 2153, 2268, 2552, 2588, 2783, 3139, 3258, 3279, 3593, 3866, 3877, 4242, 4894
HOSPITAL DEPARTMENTS: 4033
HOSPITAL OUTPATIENT CLINICS: 342
HOSPITALIZATION: 1931, 2833
HOSTILITY: 657, 3030
HOUSING, ANIMAL: 589, 972, 1262, 1768, 2699, 2952
HUMAN: 3-5, 9-10, 14, 16, 19-22, 24-25, 27, 31, 33-34, 36-38, 40-41, 43, 47, 50-52, 55, 62, 64-68, 76, 78-79, 84-85, 89-92, 94-96, 100, 102, 104-107, 109, 111-112, 114, 117-123, 125, 128-129, 131, 133, 140-146, 153, 155-156, 158, 165, 167-168, 173-174, 182-183, 186-191, 193, 196-198, 200-201, 205, 213-214, 216, 218-221, 225-227, 230-231, 233-235, 237-239, 242-249, 251-252, 257-258, 261, 263, 266, 268-270, 276-277, 279-281, 283-284, 288, 291, 295, 298, 300, 302, 307, 309-313, 315, 317-318, 320-323, 325-328, 328-333, 336-343, 345, 347, 350, 352, 354-355, 358, 360-365, 368-370, 375-378, 381, 383-386, 391-392, 394, 397, 399, 404-407, 409, 413, 415, 417-418, 420-422, 424, 430-440, 445, 447, 450, 453, 455-457, 460, 464, 468, 471-472, 474-475, 478-479, 481-484, 488-489, 491-492, 498-505, 508, 510, 513-515, 519, 523, 526-527, 530, 532-533, 536-538, 541-543, 546, 549, 551, 553, 560-563, 565-571, 573, 576, 578, 583-584, 590-591, 593, 595, 598, 600, 607-608, 610-613, 616, 619, 621-624, 627-630, 632-634, 636-643, 646-647, 649-650, 652-654, 661-664, 668, 673-676, 680-681, 683-685, 689-693, 695, 698-699, 701, 710-712, 714, 718-719, 722, 727, 729, 732-735, 738-739, 743-746, 748-749, 754, 760, 764-771, 773-777, 779-780, 783, 785-787, 789, 792, 794, 797-798, 800, 803-811, 814-818, 820, 823, 829, 835, 838, 841-843, 847-850, 853-854, 858-859, 862, 867, 869-870, 873-876, 880-883, 890, 892-894, 896, 898-899, 903-904, 906, 914, 916, 918, 920-922, 929-931, 933-938, 940, 942-943, 945, 947-948, 951-952, 954-957, 959, 961-963, 965-968, 973-975, 978-979, 982, 987-993, 995-997, 999, 1001-1002, 1006, 1008-1010, 1014, 1017-1021, 1024, 1026, 1028, 1030, 1035-1036, 1038, 1040, 1042-1043, 1045, 1047, 1049, 1051, 1054-1058, 1064, 1066, 1069-1070, 1072, 1074-1075, 1078-1083, 1086, 1088, 1090-1091, 1095-1097, 1099-1101, 1105, 1109-1112, 1114-1115, 1117, 1119-1120, 1122, 1127-1131, 1133-1136, 1140-1143, 1145-1147, 1149-1151, 1153-1157, 1159-1162, 1164-1167, 1170, 1171, 1175-1178, 1181, 1183, 1186-1187, 1192-1193, 1197, 1199-1202, 1204-1205, 1207-1208, 1212-1214, 1216, 1218, 1220, 1224-1225, 1227-1231, 1233, 1235-1237, 1241, 1243-1247, 1249, 1252-1253, 1255-1257, 1260, 1266-1268, 1270-1272, 1274-1277, 1280, 1284-1286, 1288-1289, 1292-1295, 1298, 1300, 1302, 1304-1306, 1308, 1310, 1313-1315, 1317, 1321-1323, 1325, 1329-1331, 1334-1339, 1342, 1345-1346, 1349-1358, 1361-1365, 1367-1368, 1372-1373, 1375, 1378, 1381, 1383, 1387-1388, 1390, 1396, 1398, 1401, 1407, 1415-1417, 1419, 1425-1426, 1428-1431, 1433, 1435-1438, 1440, 1450, 1452, 1457, 1461, 1463-1475, 1477, 1479-1480, 1482-1484, 1486-1487, 1489, 1491-1492, 1495, 1497-1501, 1503-1504, 1506, 1508, 1511, 1514-1519, 1522-1526, 1528, 1530, 1532, 1534, 1540-1544, 1546, 1548-1553, 1557, 1559-1563, 1566-1570, 1573, 1580-1582, 1584-1585, 1588-1589, 1591, 1594, 1597, 1599-1600, 1605, 1608, 1610, 1615-1616, 1621, 1623, 1625-1627, 1630, 1634-1637, 1639-1642, 1645, 1647, 1649-1650, 1655, 1657, 1661, 1663-1666, 1668-1669, 1671-1672, 1675, 1677, 1679, 1681-1682, 1685-1687, 1695-1696, 1701-1708, 1710-1711, 1715-1718, 1720, 1723, 1729-1735, 1737, 1740, 1742-1744, 1746, 1749-1755, 1758-1761, 1766-1767, 1771-1774, 1777-1778, 1782, 1786, 1790, 1793-1794, 1797-1798, 1801, 1805, 1807-1808, 1810, 1812-1814, 1819, 1822, 1824, 1827-1828, 1832-1833, 1835, 1837, 1840, 1842-1843, 1846-1850, 1854-1858, 1862, 1865, 1871, 1874-1876, 1879, 1881-1882, 1887-1890, 1893, 1900, 1902, 1905-1906, 1909-1914, 1916, 1918, 1921, 1923, 1927,

SUBJECT INDEX

1929-1933, 1938, 1941-1942, 1944-1946, 1949,
1951-1953, 1956, 1961, 1965, 1969-1974, 1979, 1981,
1983, 1986-1987, 1990-1991, 1995-2000, 2002,
2006-2007, 2009, 2014-2015, 2017-2023, 2025-2026,
2029, 2032-2034, 2037-2040, 2042-2044, 2047-2048,
2053-2054, 2058-2059, 2062-2063, 2068, 2074-2075,
2079-2080, 2082-2086, 2088-2093, 2095, 2097-2098,
2100-2102, 2105-2107, 2109, 2113, 2116-2118,
2120-2121, 2124-2129, 2132-2133, 2138, 2141, 2145,
2149
2150, 2153, 2155-2156, 2159-2160, 2163, 2166-2167,
2171, 2174-2175, 2177-2183, 2185-2186, 2188,
2197-2199, 2201, 2204, 2209-2210, 2214, 2216, 2218,
2220-2224, 2227, 2229, 2232-2234, 2236-2238,
2240-2241, 2245-2247, 2251-2253, 2255-2263,
2265-2266, 2269, 2271-2272, 2275, 2281, 2284-2286,
2291-2292, 2297-2301, 2313, 2315, 2317, 2319, 2321,
2324, 2326, 2328-2332, 2335-2336, 2341-2348,
2353-2355, 2359-2360, 2362-2364, 2367-2369,
2371-2372, 2374, 2376-2377, 2379-2384, 2386-2387,
2390-2391, 2393-2397, 2399, 2401-2402, 2405-2407,
2409, 2411, 2414-2416, 2418-2419, 2421-2422, 2424,
2426-2428, 2435-2436, 2440, 2443, 2445-2446,
2449-2450, 2453, 2455-2457, 2459, 2461, 2463-2464,
2467-2468, 2470, 2474, 2478-2480, 2482, 2484, 2487,
2489-2493, 2497-2499, 2502, 2508, 2514, 2516,
2520-2522, 2524, 2526, 2529-2531, 2535-2538,
2540-2541, 2543, 2546, 2550, 2552, 2554, 2556,
2558, 2561, 2565-2569, 2571, 2574-2578, 2580-2586,
2592, 2594-2596, 2601-2605, 2609-2610, 2612,
2621-2622, 2624-2625, 2627-2628, 2630-2631,
2634-2636, 2638, 2643-2644, 2646, 2654-2657, 2661,
2663, 2665-2667, 2675-2677, 2681-2682, 2684-2686,
2688-2689, 2695, 2697, 2700-2702, 2704-2706, 2708,
2710-2716, 2721, 2723-2726, 2730, 2734-2736, 2738,
2742-2744, 2746, 2749, 2752-2753, 2755-2757,
2762-2765, 2768-2770, 2772-2773, 2776-2778,
2780-2781, 2784-2785, 2788-2790, 2793-2794,
2796-2798, 2800-2802, 2805, 2807, 2810, 2812-2820,
2821-2822, 2824-2825, 2827-2828, 2830-2840, 2845,
2850-2860, 2862-2864, 2866-2868, 2870-2874, 2876,
2881-2882, 2886-2889, 2892-2893, 2895-2896, 2898,
2900-2904, 2906-2909, 2913, 2917-2919, 2924-2926,
2929, 2932, 2935-2938, 2942-2944, 2947, 2954, 2956,
2958, 2960-2963, 2965, 2969-2971, 2978, 2981-2990,
2994-2996, 2998-3005, 3010, 3012-3013, 3017-3019,
3024, 3029-3032, 3035-3039, 3041-3042, 3046-3047,
3049, 3052-3053, 3057, 3059-3063, 3065-3068,
3070-3072, 3074, 3076-3077, 3082, 3084, 3087,
3090-3091, 3093-3095, 3097-3101, 3103-3104,
3107-3111, 3113-3115, 3117-3120, 3124
3125, 3127, 3130-3132, 3135-3136, 3139, 3145,
3147-3152, 3154, 3156, 3160-3161, 3163, 3167,
3172-3179, 3182-3183, 3188, 3193, 3196-3199,
3203-3204, 3206-3208, 3211, 3216-3218, 3223,
3226-3227, 3231-3232, 3234-3235, 3237, 3244-3245,
3247, 3249, 3253, 3256, 3258-3259, 3264-3265,
3269-3270, 3273, 3275-3278, 3280-3284, 3287-3291,
3293, 3295-3296, 3298, 3303-3306, 3308-3309,
3311-3312, 3314, 3316-3319, 3322, 3324, 3329-3331,
3333, 3335-3339, 3341-3348, 3352-3354, 3357, 3362,
3364-3366, 3369-3373, 3377, 3379, 3382-3384,
3386-3387, 3388, 3391-3392, 3394, 3396-3398,
3402-3403, 3406-3407, 3410, 3412-3413, 3416, 3420,
3422, 3427, 3430, 3434-3437, 3439, 3442-3443, 3445,
3449-3450, 3453, 3455, 3457-3458, 3461-3469, 3471,
3473, 3478-3479, 3484, 3486-3488, 3493-3495,
3497-3498, 3500, 3506, 3508-3512, 3514, 3518,
3521-3522, 3525, 3530-3532, 3534-3536, 3538-3540,
3542-3545, 3551-3552, 3555, 3559, 3562-3563,
3567-3568, 3570, 3574-3577, 3579-3580, 3583-3585,
3587, 3589-3591, 3595, 3597-3598, 3600, 3603-3605,
3607-3609, 3612, 3615-3617, 3620, 3623, 3625-3633,
3635-3636, 3639-3643, 3647, 3652, 3656-3658,
3661-3662, 3666, 3668, 3670-3671, 3673-3675,
3678-3680, 3682-3690, 3693-3694, 3699-3700,
3702-3704, 3706, 3709, 3711-3712, 3714-3730,
3733-3735, 3739, 3741-3744, 3746-3747, 3750-3753,
3758, 3762-3764, 3766, 3770, 3772-3776, 3781-3784,
3786-3788, 3790-3791, 3795-3797, 3799-3802, 3804,
3806, 3809-3809, 3811-3814, 3816-3817, 3820, 3822,
3827-3828, 3831-3835, 3837, 3840, 3845-3847,
3850-3854, 3856-3859, 3861-3863, 3865, 3866,
3870-3871, 3880-3881, 3883, 3885-3888, 3890-3892,
3894, 3896, 3898, 3900-3903, 3909-3915, 3917, 3921,
3924-3925, 3928, 3931-3937, 3940, 3952, 3955-3956,
3958-3964, 3966-3967, 3969-3978, 3980-3982,
3984-3985, 3987, 3989, 3991-3992, 3997-3998, 4004,
4006, 4009, 4012-4013, 4016-4017, 4019, 4022-4024,
4030-4031, 4033, 4035-4038, 4041-4042, 4045,

4050-4051, 4055, 4057, 4060-4061, 4064-4066, 4069,
4071-4074, 4077, 4079-4081, 4083, 4086
4089-4092, 4095, 4098, 4104, 4106, 4113-4116, 4118,
4121, 4125, 4130-4131, 4133, 4135, 4138-4139, 4141,
4144-4145, 4155, 4157, 4160-4169, 4173-4174, 4182,
4187, 4189-4190, 4192-4193, 4195, 4200, 4206, 4208,
4210-4211, 4216-4218, 4220, 4222-4225, 4227,
4229-4230, 4232, 4234-4235, 4240, 4243, 4246,
4248-4250, 4252-4254, 4258-4260, 4263-4265, 4270,
4272-4276, 4279-4281, 4283-4284, 4286, 4288-4289,
4291-4293, 4296, 4298, 4302, 4305, 4307-4308, 4310,
4312-4313, 4315, 4317-4320, 4325, 4327-4330, 4332,
4336-4337, 4342-4344, 4347-4348, 4350, 4352-4353,
4356-4360, 4362, 4364, 4367, 4371-4375, 4377-4378,
4380-4381, 4386, 4388, 4392-4396, 4400-4403, 4406,
4414, 4417, 4419-4422, 4426-4427, 4429, 4431, 4433,
4443, 4446-4447, 4452-4458, 4464, 4467, 4469, 4471,
4473, 4477-4478, 4480-4481, 4483, 4485-4490, 4494,
4502-4503, 4506-4509, 4511, 4515-4516, 4519-4520,
4522-4526, 4530-4532, 4534, 4536, 4538, 4544-4547,
4549, 4551, 4553-4556, 4561, 4563-4565, 4567-4570,
4573, 4578, 4584-4585, 4587-4588, 4594, 4596, 4599,
4602, 4604, 4608, 4610, 4612, 4614-4615, 4617,
4620-4621, 4626, 4630, 4633, 4636-4638, 4640, 4642,
4646-4648, 4650-4651, 4653-4654, 4656-4658,
4660-4661, 4665, 4667, 4670-4672, 4674-4676,
4678-4679, 4683, 4685, 4689, 4691, 4693, 4696-4698,
4702, 4704-4707, 4709, 4712-4717, 4721-4723, 4725,
4728, 4730-4731, 4736-4738, 4741-4743, 4745,
4747-4749, 4752-4753, 4759, 4762-4765, 4767-4768,
4770-4771, 4775, 4777, 4780, 4782-4784, 4789, 4793,
4796-4799, 4803-4806, 4809-4812, 4817-4818,
4823-4826, 4828-4829, 4833-4836, 4840, 4843, 4846,
4849-4854, 4858, 4861-4863, 4865-4868, 4868, 4872,
4875, 4877-4878, 4882, 4885, 4887-4888, 4896-4897,
4899-4900, 4904-4906, 4910-4913, 4915-4917, 4924,
4929, 4931, 4933, 4942, 4947-4952, 4954-4957, 4959,
4981-4982, 4986-4987, 4989-4992, 4995-4996, 4998,
4980-4981, 4983, 4986, 4990, 4994-4997, 4999,
5004-5005, 5007, 5009-5011, 5013-5026, 5028-5039,
5042, 5045, 5047, 5050-5058
HUMERAL FRACTURES: 4839
HUMERUS: 934-938, 1143, 1254, 2068, 2153, 4336,
4544, 4839
HUMIDITY: 272, 2545
HUNGARY: 616, 1550, 3345
HUNGER: 1792, 2923, 3433, 3549, 4198
HYALIN SUBSTANCE: 2428, 3902
HYALINE MEMBRANE DISEASE: 1358, 1771, 3847
HYALURONIC ACID: 3886, 3889, 4697
HYALURONIDASE: 401, 444, 1667, 3821, 3886,
3889, 4111, 4697
HYBRID CELLS: 245, 892-893, 1419, 1498, 3335,
3493, 3511, 4168, 4297, 4767, 5040
HYBRID VIGOR: 3637
HYBRIDIZATION: 351, 946, 1565, 1800, 2433, 3320,
3335, 3637, 4201, 4214, 4537
HYDANTOINIS: 1479, 2035, 2486, 2547-2548, 4107
HYDATIDIFORM MOLE: 1275, 1468, 2025, 2245,
2935-2936, 3094, 3107, 3136, 3363-3384, 3888,
4073-4074, 4217, 4547, 4555, 5018
HYDRALAZINE: 72, 313, 576, 2348, 3563, 3570,
3687
HYDRAMNIOS: 1468
HYDRAZINES: 103, 114, 900, 1218, 1456, 1725,
1917, 2463, 2731, 2904, 2919, 3057, 3086, 4658
HYDRAZONES: 3225
HYDROCARBONS, BROMINATED: 1090
HYDROCARBONS, CHLORINATED: 1373, 2555
HYDROCARBONS, FLUORINATED: 1373, 2239,
2844, 2962, 4358
HYDROCARBONS, HALOGENATED: 1993, 4207,
4711
HYDROCELE: 739, 2326, 2764
HYDROCEPHALUS: 2252, 3342, 3430, 4530
HYDROCEPHALUS, NORMAL PRESSURE: 2128
HYDROCHLORIC ACID: 401, 723
HYDROCHLOROTHIAZIDE: 1055, 1057
HYDROCHLOROTONE: 7, 23, 43, 68, 94, 126, 135,
140, 153, 219, 265, 269, 291, 337, 363, 366, 416,
452, 488, 494, 553, 573, 604, 609, 627, 629, 655,
676, 695, 736, 806, 847-848, 878, 937, 942, 961,
976, 1038, 1017, 1064, 1076, 1116, 1120-1121, 1192,
1238, 1270, 1276, 1297, 1300, 1325, 1358, 1365,
1434, 1437, 1484, 1493, 1500, 1505, 1511, 1521,
1555, 1603, 1618, 1669, 1673, 1773, 1784, 1864,
1916, 1944, 1956, 1966, 2113, 2180, 2208-2209,
2221, 2259, 2261-2262, 2301, 2312, 2341, 2349,
2378, 2398, 2433, 2449, 2455-2457, 2511-2513, 2577,
2596, 2656-2657, 2804, 2816, 2847, 2853, 2915,

2917, 2962, 3026, 3044, 3047, 3065, 3157, 3176,
3181, 3199, 3253, 3257, 3286, 3288, 3293, 3363,
3377, 3492, 3508, 3542, 3577, 3587, 3592, 3626,
3650, 3685, 3703, 3731, 3740, 3794, 3837, 3856,
3866, 3872-3873, 3928, 3938, 3965, 3969, 3973,
3988, 3995, 4047, 4051, 4066, 4095, 4112, 4189,
4215, 4233, 4291, 4340, 4444, 4489, 4544, 4571,
4576, 4581, 4590, 4592, 4640, 4647, 4650, 4653,
4683, 4706, 4727, 4736, 4761, 4790, 4804-4805,
4851, 4857, 4884, 4896, 4900, 4919, 4963, 4990
HYDROCORTISONE, TOPICAL: 922, 1166, 1544,
3797, 4216, 5036
HYDROGEN: 740, 1877, 2371, 3074, 3145, 3768,
4095
HYDROGEN-ION CONCENTRATION: 2, 18, 131,
136, 169, 276, 284, 334, 349, 353, 370, 386, 401,
425, 461, 489, 509, 548, 677, 697, 708, 711, 767,
832, 885, 928, 1033, 1046, 1124, 1194, 1254, 1291,
1325, 1371, 1422, 1449, 1478, 1508, 1527, 1548,
1628, 1656, 1659, 1719-1721, 1834, 1877, 1957,
1966, 2003, 2028, 2108, 2207, 2230, 2300, 2322,
2340, 2354, 2371, 2385, 2430, 2454, 2476-2477,
2496, 2511, 2515, 2629-2630, 2646, 2670, 2738,
2820, 2842, 2872, 2880, 2915-2916, 2955, 3019,
3048, 3104, 3145, 3165, 3212-3213, 3225, 3271,
3289, 3327, 3648, 3650, 3658, 3708-3709, 3738,
3768, 3926, 4002, 4080, 4124, 4148, 4152, 4201,
4235, 4237, 4278, 4287, 4339, 4434, 4453, 4462,
4484, 4575, 4645, 4752, 4755, 4807, 4827, 4841,
4844, 4848, 4881, 4954, 5001
HYDROGEN PEROXIDE: 631, 833, 2809
HYDROLASES: 2950, 4036, 4434, 4900
HYDROLYSIS: 291, 382, 992, 1179, 1265, 1287,
1582, 1787, 2081, 2255, 2287, 2477, 2544, 2663,
2691, 2730, 3269, 3586, 3642, 3998, 4069, 4326,
4339, 4391, 4463, 4584, 4649, 4697
HYDRONEPHROSIS: 313, 4190, 4305, 4358
HYDROSTATIC PRESSURE: 895, 1274, 3008
HYDROTHERAPY: 3148
HYDROTHAMIC ACID: 2813
HYDROXIDES: 1838
HYDROXYAPATITE: 548, 625, 1196, 1851, 1958,
2173, 4140, 4936
HYDROXYBUTYRATE DEHYDROGENASE: 132,
2576
HYDROXYBUTYRATES: 132, 847, 1252, 2623,
2820, 3132, 3489, 4238
HYDROXYCHLOROQUINE: 1827, 4248, 4253
HYDROXYCHOLECALCIFEROL: 161, 174, 315-316,
532-533, 714, 803, 831, 843, 954, 1003, 1512-1513,
1788, 1831, 3319, 3368, 3512, 3717, 3831, 3911,
4183, 4465, 5046
11-HYDROXYCORTICOSTEROIDS: 995, 1145, 1637,
1675, 1703, 2141, 2607, 3037, 3197, 3396, 3437,
4581, 4730
17-HYDROXYCORTICOSTEROIDS: 305, 312, 488,
514, 807, 859, 1139, 1227, 1500, 1511, 1552, 1637,
1821, 2101, 2550, 2571, 2596, 2604, 2870-2871,
3097, 3124, 3487, 3636, 3763, 4115, 4218, 4233,
4408, 4561, 4592, 4709, 4982, 4966
HYDROXYCORTICOSTEROIDS: 153, 1703, 4749,
4994, 5008
HYDROXYDIONE: 1697, 4350
HYDROXYDOPAMINE: 32, 396, 1269, 1668, 1904,
1917, 2154, 2349, 2674, 2679, 2923, 2940, 3441,
3459, 3653, 4084-4085, 4102, 4196, 4369, 4627
HYDROXYINDOLEACETIC ACID: 19, 1100, 1240,
1509, 1672, 1894, 2058, 2078, 2087, 2128, 2349,
2417, 2639, 2771, 2779, 3405, 3643, 3754, 4232,
4430
HYDROXYLAMINES: 3926, 4463
HYDROXYLASES: 831, 1003, 1007, 1290, 1312,
1571, 1851, 1748, 1980, 2057, 2099, 2879, 2774,
3407, 3470, 4028, 4366, 4425, 4643, 4690, 4919
HYDROXYLATION: 11, 1003, 1511, 1631, 1789,
1973, 1993, 2524, 3056, 3440, 4148, 4539, 4643,
4849
HYDROXYLYSINE: 2548
HYDROXYMERCURIBENZOATES: 425, 2028, 4513,
4575
HYDROXYPREGNENOLONE: 613, 1144, 1883, 1973,
2524, 2528, 3270, 3407, 3588, 4382
HYDROXYPROGESTERONE: 86, 297, 559, 613,
823, 875, 970, 998, 2097, 2323, 2502, 3222, 3255,
3298, 3301, 3327, 3366, 3407, 3703, 3881, 4497
HYDROXYPROLINE: 173, 1213, 2548, 2665, 3115,
3288, 3442, 3478, 3512, 3800, 3910-3911, 4517,
4791-4792
HYDROXYSTEROID DEHYDROGENASES: 297,
312, 559, 885, 1037, 1388, 1423, 1575, 1973, 2076,

SUBJECT INDEX

- 2097, 2152, 2173, 2529, 2591, 2599, 2702, 2738,
2967, 3008, 3045, 3133, 3165, 3222, 3336, 3366,
3407, 3943, 4432, 4441, 4898
HYDROXYSTEROIDS: 182, 559, 883, 1026, 1063,
1554, 1606, 1697, 1973, 2769, 3060, 3131,
3239-3240, 3336, 3476, 3480, 3491, 3700, 3837,
3984, 4101, 4266, 4802, 4958
HYDROXYTRYPTOPHAN: 1100, 1458, 1540, 1569,
1672, 1975, 2072, 3086, 3175, 3404-3405, 3643,
4156, 4658, 4740, 4764
HYDROXYUREA: 149, 260, 988, 1718, 3090, 3381
HYDROXYZYNE: 4774
HYGIENE: 1204, 4164
HYMEN: 2985
HYMENOLEPISASIS: 54, 203
HYPERALDOSTERONISM: 288, 337, 440, 445, 523,
650, 675, 850, 1091, 1304, 2054, 2085, 2209, 2602,
2729, 2886, 3018, 3179, 3545, 3562, 3718, 3735,
3791, 4018, 4155, 4469, 4883, 4743, 4829, 4861,
4878, 4942, 4966, 5025
HYPERBARIC OXYGENATION: 198, 3531
HYPERBILIRUBINEMIA: 1358
HYPERBILIRUBINEMIA, HEREDITARY: 692
HYPERCALCEMIA: 47, 50, 174, 325-326, 412, 430,
519, 532, 733, 835, 954, 1003, 1136, 1246, 1317,
1381, 1639, 1810-1811, 1857, 1862, 1870, 2083,
2159, 2554, 2667, 2884, 2710, 2712, 2749, 2840,
3047, 3115, 3125, 3259, 3439, 3443, 3526, 3640,
3668, 3744, 3848, 4060, 4343, 4477, 4988, 5016
HYPERCHOLESTEREMIA: 464, 1724, 1895, 2338,
2411, 3805, 4167, 4801, 4843
HYPEREMESIS GRAVIDARUM: 2014
HYPEREMIA: 154, 186, 1836, 4232
HYPERGAMMAGLOBULINEMIA: 128, 3082
HYPERGLYCEMIA: 1511, 2730, 2732, 3841, 5043
HYPERINSULINISM: 30, 147, 1289, 1358, 3969
HYPERKALEMIA: 1358, 2044, 2644, 2836, 3147,
4308, 4829
HYPERKINESIS: 370, 4101
HYPERLIPEMIA: 406, 839, 917, 1500, 1566, 1812,
1996-1997, 2291, 2654, 4669
HYPERLIPEMIA, ESSENTIAL FAMILIAL: 4167
HYPERNATREMIA: 2315, 4829
HYPERPARATHYROIDISM: 145-147, 183, 325-326,
455, 474, 714, 760, 803, 933, 1167, 1213, 1317,
1335, 1407, 1639, 1810, 1857, 1870, 2159, 2321,
2487, 2479, 2493, 2620, 2630, 2710, 2712, 2736,
2743, 2749, 2802, 3023, 3114-3115, 3125, 3145,
3188, 3269, 3443, 3605, 3666, 3716-3717, 3753,
3799, 3989, 3997, 4019, 4035, 4038, 4071, 4329,
4343, 4374, 4506, 4820, 4872, 4853, 4882
HYPERPARATHYROIDISM, SECONDARY: 144,
173, 997, 1002, 1256, 1407, 1584, 1862, 2139, 2329,
2371, 2944, 3559, 3595, 3796, 4882
HYPERPITUITARISM: 2338
HYPERPLASIA: 625, 1085, 1091, 1207, 1232, 1260,
1323, 1639, 2052, 2209, 2428, 2602, 2978, 2991,
3086, 3122, 3603, 3763, 4116, 4280, 4325, 4469
HYPERSENSITIVITY: 194, 616, 1746, 2374, 2484,
2507, 2526, 2584, 3012, 4707, 4988
HYPERSENSITIVITY, DELAYED: 450, 848, 852,
2106, 3304
HYPERSENSITIVITY, IMMEDIATE: 197, 591, 2448
HYPERSPLENISM: 2232
HYPERTENSION: 9, 127, 235, 431, 523, 576, 624,
650, 732, 768, 775, 780, 787, 810, 850, 862, 882,
950, 1018, 1055-1057, 1136, 1152, 1199, 1201, 1304,
1312, 1319, 1351, 1414, 1425, 1452, 1461, 1474,
1546, 1591, 1651, 1664, 1733-1734, 1755, 1761,
1787, 1888, 1903, 1979, 2051, 2054, 2064, 2079,
2085, 2166, 2209, 2348, 2375, 2425, 2482, 2566,
2605, 2612, 2625, 2638, 2700, 2714, 2801,
2851-2853, 2866-2867, 2881, 2908, 3018, 3179, 3220,
3439, 3459, 3545, 3583, 3570, 3629-3630, 3671,
3687, 3735, 3786, 3854, 3931, 3948, 3967, 4016,
4022, 4081, 4296, 4330, 4437, 4533, 4549, 4685,
4764, 4829, 4950, 4975, 5025
HYPERTENSION, MALIGNANT: 288, 929, 2605,
3018, 3167, 3179, 3370, 3563
HYPERTENSION, PORTAL: 504, 3992
HYPERTENSION, PULMONARY: 2509, 4715
HYPERTENSION, RENAL: 313, 523, 624, 929, 950,
974, 1091, 1152, 1474, 1820, 1886, 1986, 2059,
2085, 2163, 2348, 2594, 2605, 2713, 2754, 3018,
3179, 3341, 3370, 3500, 3668, 4081, 4190, 4307,
4533, 4588, 4753, 4829, 5051
HYPERTHYROIDISM: 10, 16, 22, 27, 94-95, 180,
275, 310, 358, 413, 475, 561, 610, 641, 1010, 1072,
1074, 1134-1135, 1382, 1523, 1551, 1556, 1580,
1625, 1671, 1696, 1767, 1808, 1810, 1969, 1987,
2199, 2218, 2233, 2275, 2293, 2330, 2388, 2415,
2492, 2523, 2624, 2644, 2661, 2689, 2735, 2752,
2759, 2785, 2800-2801, 2859, 2886, 2893, 2931,
3011, 3042, 3112-3114, 3223, 3245, 3258-3259, 3316,
3348, 3353, 3365, 3463, 3575, 3603, 3662, 3670,
3677, 3845, 3931, 3933, 3952, 3959, 3980, 3984,
4032, 4038, 4091, 4098, 4161, 4343, 4366, 4509,
4553-4554, 4607, 4610, 4679, 4691, 4827, 4860,
4928, 5015, 5032, 5038
HYPERTONIC SOLUTIONS: 1198, 1501, 1946,
2315, 3568, 3602, 3621
HYPERTRICHOSIS: 3331
HYPERTROPHY: 483, 539, 1207, 1868-1869, 1931,
2025, 2338, 2532, 2602, 3006, 3401, 3896, 4197,
4254, 4347, 4421-4422, 4520, 4653
HYPERVENTILATION: 701
HYPNOSIS: 4150
HYPNOTICS AND SEDATIVES: 816, 1090, 1529,
1941, 3024, 3038, 3563, 3584, 3700, 4280, 4385,
4672
HYPOCALCEMIA: 47, 174, 340-341, 412, 1003,
1358, 1511, 1862, 2329, 3113, 3125, 3147, 3523,
3526, 3698, 4960, 4988, 5042
HYPOGLYCEMIA: 107, 629, 942-943, 1224, 1289,
1305, 1323, 1358, 1368, 1566, 2180, 2455, 2723,
2732, 2817, 2836, 3175, 3288, 3577, 3984, 4150,
4250, 4291, 4626, 4738, 4819, 4851, 4924, 4952,
5029
HYPOGONADISM: 95, 119, 191, 322, 471, 699,
1216, 1337-1338, 1553, 1711, 1888, 2118, 2317,
2489, 2530, 2744, 2757, 2986, 3131, 3151,
3258-3259, 3379, 3540, 4086, 4401, 4525, 4564,
4737, 4749, 4947-4948, 4978
HYPOKALEMIA: 158, 417, 445, 650, 1136, 2209,
2446, 3179, 3468, 4747-4748, 4829
HYPONATREMIA: 235, 690, 1637, 2836, 3041, 3859,
4646, 4748
HYPOPARATHYROIDISM: 174, 803, 1010, 1707,
2630, 3115, 3125, 3135, 3278, 3291, 3678, 3911,
4386, 4960
HYPOPHOSPHATASIA: 1213
HYPOPHOSPHATEMIA, FAMILIAL: 1557, 2634
HYPOPHYSECTOMY: 68, 110, 242, 269, 279, 285,
428, 454, 458, 500, 520, 560, 726, 785, 836, 919,
998, 1011, 1037, 1116, 1152, 1156, 1282, 1334,
1357, 1359, 1439, 1564, 1595, 1653, 1756, 1885,
1919, 1934, 2101, 2143, 2211, 2222, 2438, 2551,
2573, 2613, 2653, 2670, 2703, 2739, 3255, 3388,
3393, 3415, 3428, 3624, 3695, 3737, 3745, 3913,
3939, 3944, 3973, 4018, 4100, 4109, 4171, 4512,
4516, 4519, 4528-4527, 4535, 4635, 4687, 4815,
4983
HYPOPITUITARISM: 322, 867, 957, 1064, 1553,
1637, 1903, 2424, 2610, 3288, 3379, 3484, 3693,
3865, 3969, 4163, 4195, 4564, 4646, 4653, 4910
HYPOPROTEINEMIA: 268, 3587, 3975
HYPOSPADIAS: 4967
HYPOTENSION: 339, 370, 563, 760, 1018, 1030,
1294, 1864, 2510, 2943, 3231, 3357, 3535, 4570
HYPOTENSION, CONTROLLED: 198, 4691
HYPOTENSION, ORTHOSTATIC: 445, 642, 3859,
4485, 4818, 4858
HYPOTHALAMUS-HYPOPHYSAL SYSTEM: 119,
191, 210, 218, 220, 279, 322, 364, 488, 554-555,
639, 654, 879, 943, 981, 1093, 1215, 1345, 1621,
1876, 1748, 1821, 2301, 2346, 2350, 2444, 2671,
2766-2767, 2929, 3041, 3155, 3159, 3262, 3598,
3602, 3655, 3693, 3777, 3834, 4243, 4538, 4546,
4630, 4695, 4876
HYPOTHALAMUS: 14, 30, 46, 66, 80-81, 86, 115,
137, 152, 202, 212, 229, 259, 262, 264, 286, 319,
356, 358, 363, 365, 402, 408, 473, 488, 511, 524,
529, 554-555, 564, 574, 596, 631, 656, 741, 753,
795, 825, 830, 899, 919, 939, 977, 980, 1153, 1180,
1184, 1206, 1248, 1269, 1305, 1327-1328, 1345,
1354, 1409-1410, 1412, 1421, 1438, 1456, 1476,
1494, 1504, 1511, 1535-1536, 1541, 1545, 1556,
1572, 1574, 1587, 1621, 1634, 1674, 1689-1690,
1763, 1769, 1775, 1780, 1792, 1799, 1801, 1804,
1844, 1878, 1896, 1924, 1942, 1960, 2013, 2050,
2096, 2138, 2191, 2202, 2213, 2222, 2309, 2311,
2343, 2349-2350, 2357, 2366, 2386, 2389, 2398,
2400, 2437, 2465, 2469, 2476-2477, 2481, 2487,
2518, 2572, 2671, 2674, 2687, 2698, 2700, 2757,
2782, 2816-2818, 2855, 2869, 2881, 2896, 2912,
2923, 2931, 2940, 2953, 2997, 3000, 3050, 3073,
3076-3077, 3096, 3103, 3146, 3158-3159, 3181, 3205,
3210, 3214, 3250, 3286, 3330, 3361, 3375, 3424,
3431, 3433, 3440, 3448, 3451-3452, 3520, 3528,
3541, 3549, 3556, 3564-3565, 3571, 3599, 3624,
3630, 3655, 3690, 3692-3693, 3731, 3740, 3771,
3777, 3815, 3819, 3838, 3845, 3884, 3923, 3925,
3927, 3946, 3949, 3969, 4005, 4007, 4103, 4106,
4110, 4150, 4159, 4198, 4210, 4212, 4249, 4263,
4331, 4432, 4450, 4478, 4518, 4562, 4580, 4593,
4606, 4630, 4677, 4686, 4690, 4724, 4733, 4774,
4779, 4787, 4789, 4794, 4838, 4867, 4886, 4892,
4925, 4934, 4946-4947, 4977, 4991, 5006, 5015,
5043
HYPOTHERMIA: 1153, 2820, 4309
HYPOTHERMIA, INDUCED: 3862, 4686
HYPOTHYROIDISM: 27, 252, 275, 310, 355, 358,
406, 464, 475, 561, 610, 744, 745, 756, 801, 1010,
1074, 1134-1135, 1368, 1523, 1594, 1605, 1625,
1636, 1640, 1671, 1696, 1793, 1846, 1969, 2026,
2039, 2082, 2137, 2199, 2218, 2275, 2330, 2388,
2414-2415, 2418, 2609, 2661, 2758-2759, 2816, 2820,
2859, 2862, 2886, 2931, 2964, 2975, 3011, 3112,
3114, 3245, 3316, 3348, 3353, 3410, 3471, 3639,
3678, 3759, 3845, 3960, 3969, 4091, 4167, 4195,
4274, 4366, 4509, 4607, 4696, 4824-4825, 4852,
4886, 4910, 4924, 5015, 5030, 5038
HYPOTONIC SOLUTIONS: 739, 3380
HYPOVENTILATION: 3394
HYPOXANTHINES: 406, 2504, 3474
HYPSSARRHYTHMIA: 1289
HYSTERECTOMY: 702, 1108, 1602, 1633, 1664,
1797, 1890, 2582-2583, 3139, 3312, 3373, 3527,
3607, 3877, 4121, 4650, 4660, 4850
HYSTEROSALPINGOGRAPHY: 303, 3567

I

- IATROGENIC DISEASE: 988, 1827, 2163, 3047,
4448, 4650
ICE: 952
ICHTHYOSIS: 123, 5011
IDAHO: 1977, 2905
IDENTIFICATION (PSYCHOLOGY): 3108
IDIOPATHIC HYPERTROPHIC SUBVALVULAR
STENOSIS: 1591
IDOXURIDINE: 1912, 2452, 2505, 3335, 3460
IGA: 196, 299, 608, 1043, 1470, 1514, 2269, 2887,
2925, 3052, 4253, 4328
IGE: 197, 2185, 4615
IGG: 60, 299, 608, 868, 1043, 1470, 1482, 1514,
1729, 2017, 2270, 2443, 2841, 2851, 2879, 2887,
2925, 3052, 3507, 3656, 3902, 4060, 4157, 4328,
4532, 4569, 4721
IGM: 60, 83, 299, 608, 1043, 1235, 1470, 1514,
2216, 2887, 2925, 3052, 3656, 3902, 4328, 4532
ILEOSTOMY: 932, 1147
ILEUM: 268, 313, 599, 721, 932, 1044, 1086, 1147,
1418, 1539, 1906, 2122, 2204, 2269, 2720, 3084,
3121, 3445, 4368, 4411, 4631, 4965
ILIAC VEIN: 1890
ILIUM: 302, 938, 1045
IMIDAZOLES: 232, 366, 673-674, 1527, 1972, 2334,
2392-2393, 2945, 4136, 4366, 4528, 4668, 4975
IMIDES: 1938, 2708
IMINES: 1476, 4170
IMPAMINE: 1374, 1747, 1980, 2488, 2656, 2776,
3088, 3405, 3921
IMMERSION: 1066
IMMOBILIZATION: 830, 1476, 1904, 2214, 2289,
2357, 3125, 3755, 3917, 4159, 4343, 4720, 4968
IMMUNE ADHERENCE REACTION: 91, 193, 689,
722, 949, 1229, 1470, 1738, 2270, 2678, 2716, 3765,
4731
IMMUNE COMPLEX DISEASE: 787
IMMUNE SERUMS: 101, 113, 138, 166, 171, 197,
273, 343, 395-396, 467, 506, 551, 569, 618, 755,
823, 1011, 1226, 1273, 1366, 1408, 1439, 1555,
1576-1577, 1590, 1592, 1678, 1729, 1784, 1828,
1881, 1904, 1915, 1984, 2020, 2074, 2226, 2316,
2362, 2507, 2519, 2877, 2933, 3114, 3139, 3166,
3258, 3316, 3390, 3477, 3877, 3883, 3916, 3986,
4014, 4080, 4084, 4109, 4143, 4328, 4335, 4378,
4499, 4555, 4616, 4644, 4653, 4684, 4731, 4850,
4894, 4954, 4985, 4991, 5040
IMMUNE TOLERANCE: 72, 2800, 4846
IMMUNITY: 203, 506, 848, 1154, 1265, 1300, 1482,
1738, 3278, 4848, 5028
IMMUNITY, CELLULAR: 91, 249, 507, 684, 848,
949, 1285, 1407, 1482, 1738, 1819, 1829, 1850,
2077, 3032, 3757, 3816, 4030, 4217, 4766, 4873
IMMUNITY, PASSIVE: 1577
IMMUNIZATION: 83, 154, 293, 837, 905, 1021,
1301, 1555, 1873, 1941, 3082, 3285-3286, 3466,
3585, 3916, 4340, 4786

SUBJECT INDEX

IMMUNOASSAY: 506-507, 671, 1720, 2037, 2455, 2742, 3351, 3651, 4218
 IMMUNOCHEMISTRY: 156, 3520, 4277
 IMMUNOELECTROPHORESIS: 171, 196, 826, 852, 1043, 1422, 1429, 1468, 1720, 1729, 2216, 2801, 2877, 2887, 3082, 3104, 3316-3317, 3351, 3514, 3666, 3824, 4060
 IMMUNOGENETICS: 83, 3733
 IMMUNOGLOBULIN FRAGMENTS: 196, 432, 1496, 2841, 3335, 4040
 IMMUNOGLOBULINS: 22, 60, 100, 299, 343, 848, 1119, 1267, 1429, 1568, 1889, 2032, 2106, 2316, 2601, 2678, 2998, 3052, 3062, 3276, 4378, 5048
 IMMUNOGLOBULINS, FAB: 4636
 IMMUNOLOGIC DEFICIENCY SYNDROMES: 268, 1470, 1514, 1889, 2706, 3603
 IMMUNOLOGIC DISEASES: 1655, 2463
 IMMUNOLOGIC MEMORY: 4846
 IMMUNOLOGIC TECHNIQUES: 3443
 IMMUNOSUPPRESSION: 37, 248, 684, 849, 1200, 1316, 1341, 1982, 2232, 2270, 2463, 2696, 3278, 3304, 5028
 IMMUNOSUPPRESSIVE AGENTS: 37, 193, 431, 510, 779, 1127, 1154, 1850, 1914, 2197, 2324, 2399, 2426, 2463, 2568, 2793, 3031, 3275-3276, 3455, 3490, 3531, 3782, 3915, 4224, 4396, 4608, 4889, 5052
 IMMUNOTHERAPY: 3531
 IMPOTENCE: 488, 642, 952, 1337-1338, 1426, 1717, 2317, 5037
 IN VITRO: 6-7, 39, 53, 50-57, 74, 88, 103, 187, 206, 247, 272-273, 289, 315, 324, 328, 333, 344, 357, 378, 392, 400, 442, 487, 500, 559, 599, 602, 605, 660, 696, 736, 758, 797, 822, 831, 846, 849, 886, 888, 913, 939-940, 944, 947, 960, 973, 979, 1004-1005, 1012, 1022, 1028, 1063, 1132, 1135, 1163, 1174, 1184, 1190, 1206, 1214, 1259, 1261, 1264, 1296, 1324, 1360, 1374, 1376, 1382, 1395, 1402, 1418, 1427, 1454, 1483, 1489, 1517, 1532, 1539, 1558, 1560, 1625, 1643, 1648, 1659, 1691, 1700, 1728, 1757, 1787, 1789, 1867, 1891-1892, 1908, 1910, 1972-1973, 1978, 2008, 2010, 2018, 2020, 2027, 2031, 2046, 2056, 2083, 2103, 2122-2123, 2185, 2200, 2202, 2205, 2230-2231, 2244, 2255, 2274, 2288, 2305, 2362, 2430, 2441, 2451, 2465, 2481, 2500, 2506, 2517, 2534, 2536-2537, 2559-2560, 2582, 2598, 2633, 2653, 2688, 2674, 2679-2680, 2690, 2708, 2716, 2720, 2728, 2736, 2741, 2745, 2760, 2763, 2774, 2806, 2843-2844, 2876-2880, 2895, 2934, 2973, 2976, 3000, 3009, 3011, 3021-3022, 3055, 3058, 3060, 3102, 3116, 3121, 3161, 3165, 3171, 3189, 3222, 3241, 3260, 3272, 3288, 3296-3299, 3314, 3321, 3333, 3340, 3405, 3407, 3426, 3428, 3440, 3453, 3501, 3508, 3528-3529, 3548, 3588, 3592, 3609, 3659, 3672, 3676, 3688, 3701, 3728, 3736, 3775, 3803, 3843, 3858, 3867, 3878, 3916, 3921, 3979, 3987, 4005, 4013, 4025, 4047-4048, 4062, 4087, 4117, 4134, 4221, 4226, 4257, 4274, 4289, 4297, 4303, 4321, 4323, 4333, 4339, 4351, 4354, 4368, 4371, 4433, 4442, 4475, 4528, 4539-4540, 4552, 4557, 4571, 4573, 4581, 4584, 4597-4598, 4606, 4619, 4622, 4666, 4701, 4703, 4718, 4739, 4746, 4765, 4827, 4842, 4844, 4870, 4879, 4883, 4903, 4906-4907, 4932, 4935, 4938, 4940, 4944, 4958, 4964, 4972, 4992-4993, 4998-4999, 5006, 5008, 5040
 INBREEDING: 13, 305
 INCEST: 3467
 INCISOR: 3142, 3557
 INCLUSION BODIES, VIRAL: 3554, 4256
 INCUBATORS: 720
 INDANZOLES: 4046
 INDENES: 459
 INDIA: 40, 3173, 3697, 3978, 4530
 INDIAN OCEAN ISLANDS: 1232
 INDIAN: 4900
 INDICATOR DILUTION TECHNIQUES: 1548
 INDICATORS AND REAGENTS: 166, 534, 1063, 1325, 1533, 1554, 1617, 1884, 1897, 2274, 2501, 2514, 2630, 3938, 4923
 INDIUM: 4578
 INDOLEACETIC ACID: 4331
 INDOLES: 552, 824, 879, 2005, 2191, 3573, 3665, 3754, 4207
 INDOMETHACIN: 42, 59, 103, 125, 150, 431, 502, 519, 796, 941, 976, 1007, 1053, 1312, 1551, 1806, 1827, 1836, 1852, 1962, 2017, 2057, 2083, 2094, 2178, 2570, 3106, 3436, 3642, 3708, 3757, 3810, 3938, 4248, 4404, 4483, 4508, 4595, 4716, 4761, 5052

INDUSTRIAL MEDICINE: 2240, 2550, 4544
 INFANT: 189, 234, 323, 430-431, 719, 829, 848, 938, 1049, 1120, 1151, 1193, 1241, 1300, 1323, 1358, 1387, 1433, 1665, 1843, 1931, 2034, 2082, 2102, 2124, 2326, 2328, 2502, 2682, 2833, 2852, 2862, 2889, 2995, 3012, 3035, 3047, 3306, 3324, 3347, 3387, 3410, 3458, 3603, 3801, 4055, 4086, 4125, 4141, 4312, 4377, 4545, 4602, 4614, 4746, 4912, 4924
 INFANT FOOD: 711
 INFANT MORTALITY: 281, 965, 1350, 1358, 5047
 INFANT, NEWBORN: 25, 189, 214, 323, 340-341, 376, 431, 501, 543, 600, 607-608, 692, 768, 880, 904, 959, 1006, 1021, 1151, 1268, 1300, 1308, 1353, 1358, 1433, 1550, 1686, 1705, 1711, 1742, 1938, 2004, 2014, 2082, 2107, 2133, 2186, 2326, 2328, 2502, 2575, 2681, 2764, 2769, 2818, 2862, 2889, 2900, 3035, 3237, 3269, 3282, 3316, 3372, 3458, 3518, 3741, 3806, 3840, 3847, 3850, 3958, 3964, 4037, 4055, 4189, 4258, 4419, 4912, 4955, 5042
 INFANT, NEWBORN, DISEASES: 340-341, 693, 1135, 1358, 1580, 1686, 1766, 2006, 2082, 2328, 2862, 2889, 3269, 3577, 3812, 3958, 4955
 INFANT NUTRITION: 341, 1744, 3518, 5042
 INFANT NUTRITION DISORDERS: 1562, 5047
 INFANT, PREMATURE: 608, 711, 1006, 1832, 2889, 3237, 3577, 4826, 5047
 INFANT, PREMATURE, DISEASES: 780, 2681
 INFARCTION: 73, 621, 1202, 1704, 2327, 2889, 3100, 4040, 4826
 INFECTION: 701, 1718, 1841, 2426, 2463, 3017, 4031, 4753, 4872, 4877, 4986
 INFECTIOUS MONONUCLEOSIS: 3574
 INFERIOR COLLICULUS: 2997
 INFLAMMATION: 154, 160, 303, 449, 608, 787, 976, 1146, 1390, 1547, 1592, 1699, 2356, 2507, 3360, 3537, 3542, 3575, 3880, 4585, 4648, 4873
 INFLUENZA: 1453
 INFLUENZA VACCINE: 4836
 INFLUENZA VIRUSES: 1453, 1517
 INFORMATION RETRIEVAL SYSTEMS: 342, 3914
 INFORMED CONSENT: 1117, 1164, 3342
 INFUSIONS, PARENTERAL: 99, 181, 489, 570, 634, 706, 1098, 1171, 1452, 1481, 1612, 1882, 1946, 2079, 2132, 2170, 2393, 2535, 2610, 2612, 2622, 2710, 2836, 2840, 3041, 3093, 3189, 3227, 3380, 3454, 3526, 3589, 3700, 3731, 4014, 4411, 4507, 4748, 4840
 INGUINAL HERNIA: 1099, 2328
 INHALATION THERAPY: 537, 1492, 3198, 3844, 3887
 INHIBITION (PSYCHOLOGY): 3158, 4350
 INJECTIONS: 154, 262, 301, 304, 319, 406, 670, 675, 702, 874, 1036, 1094, 1108, 1311, 1326-1327, 1377, 1864, 2307, 2334, 2338, 2349, 2558, 2731, 2864, 2877, 2923, 3196, 3250-3251, 3627, 4015, 4200, 4203, 4309, 4413, 4448, 4593, 4690, 4887, 5001, 5005, 5018
 INJECTIONS, INTRA-ARTERIAL: 80, 725, 809, 1243, 1280, 2057, 2753, 3228, 3515, 3786, 3882, 4336, 4381, 4840
 INJECTIONS, INTRA-ARTICULAR: 478, 1036, 1112, 1464, 1773, 1875, 2113, 3013, 3786, 3917, 4717
 INJECTIONS, INTRADERMAL: 3290, 3786, 4815, 5011
 INJECTIONS, INTRAMUSCULAR: 28, 209, 222, 470, 512, 536, 541, 582, 603, 1064, 1083, 1094, 1218, 1521, 1685, 1737, 1799, 2043, 2147, 2149, 2261-2262, 2270, 2426, 2466, 2863, 3099, 3150, 3152, 3168, 3196, 3203, 3251, 3484, 3590, 3786, 3802, 3887, 4008, 4113, 4265, 4462, 4545, 4765
 INJECTIONS, INTRAPERITONEAL: 32, 75, 105, 149, 209, 262, 535, 620, 702, 788, 796, 1069-1070, 1118, 1242, 1586-1587, 1727, 1901, 2072, 2142, 2318, 2434, 2451, 2587, 2720, 2825, 2890, 2899, 3122, 3271, 3560, 3594, 3695, 3855, 4097, 4133, 4349, 4465, 4593, 4844
 INJECTIONS, INTRAVENOUS: 10, 75, 80, 165, 198, 209, 227, 293, 319, 413, 497, 513, 541, 570, 599, 603, 610, 615, 638, 678, 714, 805, 823, 882, 889, 992, 1039, 1069-1070, 1094, 1158, 1168, 1255, 1276, 1280, 1300, 1311, 1328, 1341, 1376, 1436, 1447, 1452, 1493, 1629, 1684, 1692, 1718, 1745, 1755, 1894, 2147, 2179, 2250, 2270, 2293, 2372, 2426, 2439, 2492, 2583, 2688, 2721, 2731, 2838, 2877, 2898, 2927, 2962, 2984, 3019, 3059, 3077, 3126, 3150, 3152, 3163, 3168, 3203, 3227, 3237, 3308, 3396, 3432, 3491, 3499, 3530, 3560, 3583, 3589, 3618, 3622, 3643, 3660, 3700, 3806, 3846,

3922, 3930, 4186, 4200, 4219, 4238, 4349, 4413, 4426, 4462, 4465-4466, 4784, 4873, 5011
 INJECTIONS, SUBCUTANEOUS: 32, 702, 737, 753, 772, 924, 1088, 1118, 1223, 1242, 1283, 1310, 1423, 1442, 1531, 1821, 1844, 1935, 2040, 2072, 2270, 2277, 2318, 2466, 2542, 2717, 2791, 2837, 2883, 3137, 3150-3152, 3210, 3227, 3333, 3361, 3423, 3442, 3615, 3622, 3695, 3684, 4020, 4097, 4122, 4153, 4183, 4262, 4507, 4639
 INOSINE: 2504
 INOSINE NUCLEOTIDES: 148, 461, 1183, 1291
 INOSITOL: 2778, 3200, 4808
 INSECT VECTORS: 2545
 INSECTICIDES, BOTANICAL: 1741
 INSECTICIDES, ORGANOPHOSPHATE: 405, 1992
 INSECTICIDES, ORGANOTRIPHOSPHATE: 573
 INSECTS: 308, 694, 953, 1384, 1448, 2130, 2148, 2310, 2921, 4370
 INSEMINATION: 3646, 3778
 INSEMINATION, ARTIFICIAL: 427, 1041, 1488, 1799, 2107, 2614, 3227, 3469
 INSULIN: 30, 40, 80-81, 107, 110, 119, 126, 218, 278, 281, 324, 386, 397, 404, 489, 499, 542, 557, 609, 627, 629, 653, 671, 673, 847, 912, 942-943, 1023, 1116, 1128, 1243, 1252, 1271, 1289, 1305, 1310, 1342, 1358, 1365, 1368, 1382, 1493, 1530, 1562, 1596, 1615, 1643, 1730, 1751-1752, 1754, 1780, 1783, 1924, 1950, 2027, 2104, 2119, 2143, 2160, 2180, 2271, 2352, 2365, 2369, 2372, 2393, 2432, 2455, 2457, 2513, 2515, 2544, 2610, 2723, 2732, 2870, 2890, 2892, 2939, 2960, 2993, 3087, 3093, 3175-3176, 3187, 3237, 3257, 3288, 3363-3364, 3367, 3377, 3397, 3433, 3451, 3460, 3466, 3501, 3510, 3524, 3528, 3530, 3615, 3620, 3627, 3689, 3743-3744, 3759, 3782, 3810, 3837, 3884, 3928, 3950, 3965, 3973, 4012, 4020, 4062, 4065, 4091, 4150, 4218-4219, 4250, 4291, 4445, 4487, 4541, 4576, 4626, 4653, 4666, 4692, 4779-4780, 4851, 4882, 4952, 5029, 5031, 5043
 INSULIN ANTIBODIES: 40, 1358, 2993
 INSULIN, ISOPHANE: 1812
 INSULIN, LENTE: 2871
 INSULIN, PROTAMINE ZINC: 3985
 INSULIN RESISTANCE: 107, 965, 3841, 3965
 INTELLIGENCE: 189, 3108, 3577, 4023, 4983
 INTELLIGENCE TESTS: 189, 1812, 3097, 3577
 INTENSIVE CARE UNITS: 1177, 2166, 3563, 3700
 INTERCELLULAR JUNCTIONS: 508, 2310, 3267, 5040
 INTERCOSTAL MUSCLES: 962, 990
 INTERFERON: 23, 69, 3574, 4874
 INTERFERON INDUCERS: 60, 4274
 INTERMITTENT CLAUDICATION: 4457
 INTERNEURONS: 2312
 INTERPERSONAL RELATIONS: 2833, 3467
 INTERPROFESSIONAL RELATIONS: 3342, 3532
 INTERVERTEBRAL DISK: 1879, 4617
 INTERVERTEBRAL DISK DISPLACEMENT: 1487
 INTERVIEW, PSYCHOLOGICAL: 3030, 4350
 INTESTINAL ABSORPTION: 175, 258, 266, 497, 533, 714, 728, 792, 803-805, 856, 877, 1002, 1080, 1147, 1344, 1348, 1431, 1584, 2363, 2853, 2778, 2828, 2877, 2887, 2960, 3125, 3343, 3643, 3686, 4038, 4134, 4211, 4264, 4409-4411, 4631, 4806, 4965, 4998, 5048
 INTESTINAL ATRESIA: 1049
 INTESTINAL DISEASES: 258, 332, 1294, 3319
 INTESTINAL MUCOSA: 377, 516, 728, 804, 856, 1044, 1260, 1274, 1348, 1451, 2204-2205, 2737, 2787, 2850, 2887, 2943, 3368, 3525, 4087, 4134, 4264, 4613, 4631, 4729, 5048
 INTESTINAL NEOPLASMS: 24, 3445, 3534, 3603, 4556
 INTESTINAL OBSTRUCTION: 1294, 3273, 3859, 4057, 4650
 INTESTINAL POLYPS: 1480, 1890
 INTESTINAL SECRETIONS: 1274, 2204, 2850
 INTESTINE, LARGE: 24, 3422, 4496
 INTESTINE, SMALL: 24, 228, 377, 679, 721, 804, 1221, 1274, 1583, 1660, 1895, 2000, 2122-2123, 2653, 2737, 2778, 3387, 3417-3418, 3422, 3631, 4034, 4096, 4134, 4257, 4411, 4459, 4496, 4631, 4650, 4673, 4935, 4965, 4998, 5048
 INTESTINES: 299, 396, 415, 532, 599, 620, 720, 725, 802, 1003, 1534, 1736, 1761, 1788, 1832, 1898, 1903, 2040-2041, 2145, 2263, 2469, 2850, 2941, 3008, 3195, 3310, 3319, 3512, 4025, 4196, 4465, 4632, 4776
 INTRACRANIAL PRESSURE: 1151, 2734, 3164, 3893

SUBJECT INDEX

INTRAOCULAR PRESSURE: 777, 1629, 1945, 2396, 2886, 3856, 4448, 4671
 INTRAUTERINE DEVICES: 26, 186, 1292, 1377, 1778, 1824, 1988, 3173, 4288, 4296, 4515
 INTRINSIC FACTOR: 4443, 4806
 INTUBATION: 4776
 INTUBATION, GASTROINTESTINAL: 1250, 2393, 3604, 3792, 4134, 5048
 INTUBATION, INTRATRACHEAL: 676, 3521, 4377
 INTUSSUSCEPTION: 3593
 INULIN: 73, 108, 131, 452, 882, 1546, 1826, 2612, 3043, 3347, 3370, 3583, 3854, 3929, 4235
 INVERTEBRATE HORMONES: 1281, 4842
 INVERTEBRATES: 1179
 IODIDES: 34, 1022, 1363, 1719, 1802, 2082, 3202, 3558, 3641, 4289, 4357, 4641, 4844, 4811, 4813, 4871
 IODINE: 16, 22, 33-34, 157, 166, 180, 355, 386, 413, 451, 637, 661, 716, 758, 784, 833, 969, 981, 1065, 1229, 1369, 1450, 1483, 1600, 1825, 1822, 1982, 2034-2035, 2040, 2143, 2161, 2188, 2199, 2418, 2543-2544, 2587, 2723, 2761, 2854, 2941, 3042, 3344, 3503, 3558, 3560, 3612-3613, 3759, 3818, 3845, 3879, 3959, 4207, 4289, 4345, 4357, 4586, 4595, 4841, 4844-4845, 4713, 4809, 4907-4908
 IODINE ISOTOPES: 157, 3042
 IODINE ISOTOPES, DIAGNOSTIC: 637, 743, 969, 1314, 1625, 1668, 1802, 1808, 1854, 2210, 2275, 2332, 2418, 2899, 3283, 3463, 3477, 3503, 3693, 3978, 4223, 4225, 4427, 4929
 IODINE RADIOISOTOPES: 22, 33-34, 72, 146, 166, 180-181, 223-224, 284, 293, 345, 355, 412, 451, 475, 551, 581, 605, 610, 635, 661, 686, 716, 755-756, 758, 823, 845, 947, 959, 981, 984, 1006, 1022, 1025, 1072, 1081, 1114, 1159, 1212, 1228-1229, 1271, 1296, 1305, 1329, 1369-1370, 1380, 1382, 1392, 1408, 1473, 1523, 1551, 1558, 1607, 1625, 1630, 1636, 1658, 1696, 1782, 1818, 1852, 1934, 1962, 2017, 2023, 2026, 2040-2041, 2082, 2131, 2161, 2171, 2267-2268, 2275, 2284, 2294, 2304, 2316, 2362, 2439, 2543-2544, 2598, 2609, 2646-2647, 2761, 2785, 2806, 2809, 2825-2826, 2854, 2859, 2865, 2877, 2879-2880, 2884, 2899, 2905, 2941, 2974, 2993, 2996, 3104, 3112-3114, 3149, 3185, 3245, 3266, 3286, 3315, 3326, 3333, 3352, 3367, 3443, 3446, 3558, 3670, 3709-3709, 3726, 3747, 3818, 3960, 3985, 3979, 4009, 4081, 4088, 4099, 4135, 4157, 4234, 4277, 4286, 4335, 4357-4358, 4365, 4375, 4509, 4513, 4554-4555, 4562, 4568, 4586, 4595, 4810, 4841, 4845, 4859, 4864, 4880, 4770, 4809, 4811, 4824, 4907, 5032
 IODIPAMIDE: 2688
 IODIZED OILS: 2040
 IODOACETATES: 272, 517, 655, 2237, 2678, 3186, 4341, 4365, 4418, 4523, 4920-4921
 IODOBENZOTATES: 2688
 IODOPROTEINS: 157, 1329, 3104, 4644
 IODOTYROSINE: 11, 180, 1994, 2543, 2884, 3503, 3558, 4641
 ION EXCHANGE: 1877, 3850, 4502
 ION EXCHANGE RESINS: 477
 IONS: 1137, 4095, 4803
 IONTOPHORESIS: 160, 240, 410, 1193, 2431, 4084-4085, 4381
 IOTHALAMIC ACID: 2439
 IPRINDOLE: 1980
 IPRONIAZID: 378, 1917, 2656, 3225
 IPROVERATRIL: 327, 1208, 1303, 2460, 3563, 3907
 IRAN: 79
 IRIDOCYCLITIS: 3704
 IRIS: 154, 396, 2403, 3264, 3399, 4196
 IRON: 266, 401, 548, 543, 802, 928, 963, 1262, 1313, 1669, 2117, 2681, 2828, 2839, 2893, 3069, 3082, 3118, 3422, 3590, 3621, 4463, 4621, 4727, 4752, 4760, 4932, 5041
 IRON-DEXTRAN COMPLEX: 2337
 IRON RADIOISOTOPES: 718, 4932
 IRRIGATION: 4289
 IRRITANTS: 701
 ISCHEMIA: 24, 790, 929, 1823, 1906, 1952, 1971, 2183, 2573, 2593, 3536, 3671, 3792, 4176, 4565
 ISLANDS OF LANGERHANS: 397, 653, 912, 960, 1128, 1310, 1323, 2134, 2500, 2732, 3815, 4626, 4892
 ISLET CELL TUMOR: 1808, 3443
 ISOANTIBODIES: 1829, 4823
 ISOANTIGENS: 1021, 1467, 1829, 3940, 4376, 4629, 4636
 ISOCITRATE DEHYDROGENASE: 280, 1512, 4529, 4893

ISOCITRATES: 1512, 1898
 ISOELECTRIC FOCUSING: 499, 1432, 1508, 2230, 2544, 3289, 4080, 4140
 ISOENZYMES: 415, 915, 1070, 1443, 1459, 1605, 1673, 2003, 2145, 2263, 3238, 3684, 4453, 4848, 4881
 ISOFLUOROPHATE: 169, 808
 ISOLEUCINE: 531, 2486, 4756
 ISOMERASES: 1333, 3336, 3407, 4901
 ISOMERISM: 1386, 1431, 1721, 2144, 3212, 4606, 4920
 ISONIAZID: 416, 1949, 1995, 2080, 2247, 3941, 4172, 4530, 4872, 4900
 ISOPROTERENOL: 178, 202, 490, 570, 653, 665, 794, 797, 821, 985, 1158, 1201, 1303, 1363, 1449, 1530, 1579, 1610, 1680, 1715, 1747, 1755, 1829, 2031, 2185, 2200, 2448, 2460, 2471, 2500, 2895, 3088, 3248, 3280, 3264, 3419, 3815, 3872-3873, 3897, 4039, 4044, 4046, 4053, 4093, 4201, 4213, 4220, 4303, 4323, 4369, 4418, 4486, 4598, 4903
 ISOQUINOLINES: 4085
 ISOTONIC SOLUTIONS: 1198, 1612, 2439, 3041, 3093
 ISOTOPE LABELING: 855, 1271, 1740, 2323, 2454, 2543-2544, 2646, 3298, 3405, 3519, 3558, 3566, 3906, 3947, 4284, 4427, 4432, 4573, 4724
 ISOXSUPRINE: 4939
 ISRAEL: 82
 ITALY: 643, 815, 828, 1668, 2935-2936, 3383-3384, 4073-4074
 JACKSONIAN SEIZURE: 1120, 4602
 JAPAN: 720, 783, 818, 971, 1777, 1926, 2505, 2952, 3376, 3818, 4481, 4637
 JAUNDICE: 930, 3984, 5017
 JAUNDICE, NEONATAL: 692, 780, 1021, 3806
 JAUNDICE, OBSTRUCTIVE: 415, 2088, 3072
 JAW: 3557
 JAW DISEASES: 1760, 2778
 JAW NEOPLASMS: 3369
 JEJUNUM: 313, 721, 932, 1163, 1348, 1451, 1806, 2122, 2333, 2744, 2887, 3084, 4264, 4411, 4556, 4739, 4965
 JOINT DISEASES: 981, 1036, 1045, 1143, 1202, 1875, 1879, 3369, 3488, 3746, 3756, 4329, 4353, 4367, 4483, 4544, 4617, 4717, 4917, 4997, 5014
 JOINT PROSTHESIS: 1143, 1187, 1704, 2229, 3346, 4353, 4393, 4996, 5057
 JOINTS: 187-188, 2113
 JUGULAR VEIN: 1724, 2250, 3667, 3868, 4238, 4290
 JURISPRUDENCE: 1231, 3063, 3342, 3532
 JUVENILE HORMONES: 389, 1741, 4027
 JUXTAGLOMERULAR APPARATUS: 445, 558, 577, 1620, 3546, 3902, 4185, 4237, 4267, 4280, 4829, 5025
 K
 KALLIKREIN: 2853, 2943, 3195, 3515, 4549, 4873
 KALLIKREIN-TRYPSIN INACTIVATOR: 2339, 2943
 KANAMYCIN: 1438, 2587, 4982
 KAOLIN: 303, 356, 449, 1934
 KARYOMETRY: 3630, 4269, 4414, 5012
 KARYOTYPING: 307, 323, 336, 503, 543, 566, 633, 771, 828, 880, 892-893, 911, 916, 968, 1020, 1041, 1077, 1160, 1253, 1339, 1347, 1543, 1766, 1832, 2130, 2148, 2299, 2325, 2390-2391, 2402, 2421, 2435, 2498-2499, 2522, 2604, 2711, 2716, 2832, 2856, 2858, 3004, 3089, 3111, 3117, 3234, 3265, 3282, 3335, 3376, 3464, 3522, 3697, 3803, 3812-3813, 3893, 4023-4024, 4037, 4072, 4118, 4145, 4193, 4222, 4240, 4379, 4388, 4392, 4440, 4503, 4537, 4577, 4594, 4689, 4725, 4745, 4762, 4766, 4817, 4822, 4916, 4927, 4941, 4967, 4972, 4983, 5004, 5040
 KELOID: 1701, 3290
 KENYA: 414
 KERATITIS: 1827, 4505, 4534
 KERATOCONJUNCTIVITIS: 4431
 KERATOSIS: 649, 3764
 KETAMINE: 4266
 KETO ACIDS: 132, 152
 KETOACID-LYASES: 855
 KETOGLUTARIC ACID: 1297, 3919, 4484
 KETONE BODIES: 110, 1950, 1864, 3055, 3093, 3762

KETONE OXIDOREDUCTASES: 1297, 1834
 KETONES: 35, 1752, 1993, 4207, 4994
 17-KETOSTEROIDS: 106, 219, 250, 514, 1026, 1227, 1500, 1511, 1637, 1703, 1927, 2401, 2550, 2604, 2853, 2870-2871, 2947, 2952, 3071, 3097, 3119, 3124, 3197, 3336, 3424, 3487, 3566, 3763, 3835, 3837, 4115, 4218, 4382, 4890, 4966
 KETOSTEROIDS: 182, 559, 753, 1026, 1085, 1485, 1606, 1835, 1973, 2099, 2208, 2769, 2937, 3566, 4020, 4078, 4101, 4244, 4269, 4433, 4497, 4802, 4891, 4901, 4994
 KHELLIN: 3977
 KIDNEY: 12, 34, 37, 61, 73, 90, 131, 149, 151, 156, 175, 209, 223, 228, 233, 237, 248, 295, 306, 315, 330, 344, 367, 452, 461-462, 494, 512, 532, 605, 669, 686, 711, 733, 754, 763, 792, 803-805, 810, 831, 849, 858, 861-862, 868, 915, 929, 983, 1002-1003, 1007, 1013, 1030, 1043, 1127, 1137, 1198, 1238, 1246, 1258, 1265, 1273, 1301, 1341, 1387, 1411, 1414, 1446, 1449, 1455, 1474, 1512-1513, 1604, 1620, 1651, 1705, 1739, 1754, 1781, 1781, 1802-1803, 1811, 1814, 1820, 1826, 1850, 1865, 1886, 1890, 1895, 1914, 1916, 1927, 1929, 1952, 1958, 2006, 2040, 2057, 2064, 2068, 2081, 2085, 2106, 2145, 2163, 2184, 2232, 2234, 2270, 2283, 2304, 2311, 2313-2314, 2318, 2324, 2342, 2358, 2371, 2396, 2399, 2410, 2412, 2439, 2471, 2505-2506, 2546, 2570, 2573, 2593-2594, 2605, 2612, 2617, 2628, 2706, 2740, 2754, 2761, 2780-2781, 2810, 2814, 2839, 2847, 2884, 2897, 2927, 2933-2934, 2977, 2982, 2984-2985, 2990, 3038, 3043, 3058, 3081, 3092, 3105, 3118, 3138, 3162, 3165, 3167, 3172, 3242, 3315, 3319, 3321, 3328, 3340, 3370, 3387, 3411, 3422, 3429, 3447, 3461, 3491, 3516, 3536, 3556-3557, 3559, 3565, 3576, 3583, 3600, 3629, 3631, 3633, 3660, 3713, 3803, 3824, 3854-3855, 3916, 3919, 3940, 3948, 3972, 3979, 3994, 4040, 4059, 4081, 4096, 4164, 4174, 4176, 4185, 4187, 4190, 4197, 4201, 4237, 4293, 4305, 4321, 4351, 4358, 4372, 4407, 4459, 4496, 4548-4549, 4585, 4572, 4588, 4641, 4673, 4702, 4715, 4727, 4729, 4739, 4747-4748, 4753, 4760, 4783, 4786, 4854, 4865, 4878, 4899, 4919, 4971, 4980, 4987, 5012, 5031, 5042, 5044, 5046, 5051-5052
 KIDNEY CALCULI: 406, 1147, 1335, 1810, 2321, 2710, 3084, 3125, 3343, 3392, 3753, 4071
 KIDNEY CONCENTRATING ABILITY: 1811, 2283, 2612, 3347, 4051
 KIDNEY CORTEX: 164, 393, 431, 577, 686, 1002, 1392, 1620, 1831, 1886, 2057, 2163, 2284, 2439, 2471, 2570, 2775, 2843, 2941, 3081, 3192, 3315, 3456, 4185, 4548, 4940, 5012
 KIDNEY CORTEX NECROSIS: 2573
 KIDNEY DISEASES: 125, 344, 347, 445, 733, 787, 803, 858, 868, 882, 929, 1054, 1387, 1584, 1664, 1705, 1805, 1811, 1889, 1966, 2014, 2234, 2283, 2394, 2620, 2814, 3319, 3347, 3370, 3630, 4031, 4187, 4280, 4417, 4549, 4763, 4854, 4971, 5052
 KIDNEY FAILURE, ACUTE: 675, 1301, 2372, 2409, 2466, 2497, 3145, 3179, 3540, 3766, 4176, 4372, 4477, 4706
 KIDNEY FAILURE, CHRONIC: 78, 144, 146, 173, 175, 193, 200, 352, 361, 386, 532, 714, 733, 792, 805, 858, 954, 1002, 1216, 1256, 1322, 1431, 1733, 1811, 1814, 1840, 1956, 2232, 2324, 2329, 2440, 2479, 2497, 2586, 2594, 2605, 2807, 2944, 3114, 3145, 3167, 3370, 3392, 3486, 3559, 3595, 3600, 3687, 3766, 3795-3796, 4038, 4041, 4051, 4843, 4906, 4996, 5031, 5051
 KIDNEY FUNCTION TESTS: 144, 248, 1630, 1546, 2085, 2324, 2342, 2892, 2934, 3043, 3347, 3583, 3605, 3854, 4372, 4747
 KIDNEY GLOMERULUS: 431, 787, 868, 1803, 3370, 3854, 4715, 4747-4748
 KIDNEY MEDULLA: 164, 686, 1620, 1651, 2057, 2439, 2471, 2570, 3092, 3456, 4351, 5012
 KIDNEY NEOPLASMS: 330, 429, 519, 684, 946, 1205, 1387, 1515, 1589, 1739, 2068, 2234, 2292, 3003, 3162, 3668, 4131, 4284, 4675, 4715, 4729, 4829, 4919, 4976, 5025
 KIDNEY PELVIS: 4305
 KIDNEY, POLYCYSTIC: 1584, 1733, 4753, 4783
 KIDNEY TUBULES: 861, 1002, 1389, 1392, 1442, 1803, 1826, 2329, 2506, 2573, 2743, 3125, 3328, 3512, 3718, 3766, 4079, 4095, 4298, 4748, 5012, 5046
 KIDNEY TUBULES, DISTAL: 452, 3145, 3718, 4747

SUBJECT INDEX

KIDNEY TUBULES, PROXIMAL: 73, 452, 2355, 2612, 3315, 3718
 KINETICS: 2, 12, 18, 94, 124, 148, 169, 224, 312, 316, 334, 366, 388, 461-462, 469, 487, 497, 509, 604, 648, 655, 672, 730, 797, 837, 855, 885, 890, 928, 1025, 1046, 1124, 1254, 1265, 1291, 1312, 1336, 1399, 1441, 1443, 1474, 1490, 1511-1513, 1520, 1582, 1584, 1595, 1644, 1856, 1858, 1870, 1712, 1764, 1817, 1829, 1834, 1859, 1898, 1904, 1918, 1932, 1957-1959, 1980, 2001, 2003, 2027-2028, 2078, 2117, 2134, 2141, 2173, 2192, 2195, 2205, 2287, 2352, 2398, 2495, 2527, 2557, 2591, 2680, 2690, 2733, 2738, 2806, 2821, 2834, 2859, 2872, 2879-2880, 2912, 2921, 2930, 2937, 3044, 3165, 3190, 3202, 3207, 3212, 3225, 3238, 3313, 3321, 3336, 3367, 3378, 3460, 3519, 3578-3579, 3613, 3710, 3748, 3757, 3768, 3863, 3950, 3960, 3968, 3988, 4005, 4032, 4049, 4052, 4056, 4081, 4089, 4111, 4124, 4136, 4148, 4201, 4255, 4287, 4341, 4354, 4365, 4383, 4387, 4434, 4453, 4484, 4501, 4513-4514, 4529, 4558, 4575-4576, 4582, 4584, 4606, 4680, 4697, 4735, 4739, 4752, 4782, 4813, 4856, 4873, 4881, 4901, 4903, 4909, 4920, 4963, 5002, 5008
 KININASE II: 1195, 1620, 2016
 KININOGENS: 1053, 1221, 4585
 KININS: 1221, 2374, 2484, 2853, 2943, 3515, 3938, 4585
 KLINEFELTER'S SYNDROME: 78, 322, 456, 609, 1160, 1383, 1716, 1766, 2421, 2604, 2744, 2858, 3097, 3265, 3402, 4193, 4745, 4817, 5004
 KLIPPEL-FEIL SYNDROME: 2985
 KNEE: 640, 681, 1704, 2581
 KNEE JOINT: 187-168, 573, 881, 1187, 1704, 3369, 3398, 3746, 3797, 4717, 5057
 KREBS CYCLE: 2116, 2237, 2251, 2371, 2680, 2943, 4484
 KUPFFER CELLS: 3350, 3608
 KURU: 2833
 KWASHIORKOR: 1562
 KYNURENINE: 18, 2897, 4552, 4900
 KYPHOSIS: 263, 1298, 3111, 3389, 3758

L

L CELLS: 69, 2135, 3351, 3411, 4289, 4508
 L FORMS: 1200
 LABOR: 213-214, 412, 470, 589, 603, 702, 706, 1039, 1071, 1084, 1118, 1277, 1286, 1309, 1315, 1601, 1650, 1670, 1685, 1720, 1927, 2196, 2769, 2868, 2896, 3095, 3100, 3243, 3317, 3414, 3543, 3642, 3840, 3886, 4143, 4560, 4591, 4719, 4870, 4905
 LABOR COMPLICATIONS: 214, 1650, 2238, 3373, 3523, 3543, 3806
 LABOR, INDUCED: 93, 603, 634, 1039, 2079, 2132, 3087, 3095, 3126, 3243, 3336, 3806, 4200, 4283
 LABOR, PREMATURE: 607, 2186, 4826
 LABOR PRESENTATION: 2575
 LABYRINTH: 92, 2235
 LABYRINTH DISEASES: 2900
 LACRIMAL APPARATUS: 1333, 3787
 LACTATE DEHYDROGENASE: 5, 30, 234, 280, 597, 744, 885, 1070, 1565, 1906, 2017, 2019-2020, 2103, 2471, 2576, 2690, 3026, 3431, 3600, 3737, 4347, 4898
 LACTATE DEHYDROGENASE ISOENZYMES: 1565, 4301
 LACTATES: 78, 278, 489, 544, 697, 799, 1389, 1544, 2228, 2303, 2429, 2504, 2513, 2623, 2916, 3022, 3064, 3093, 3294, 3524, 3782, 4100, 4238, 4683
 LACTATION: 31, 71, 170, 199, 241, 246, 255, 299, 388, 528, 547, 563, 589, 663, 670, 700, 815, 818, 870, 1041, 1123, 1307, 1345, 1455, 1488, 1670, 1714, 1744, 1783, 1844-1845, 1901, 1950, 2004, 2038, 2115-2116, 2196, 2228, 2296, 2308, 2386, 2481, 2614, 2659, 2682, 2825, 2830, 2846, 3000, 3006, 3016, 3194, 3200, 3268, 3489-3490, 3507, 3515, 3527, 3623, 3669, 3691, 3705, 3707, 3710, 3713, 3761, 3805, 3829, 3877, 4099, 4105, 4143, 4205-4206, 4226, 4238, 4300, 4413, 4451, 4468, 4560, 4603, 4676, 4739, 4757, 4905, 4965, 4989, 5000-5003, 5013
 LACTATION DISORDERS: 322, 363, 385, 488, 1001, 1345, 2554, 3099, 3379, 3523, 3693, 3837, 4524-4525, 4676
 LACTOBACILLUS: 855
 LACTOBACILLUS CASEI: 815, 4777
 LACTOFERRIN: 826

LACTOGLOBULINS: 826, 4777, 4989
 LACTONES: 1764, 2051, 2189, 2934, 3663, 4326, 5008
 LACTOSE: 371, 925, 2116, 2682, 2778, 3194, 3268, 3507
 LACTOSE INTOLERANCE: 2363
 LAMINECTOMY: 227, 3891
 LANATOSIDES: 1960
 LANGERHANS CELLS: 123, 277, 3120
 LANGUAGE: 633
 LANOSTEROL: 1397, 3472
 LANTHANUM: 411, 548, 927, 1194, 2460, 2559-2560, 2959, 3907-3908, 4619, 4856
 LAPAROSCOPY: 593, 991, 1655, 1778, 4143
 LAPAROTOMY: 1131, 2088, 2438, 2770, 3371
 LARVA: 585, 620, 752, 755, 819, 953, 1113, 1445, 1448, 1713, 3594, 3601, 3614, 3654, 3778, 3918, 4026, 4110, 4537, 4820
 LARYNGEAL NEOPLASMS: 894, 2275, 3204, 4254, 4508
 LARYNGEAL NERVES: 3662, 3770, 4888
 LARYNGITIS: 894, 2459, 2942, 4377
 LARYNGOSCOPY: 3770, 4377
 LARYNGOSTENOSIS: 894, 3082
 LASERS: 4938
 LATERALITY: 651, 1083, 1096, 2886, 4839, 4967
 LATEX PARTICLES: 1758
 LATHYRISM: 263
 LAUGHTER: 701
 LEAD: 668, 793, 2340, 2354, 2376, 2618, 2839, 3474, 3850
 LEAD POISONING: 793, 2839, 3118, 3489-3490, 3850
 LEARNING: 1804, 2940, 2953
 LECITHINS: 8, 27, 303, 1033, 1422, 1868-1869, 1988, 2532, 2937, 2964, 3641, 4233, 4760
 LEG: 158, 1398, 1457, 2041, 4344
 LEG INJURIES: 3746
 LEG ULCER: 1235, 1711
 LEGISLATION, MEDICAL: 1717, 3536
 LEIOMYOMA: 754, 1266, 1797, 2088, 3567, 3982, 4325, 4976
 LENS, CRYSTALLINE: 154, 884, 3601, 4529
 LEPROSY: 121, 3704
 LEPTOSPIROSIS: 2588
 LEPTOTHRIX: 4449
 LESCH-NYHAN SYNDROME: 148, 892, 4218
 LETHAL DOSE 50: 170, 572, 626, 788, 1727, 3938, 4097, 4268, 4895
 LEUCINE: 74, 493-494, 520, 592, 602, 609, 729, 909, 1157, 1289, 1349, 1432, 1520, 2217, 2466, 2500, 2517, 2683, 2653, 2742, 2912, 3483, 4178, 4470, 4529, 4733-4734, 4756, 4906, 4914
 LEUCINE AMINOPEPTIDASE: 4182
 LEUKEMIA: 244, 369, 1119, 1200, 1267, 1970, 2028, 2426, 2981, 3070, 3289, 3555, 3657, 4328, 4875
 LEUKEMIA, EXPERIMENTAL: 778, 788, 2697, 3207, 4311
 LEUKEMIA L1210: 3768
 LEUKEMIA, LYMPHOBLASTIC: 4, 141-143, 569, 689, 778, 1515, 1718, 2007, 2697, 2788, 3207, 4875
 LEUKEMIA, LYMPHOCYTIC: 23, 193, 3147, 3442, 3555, 3764, 3912, 4311, 5009
 LEUKEMIA, MONOBLASTIC: 3117
 LEUKEMIA, MONOCYTIC: 3117
 LEUKEMIA, MYELOBLASTIC: 4, 52, 457, 569, 918, 1117, 3898, 3962, 4173, 4642
 LEUKEMIA, MYELOCYTIC: 503, 988, 1266-1267, 1710, 2858, 2981, 3117, 3494, 3555, 3896, 4145, 4642, 4797
 LEUKEMIA, PLASMACYTIC: 89
 LEUKOCYTE COUNT: 23, 60, 142, 160, 450, 670, 689, 817, 990, 1053, 1119, 1200, 1937, 2117, 2232, 2270, 2814, 2848, 3122, 3147, 3608, 3654, 3912, 4030, 4090, 4404, 5009
 LEUKOCYTE CULTURE TEST, MIXED: 569, 1316, 1467, 2716, 3372, 3816
 LEUKOCYTES: 160, 197, 503, 569, 771, 806, 916, 1022, 1050, 1053, 1070, 1353, 1696, 1771, 1937, 2044, 2179, 2368, 2522, 2631, 2716, 2906, 3004, 3032, 3117, 3344, 3398, 3537, 3574, 3702, 4246, 4274, 4357, 4573, 4967, 5047
 LEUKOCYTOSIS: 2814
 LEUKOPENIA: 1937, 2232, 4380
 LEUKOPLAKIA: 283
 LEUKOPLAKIA, ORAL: 3764
 LEVALLORPHAN: 4945
 LEVAMISOLE: 738
 LEVULINIC ACID: 983, 1092, 3582

LEYDIG CELL TUMOR: 788, 1050, 1257, 1798, 2740
 LEYDIG CELLS: 238, 1050, 1061, 1634, 2428, 2757, 3281, 3286, 3890, 4492, 4910, 4969
 LH: 1, 21, 44, 51, 95, 111, 117, 119, 138-139, 217, 259, 319, 322, 348, 358, 363-365, 386, 426, 439, 453, 488, 513-514, 545, 551, 568, 578, 614, 737, 755, 761, 823, 829, 832-833, 840, 848, 872, 879, 888-889, 899, 970, 995-996, 1001, 1005, 1008, 1011, 1046, 1073, 1094, 1169, 1178, 1211, 1320, 1340, 1354-1355, 1366, 1400, 1405, 1426, 1447, 1486, 1528, 1564, 1576, 1585-1587, 1633-1634, 1769, 1873, 1896, 1910, 1954-1955, 1981, 1983-1985, 1991, 2003, 2012, 2042-2043, 2048, 2074, 2097, 2115, 2124, 2129, 2147, 2167, 2191, 2203, 2242, 2268, 2278, 2294, 2362, 2441-2442, 2490, 2554, 2590, 2598, 2609, 2611, 2658-2659, 2662, 2669, 2871, 2755-2757, 2782, 2788, 2812, 2826-2827, 2854, 2909-2910, 2929, 2968, 2986, 3116, 3131, 3139, 3150, 3152, 3234, 3250, 3255, 3293-3294, 3355, 3361, 3379, 3400-3401, 3454, 3457, 3473, 3477, 3497, 3689, 3693, 3709, 3721-3722, 3747, 3785, 3834-3835, 3852, 3860, 3877, 3890, 3920, 3939, 3957, 4004, 4011, 4013, 4088, 4114, 4132, 4138, 4143, 4166, 4194, 4310, 4525, 4545-4546, 4564, 4568, 4616, 4630, 4635, 4651, 4700, 4737-4738, 4754, 4758, 4851, 4876, 4947-4949, 4978, 5006
 LH-FSH RELEASING HORMONE: 44, 82, 111, 119, 138-139, 319, 322, 358, 513, 524, 596, 646, 646, 872, 889, 899, 970, 1001, 1088, 1340, 1354-1355, 1366, 1405, 1447, 1621, 1634, 1677-1678, 1769, 1896, 1910, 1984-1985, 2109, 2115, 2118, 2124, 2147, 2203, 2346, 2756, 2782, 2929, 2968, 3131, 3140, 3150-3152, 3159, 3227, 3250, 3379, 3520, 3693, 3890, 4012-4013, 4088, 4114, 4310, 4462, 4525, 4545, 4568, 4651, 4700, 4737, 4851, 4947-4948, 4991
 LIBIDO: 352, 488, 1426, 3099, 3522, 3544, 4799, 5037
 LICHEN PLANUS: 1110, 2636
 LIDOCAINE: 136, 478, 732, 2113, 3966, 4666
 LIGAMENTS: 4337
 LIGAMENTS, ARTICULAR: 1484, 5057
 LIGANDS: 1174, 2872, 4277, 4376
 LIGASES: 2812
 LIGATION: 73, 504, 506-507, 757, 799, 1890, 2276, 2573, 3006, 3373, 3395, 4237, 4349
 LIGHT: 178, 535, 550, 562, 654, 672, 692, 784, 887, 937, 985, 1021, 1320, 1333, 1360, 1666, 1877, 2168, 2997, 3051, 3155, 3359, 3453, 4067, 4441, 4876, 5011
 LIGHT COAGULATION: 1357, 2902
 LIGHTING: 2357
 LIMBIC SYSTEM: 473, 795, 1421, 1504, 1545, 1801, 1936, 2671-2672, 3050, 3571, 4774
 LINKAGE (GENETICS): 1183, 1266, 1413, 2061, 2788, 3166, 3386, 3638, 4522, 4663, 4711
 LINOLEIC ACID: 71, 1714, 4339
 LINOLENIC ACID: 71, 941, 3585
 LIP: 1308, 4431, 4780
 LIP NEOPLASMS: 3204
 LIPASE: 1427, 1809, 1964, 2339, 2664, 3015, 3728, 4459-4460
 LIPID MOBILIZATION: 917, 1837, 2255, 2352, 2964, 3112, 3190, 4021, 4084, 4102, 4855
 LIPIDS: 126, 132, 215, 296, 333, 374, 397, 489, 516, 557, 671, 697, 720, 747, 819, 917, 941, 1190, 1342, 1455, 1491, 1526, 1530, 1583, 1610, 1662-1663, 1726, 1837, 1886-1889, 1924, 1964, 1988, 2112, 2116, 2121, 2291, 2306, 2352, 2532, 2557, 2682, 2745, 2803, 2837, 2902, 2930, 2946, 3093, 3254, 3268, 3338, 3451, 3507, 3544, 3691, 3774, 3945, 3964, 3975, 4062, 4083, 4117, 4207, 4231, 4238, 4269, 4306, 4371, 4413, 4549, 4634, 4662, 4666, 4693-4694, 4780
 LIPOAMIDE DEHYDROGENASE: 2278, 2967, 3943, 4898
 LIPODYSTROPHY: 1930-1931, 2706
 LIPODYSTROPHY, INTESTINAL: 1561
 LIPOIC ACID: 4299
 LIPOMATOSIS: 4899
 LIPOPOLYSACCHARIDES: 83, 443, 670
 LIPOPROTEIN LIPASE: 4684
 LIPOPROTEINS: 116, 333, 338, 1271, 1491, 1500, 1997, 2291, 2654, 2745, 3079, 3276, 3332, 3338, 3641, 4669, 4908
 LIPOPROTEINS, HDL: 1271, 1422, 2654, 2745, 3641, 4669, 4843
 LIPOPROTEINS, LDL: 353, 1271, 1905, 2336, 2411, 2654, 4167, 4669

SUBJECT INDEX

LIPOPROTEINS, VLDL: 1271, 2654, 3641, 4167, 4669
 LIPOSARCOMA: 1131
 LIPOSOMES: 3663, 4618
 LIPTOTROPIN: 353, 1984, 3449, 4064
 LISTERIA MONOCYTOGENES: 1949
 LITHIUM: 352, 661, 1306, 1362, 2206, 2333, 2656, 2884, 3374, 3461, 4436
 LIVER: 11, 30, 75, 77, 84, 95, 116, 126, 135, 146, 156, 183, 222-224, 228, 258, 266, 294, 328, 343, 366, 373, 401, 404, 415, 419, 438, 447, 464, 466, 494, 505, 535, 549, 557, 597, 605, 610, 681, 692, 708, 718, 720, 740, 747, 754, 783, 803, 855, 857, 963, 983-984, 988, 1002, 1013, 1017, 1023, 1025, 1035, 1092, 1121, 1124, 1137-1138, 1217, 1236, 1250-1251, 1265, 1268, 1273, 1290, 1297, 1370, 1382, 1389, 1434, 1437, 1439, 1455, 1459, 1478, 1505, 1534, 1546, 1583, 1596, 1655, 1667, 1722, 1781, 1802, 1825, 1895, 1901, 1964, 1973, 1992, 2011, 2027, 2029, 2040-2041, 2044, 2054, 2064, 2077, 2081, 2099, 2111-2112, 2145, 2172-2173, 2184, 2192, 2263, 2295, 2304, 2311, 2313-2314, 2358, 2378, 2380, 2405, 2412, 2429, 2521, 2527, 2542, 2546, 2563, 2591, 2617, 2628, 2643, 2646, 2650, 2666, 2688, 2694, 2702, 2717-2718, 2740, 2760, 2810, 2824, 2837, 2847, 2874, 2884, 2891, 2897, 2922, 2925, 2927, 2941, 2946, 2960, 2978, 2993, 3007-3008, 3011, 3032, 3048, 3051, 3054-3055, 3069, 3105, 3119, 3138, 3194, 3242, 3252, 3319, 3350, 3356, 3391, 3406, 3422, 3425, 3456, 3482, 3525, 3556-3557, 3565-3566, 3572, 3578-3579, 3582, 3592, 3620, 3631, 3672, 3679, 3695, 3780, 3829, 3855, 3879, 3903, 3906, 3918-3919, 3930, 3940, 3965, 3968, 3979, 3992, 4020, 4052, 4065, 4102, 4112, 4127, 4182, 4202, 4219, 4224, 4230, 4246, 4257, 4270, 4277, 4358, 4366, 4383, 4427, 4438, 4444, 4459, 4470, 4513, 4521, 4541, 4586, 4571-4572, 4575-4576, 4581-4582, 4589-4590, 4596, 4598, 4607, 4611, 4626, 4656, 4673, 4687, 4694, 4708, 4718, 4727, 4729, 4739, 4780, 4776, 4788, 4827, 4830-4831, 4854, 4877, 4883, 4919, 4949, 4963, 4960, 5017, 5041, 5043
 LIVER CIRCULATION: 839, 2978, 3620
 LIVER CIRRHOSIS: 27, 94-95, 183, 266, 311, 415, 504, 1468, 1615, 1655, 1805, 2054, 2292, 2685, 2702, 2892, 3003, 3032, 3275, 3406, 3525, 3835, 3903, 3976, 3992, 4130, 4608, 4656, 4855, 5039
 LIVER DISEASES: 344, 379, 803, 847, 930, 988, 1035, 1249, 1372, 1468, 1655, 1664, 1743, 2263, 2349, 2521, 3082, 3275-3276, 3319, 3331, 3600, 3668, 3679, 3790, 3903, 4031, 4130, 4598, 4638, 4763, 4777, 4854, 4861, 4877, 4950
 LIVER FUNCTION TESTS: 862, 1017, 1615, 2405, 2688, 2734, 2984, 3276, 3700, 3790, 4885, 5017, 5039
 LIVER GLYCOGEN: 30, 126, 747, 836, 1964, 2429, 2650, 3242, 4219, 4445, 5043
 LIVER NEOPLASMS: 116, 228, 429, 490, 788, 835, 857, 1078, 1170, 1205, 1468, 1790, 1865, 2029, 2292, 2367, 2685, 2978, 3003, 3101, 3146, 3156, 3193, 3413, 3514, 3608, 3772, 3903, 4444, 4587, 4589-4590, 4797, 4919, 5022
 LIVER REGENERATION: 1290, 2099, 2824, 3903, 4438
 LIZARDS: 716, 887, 980, 2152, 2669-2670, 4110, 4528, 4662, 4703
 LOBSTERS: 649, 4750
 LOCOMOTION: 1811
 LOEFFLER'S SYNDROME: 4768
 LONG-ACTING THYROID STIMULATOR: 22, 392, 749, 1732, 2841, 2879, 3382, 3720, 4569, 4721
 LONG TERM CARE: 407, 2461, 3148, 4579
 LONGEVITY: 2545, 2773, 3403, 4164
 LOOP OF HENLE: 3902, 4747
 LORDOSIS: 1398
 LOUISIANA: 2581
 LUBRICATION: 2229
 LUCIFERASE: 1265, 2146
 LUCIFERIN: 1265
 LUMBAR VERTEBRAE: 934-936, 1654, 2312
 LUMBOSACRAL REGION: 74
 LUMINESCENCE: 784, 1998, 2146, 4328
 LUNG: 75, 156, 328, 604-605, 701, 754, 770, 794, 890, 892, 897, 900, 1007, 1098, 1217, 1237-1238, 1251, 1265, 1482, 1521, 1534, 1667, 1705, 1781, 1895, 1974, 2040, 2081, 2184-2186, 2271, 2290, 2304, 2324, 2358, 2509-2510, 2772, 2781, 3321, 3417-3418, 3422, 3427, 3456, 3470, 3565, 3585, 3651, 3847, 3919, 3940, 3942, 4127, 4233, 4277,

4292, 4295, 4303, 4379, 4385, 4444, 4459, 4486, 4673, 4715, 4768, 4841, 4872, 4943, 4971, 4980
 LUNG ABSCESS: 1495
 LUNG COMPLIANCE: 1098
 LUNG DISEASES: 234, 510, 794, 990, 1141, 1235, 1495, 3494, 3727, 4292, 4789, 4877, 4971, 5014
 LUNG DISEASES, FUNGAL: 4768
 LUNG DISEASES, OBSTRUCTIVE: 450, 695, 1237, 3148, 4260, 4563, 4872
 LUNG NEOPLASMS: 277, 429, 643, 690, 783, 788, 800, 835, 989, 999, 1038, 1171, 1482, 1495, 1589, 1710, 1833, 1849, 1856, 1865, 1909, 1965, 2181, 2223, 2292, 2319, 2367, 2376, 2554, 2685, 2742, 2913, 3101, 3204, 3427, 3443, 3727, 3743, 3802, 3852, 3898, 3936, 4189, 4302, 4311, 4414, 4661, 4776, 4797, 4835, 4872, 4971, 4976
 LUPUS ERYTHEMATOSUS, DISCOID: 460
 LUPUS ERYTHEMATOSUS, SYSTEMIC: 1235, 1706, 1827, 1914, 1949, 2106, 2197, 2556, 2788, 3820, 3854, 4187, 4253, 4654
 LUTETIUM: 1194, 2959
 LYASES: 559, 928, 1740, 1966, 3118, 3407, 4127, 4901
 LYMBEA: 3996
 LYMPH: 150, 299, 1449, 2041, 2877, 3760, 4172
 LYMPH NODE EXCISION: 270, 548, 3273, 3727, 4661, 4799
 LYMPH NODES: 84, 1035, 1221, 1237, 1577, 1784, 2040, 2257, 2292, 2316, 2651, 2890-2891, 2941, 3122, 3757, 4034, 4201, 4281, 4340, 4532, 4673, 4723, 4971
 LYMPHANGIOMA: 2331
 LYMPHATIC DISEASES: 1482, 1568, 2585, 3909, 3912
 LYMPHATIC METASTASIS: 216, 253, 270, 546, 643, 1871, 1965, 2040, 2126, 2181, 2315, 2428, 2464, 2685, 3445, 3465, 3802, 3934, 4256, 4599, 4661, 4723, 4888, 4971, 4976
 LYMPHATIC SYSTEM: 2181, 2793, 3421
 LYMPHOCTE DEPLETION: 2651
 LYMPHOCTE TRANSFORMATION: 249, 443, 569, 669, 849, 1010, 1024, 1467, 1470, 1829, 2068, 2433, 3278, 3372, 3574, 3757, 3816, 4312, 4376, 4721, 4771
 LYMPHOCTYES: 65, 397, 443, 569, 722, 849-849, 949, 968, 1024, 1105, 1146, 1316, 1375, 1471, 1515, 1577, 1738, 1819, 2027, 2604, 2716, 2993, 3082, 3122, 3147, 3304, 3335, 3372, 3537, 3654, 3757, 3794, 3963, 4023, 4045, 4070, 4072, 4378, 4381, 4431, 4440, 4478, 4638, 4725, 4745, 4972, 5009, 5049
 LYMPHOCTIC CHORIOMENINGITIS: 72
 LYMPHOGRAPHY: 641, 1761, 2040, 2464, 3193, 3445, 3901, 4077, 4599
 LYMPHOID TISSUE: 209, 1577, 2651, 3120, 3122
 LYMPHOKINES: 4673
 LYMPHOMA: 23, 268, 800, 838, 1267, 1295, 1909, 2040, 2251, 2397, 2519, 3537, 3657, 4378, 4599, 4793
 LYMPHOSARCOMA: 141, 1681, 2126, 2216, 3445, 3816, 5009
 LYMPHOTOXIN: 1829, 4783
 LYNESTENOL: 536, 1546, 1876, 2105, 3069, 3301, 3413, 3865, 3991, 4471
 LYSERGIC ACID DIETHYLAMIDE: 1539, 1611, 2489, 3665, 4368
 LYSINE: 240, 368, 353, 401, 531, 833, 859, 1029, 1139, 1380, 2273, 2458, 2737, 3019, 3130, 3225, 3897, 3919, 4351, 4571, 4642, 4914
 LYSOGENY: 3936
 LYSOLECITHIN: 27, 187, 2629
 LYSOSOMES: 18, 77, 392, 508, 549, 650, 790, 924, 998, 1065, 1263, 2018-2020, 2192, 3029, 3256, 3360, 3393, 3948, 4045, 4321, 4324, 4444, 4637, 4860

M

MACACA: 86, 209, 293, 458, 501, 678, 741, 793, 1022, 1104, 1148, 1406, 1493, 1634, 1839, 1864, 1878, 1983, 2069, 2153, 2323, 2747, 2809, 2837, 2939, 2952, 3040, 3096, 3264, 3304, 3403, 3569, 3792, 3803, 3848, 4304, 4655, 4807, 4982, 5041
 MACROGLOBULINEMIA: 1235, 1482
 MACROGLOBULINEMIA: 4352
 MACROMOLECULAR SYSTEMS: 124, 150, 184, 192, 333, 372, 648, 832-833, 1093, 1196, 1508, 1815, 1884, 1918, 1981, 2552, 3205, 3748, 4199, 5048
 MACROPHAGES: 274, 507, 631, 987, 1316, 1514,

1547, 2678, 2968, 3537, 3756-3757, 4227, 4340, 4381
 MAGNESIUM: 15, 61, 101, 116, 159, 294, 388, 412, 423, 635, 677, 679, 708, 721, 740, 773, 781, 806, 928, 1080, 1174, 1254, 1360, 1408, 1458, 1478, 1512, 1533, 1612, 1643, 1656, 1712, 1764, 1772, 1802, 1809, 1877, 1914, 1922, 1932, 1934, 1966, 2003, 2008, 2067, 2122-2123, 2188, 2287, 2320, 2329, 2342, 2439, 2447, 2472, 2560, 2600, 2678, 2728-2729, 2778, 2872, 2955, 2997, 3019, 3060, 3129, 3202, 3238, 3363, 3381, 3405, 3482, 3492, 3578-3579, 3595, 3681, 3696, 3716, 3739, 3748, 3766, 3911, 4064, 4067, 4071, 4124, 4201, 4287, 4338, 4380-4391, 4501, 4575, 4582, 4603, 4619, 4621, 4629, 4864, 4881, 4883, 4923
 MAGNESIUM DEFICIENCY: 61, 174, 781, 2056, 3739
 MAGNESIUM OXIDE: 1262
 MAGNESIUM SULFATE: 4958
 MALABSORPTION SYNDROMES: 727, 1147, 1906, 3686, 4057
 MALACOPLOAKIA: 41, 906
 MALATE DEHYDROGENASE: 222, 597, 915, 3431, 3737
 MALATES: 1512, 4827, 4901
 MALAYSIA: 3376
 MALE: 2, 4-5, 7-8, 13-15, 19, 26, 28-29, 33-34, 36, 38, 40-42, 47-48, 55, 61-63, 65-66, 68, 71, 73-74, 77-80, 82-85, 87-92, 94-98, 98, 102-105, 107, 109-110, 113-115, 117-119, 124, 131-133, 135, 139-140, 142-143, 147-148, 151-152, 154, 157, 167-168, 178-179, 181, 190-191, 193, 195-196, 203-204, 210, 216, 218-219, 224, 226-228, 230-231, 235, 237-239, 250, 254, 258-257, 262, 264-267, 269-270, 276-277, 285, 289, 291-292, 294, 297, 299, 305, 307, 313, 318-319, 321-325, 330, 332, 335-336, 338, 341, 347-348, 350-351, 355-356, 358, 360, 363, 370, 373, 376-377, 379, 381, 383, 396, 398, 401-402, 406-409, 415, 419-421, 425, 428, 430-431, 435-436, 444, 446, 450, 452, 454-460, 462, 485-466, 475-478, 485, 488-490, 495-496, 499, 501, 503, 505-507, 519-520, 522, 524-525, 529, 542, 545-546, 550, 552-553, 557, 559-561, 563-564, 567-570, 574-575, 577-582, 584, 586-587, 591, 597, 599-600, 604-606, 615-617, 619-620, 623-624, 628-629, 631-633, 637-638, 642, 649, 655-657, 660, 662, 666-667, 674-678, 678-679, 682-685, 689-690, 693-697, 699, 702-703, 707, 709, 711, 715-716, 720, 726-727, 732, 739, 741-742, 745, 748, 750, 752, 754, 756-757, 759, 763-764, 766, 770-775, 781, 783, 785, 788, 792-796, 798, 805-807, 809, 812-814, 822, 825-828, 830, 835-836, 838-840, 842-845, 849-850, 853-854, 857-861, 865, 870-872, 878-879, 881-882, 891, 896-897, 900, 906, 909, 911, 914-919, 921-922, 924, 928-927, 929, 931-943, 945-947, 950-953, 958, 961-963, 967-968, 970, 972-976, 978, 984-985, 988, 990, 995, 1008, 1010, 1013-1015, 1017-1020, 1022-1023, 1027, 1031, 1034, 1040-1043, 1049, 1053, 1057, 1059, 1061-1062, 1064, 1066, 1068, 1074, 1077, 1081-1084, 1086, 1090-1091, 1095-1096, 1098-1099, 1103, 1106-1109, 1113-1114, 1116, 1119, 1123, 1128, 1132, 1137, 1140-1141, 1143, 1145, 1148, 1151-1153, 1160-1162, 1164, 1166-1167, 1170-1172, 1174, 1177, 1182-1183, 1185, 1187, 1201-1202, 1206-1210, 1216, 1218-1220, 1222-1223, 1225, 1228, 1232-1234, 1236, 1238-1240, 1243, 1248, 1255
 1256, 1265, 1268-1271, 1276, 1278, 1280, 1282, 1284, 1286, 1289, 1292-1295, 1298, 1306, 1308, 1310, 1313, 1316, 1322-1323, 1325-1326, 1328, 1330, 1333, 1337-1339, 1345-1347, 1353-1356, 1365, 1368-1369, 1373, 1375, 1378-1379, 1383, 1387, 1389, 1398, 1401-1402, 1406, 1408, 1410-1411, 1415, 1421-1422, 1424, 1428, 1431, 1433, 1436, 1438, 1441-1442, 1444-1448, 1450, 1459, 1461, 1463, 1466, 1475-1476, 1480, 1482, 1484-1485, 1487-1488, 1493, 1495, 1497-1498, 1500, 1503, 1505-1506, 1509, 1512-1513, 1515, 1518, 1532, 1540-1541, 1543, 1545, 1548, 1550, 1553, 1561, 1563, 1565, 1568, 1573, 1575, 1583-1585, 1589, 1592-1594, 1596, 1600-1602, 1605, 1611, 1615, 1619-1620, 1627, 1634, 1636-1639, 1641, 1643, 1647-1649, 1654-1655, 1659-1660, 1668, 1673, 1676-1677, 1681, 1683-1684, 1686-1687, 1689-1691, 1693-1695, 1698, 1700, 1703-1705, 1708-1711, 1713-1714, 1716-1719, 1722, 1724-1725, 1727-1729, 1739-1740, 1742-1743, 1745, 1747-1748, 1750-1755, 1760, 1762-1763, 1766, 1769, 1772-1773, 1777, 1780-1781, 1786, 1792, 1799-1800, 1802-1807, 1809, 1814, 1816-1820, 1822, 1825, 1830, 1832-1833,

SUBJECT INDEX

- 1835, 1837, 1839, 1842, 1846, 1849, 1880-1881, 1884-1885, 1871, 1873, 1875, 1878-1879, 1882, 1886, 1889-1890, 1893-1895, 1900, 1904, 1909, 1917, 1919, 1921-1922, 1929, 1936-1939, 1944, 1948, 1952, 1955, 1957, 1962, 1965, 1970, 1975, 1979-1980, 1982, 1988, 1989, 1991-1992, 1995-1996, 2006, 2009, 2011, 2013, 2015, 2021, 2023, 2027, 2029, 2031-2032, 2036-2037, 2040-2041, 2043, 2051-2052, 2056, 2060-2061, 2063, 2065, 2068, 2072, 2077-2078, 2082, 2084, 2089-2090, 2093, 2097-2098, 2100-2103, 2106-2113, 2118, 2124, 2126, 2128-2130, 2134, 2138, 2143, 2146-2148, 2155, 2160-2162, 2165, 2168, 2171, 2175, 2177-2178, 2180, 2194, 2199, 2210, 2213-2214, 2216, 2219, 2223, 2228-2228, 2231, 2234, 2242, 2247, 2252-2253, 2258-2259, 2261, 2265-2267, 2270, 2275, 2280-2281, 2286, 2288-2290, 2292-2294, 2297, 2301, 2303-2304, 2306-2307, 2309-2310, 2317-2319, 2321-2322, 2324-2327, 2331-2332, 2334, 2335-2336, 2340-2342, 2345, 2347, 2349-2351, 2353, 2358-2358, 2360, 2363, 2370, 2372, 2375, 2377-2379, 2382, 2384, 2386-2390, 2392, 2395-2400, 2404-2406, 2411-2412, 2417, 2421, 2427-2429, 2434, 2437, 2439, 2444, 2446, 2450-2451, 2453, 2455, 2461-2462, 2464-2466, 2470, 2476-2477, 2481, 2487, 2489-2493, 2490, 2503, 2505-2508, 2510, 2514, 2517, 2522-2524, 2526, 2533, 2539-2541, 2550, 2555-2557, 2561-2562, 2565, 2570-2572, 2574, 2582, 2584, 2586, 2591-2593, 2595-2597, 2599, 2602-2604, 2613-2614, 2616, 2618, 2620, 2622, 2627, 2631, 2633-2635, 2639, 2641, 2643-2645, 2649-2651, 2657, 2661, 2665, 2667, 2672-2675, 2679, 2685, 2689-2691, 2696, 2698-2700, 2702-2704, 2707, 2710-2711, 2713, 2715-2719, 2723, 2725, 2729, 2732-2734, 2737, 2739-2740, 2744, 2746-2747, 2749, 2753-2754, 2757, 2764, 2769-2770, 2773-2774, 2776, 2778-2779, 2781, 2785, 2787, 2795, 2801, 2803, 2807, 2816, 2818, 2822, 2827, 2832, 2835, 2837-2838, 2840, 2843-2845, 2847, 2851-2853, 2855-2856, 2862-2863, 2866-2869, 2874, 2876-2878, 2881, 2883-2887, 2893, 2896, 2898-2901, 2904, 2907, 2912-2915, 2917-2918, 2923-2925, 2931-2933, 2940, 2942, 2945, 2950, 2956-2957, 2962, 2964, 2966-2969, 2973, 2982, 2986-2988, 2990, 2995, 2997, 3001-3002, 3004-3005, 3007-3008, 3011-3012, 3019, 3023, 3025-3026, 3030, 3036-3037, 3039-3040, 3042-3043, 3046-3047, 3052, 3057, 3065, 3069, 3072-3073, 3075, 3080, 3082-3084, 3086, 3089, 3092-3097, 3101, 3104, 3106, 3112-3113, 3117, 3119, 3121-3123, 3131, 3137-3138, 3143, 3145, 3147, 3149, 3151-3157, 3159-3165, 3168-3173, 3175-3176, 3182-3183, 3187-3188, 3191-3193, 3197, 3199, 3204-3205, 3214-3216, 3220, 3222-3224, 3229, 3233, 3235-3236, 3242, 3245-3246, 3251, 3253-3254, 3257-3259, 3261-3265, 3268, 3273-3275, 3277, 3280-3286, 3290, 3293, 3307, 3309, 3311, 3314-3316, 3320, 3322, 3324-3327, 3329, 3332, 3339, 3341-3343, 3345-3346, 3350, 3357-3359, 3362, 3364-3365, 3369-3372, 3374-3376, 3379, 3386-3387, 3389-3390, 3392-3396, 3398, 3400-3403, 3407, 3409, 3415, 3416-3418, 3420, 3422-3423, 3426-3429, 3431, 3440, 3447, 3450, 3452, 3459, 3462, 3469-3470, 3475-3476, 3478, 3482-3484, 3487-3488, 3492, 3494, 3497, 3500, 3504-3506, 3511, 3519-3520, 3522, 3524, 3526, 3529-3530, 3535, 3538, 3540-3542, 3552-3554, 3556, 3558-3559, 3565, 3569, 3574-3575, 3577-3578, 3581, 3583, 3587, 3589-3591, 3593, 3595, 3597-3600, 3602-3605, 3608, 3614, 3616, 3618, 3625-3628, 3631-3633, 3635, 3637-3638, 3644, 3647, 3651-3653, 3656-3658, 3660, 3662-3664, 3667, 3669, 3671-3672, 3674-3677, 3680-3682, 3684-3685, 3689, 3692-3693, 3697-3698, 3700-3701, 3703, 3712, 3714, 3718, 3720-3721, 3723-3725, 3727-3729, 3735-3736, 3738-3740, 3746-3747, 3750, 3756-3759, 3762, 3764, 3766-3767, 3771-3773, 3775-3776, 3778-3779, 3782, 3785-3787, 3790, 3793, 3797, 3799-3803, 3805, 3808, 3812-3814, 3818-3819, 3823-3824, 3829, 3832-3833, 3835, 3839, 3841, 3848, 3852, 3854, 3856, 3867-3868, 3870, 3872-3874, 3879-3881, 3883-3884, 3890-3891, 3893-3897, 3901-3902, 3911, 3922-3923, 3925-3930, 3933-3936, 3938-3939, 3946, 3948, 3950-3951, 3953-3957, 3960-3962, 3964-3965, 3967, 3973-3974, 3978, 3980-3981, 3983, 3985-3986, 3989, 3992, 3995, 3999-4000, 4005, 4010-4021, 4024, 4027, 4037, 4043, 4052-4053, 4055-4057, 4059, 4061-4062, 4068, 4071-4072, 4075, 4077, 4079, 4084-4086, 4090-4091, 4098, 4102-4103, 4105, 4112-4115, 4117-4120, 4123, 4125, 4127, 4129, 4132-4134, 4139, 4144-4145, 4147, 4150, 4152-4153, 4156, 4158, 4160, 4163, 4167, 4170, 4172, 4177, 4182-4185, 4189, 4191, 4193, 4197, 4202, 4206, 4209, 4214, 4218, 4223, 4225, 4229, 4234, 4241-4243, 4246-4250, 4252-4254, 4257, 4261-4262, 4264, 4266, 4269, 4273, 4278, 4280-4281, 4288, 4290-4293, 4296, 4301-4302, 4305, 4308-4311, 4313, 4331, 4335-4336, 4342-4343, 4347-4348, 4351-4352, 4356, 4358, 4361, 4363, 4366-4367, 4369, 4372, 4374, 4381, 4383-4385, 4388, 4393, 4395, 4397-4399, 4401-4403, 4405-4407, 4412, 4415-4418, 4419-4422, 4425, 4427, 4430-4433, 4435-4436, 4439-4441, 4444-4445, 4451-4452, 4454, 4455, 4459, 4462, 4464-4467, 4478, 4480, 4483, 4487, 4489, 4492, 4496, 4501, 4506, 4513, 4516-4520, 4522, 4524-4525, 4530, 4532-4535, 4538, 4540-4542, 4544-4545, 4548, 4551, 4553, 4560-4562, 4564, 4566, 4568, 4570, 4575, 4577, 4579-4580, 4582, 4584, 4587, 4590-4592, 4595-4597, 4601-4602, 4607-4608, 4611, 4614, 4617, 4627, 4629, 4631-4633, 4635, 4638-4639, 4641, 4643-4646, 4650, 4652-4653, 4656-4658, 4661, 4663, 4665-4666, 4669, 4671, 4674-4675, 4677, 4679, 4681, 4683, 4686-4687, 4690, 4694-4697, 4699-4700, 4705, 4707-4708, 4714-4715, 4717-4718, 4721-4722, 4724-4728, 4730-4732, 4736-4740, 4743, 4745, 4747-4749, 4753, 4757, 4759, 4761-4762, 4766, 4772, 4774-4775, 4777, 4779-4780, 4783-4784, 4788, 4790-4792, 4794, 4797-4799, 4803-4804, 4806, 4816-4822, 4824, 4828-4829, 4831, 4835-4836, 4838, 4840, 4844, 4850-4851, 4860, 4865, 4874-4877, 4881-4885, 4887, 4892, 4895, 4899-4900, 4904, 4907-4908, 4910, 4912, 4914, 4917-4919, 4924-4925, 4927-4928, 4939, 4941-4943, 4947, 4949, 4952-4954, 4958, 4960-4961, 4963, 4966-4967, 4969-4970, 4972-4974, 4978, 4980-4981, 4983, 4987, 4990-4991, 4994-4995, 4998, 5004, 5006, 5008, 5010-5012, 5015, 5023, 5025, 5032, 5037, 5039, 5042, 5049, 5056-5057, 5058, 5065, 5067, 5069, 5071, 5073, 5075, 5077, 5079, 5081, 5083, 5085, 5087, 5089, 5091, 5093, 5095, 5097, 5099, 5101, 5103, 5105, 5107, 5109, 5111, 5113, 5115, 5117, 5119, 5121, 5123, 5125, 5127, 5129, 5131, 5133, 5135, 5137, 5139, 5141, 5143, 5145, 5147, 5149, 5151, 5153, 5155, 5157, 5159, 5161, 5163, 5165, 5167, 5169, 5171, 5173, 5175, 5177, 5179, 5181, 5183, 5185, 5187, 5189, 5191, 5193, 5195, 5197, 5199, 5201, 5203, 5205, 5207, 5209, 5211, 5213, 5215, 5217, 5219, 5221, 5223, 5225, 5227, 5229, 5231, 5233, 5235, 5237, 5239, 5241, 5243, 5245, 5247, 5249, 5251, 5253, 5255, 5257, 5259, 5261, 5263, 5265, 5267, 5269, 5271, 5273, 5275, 5277, 5279, 5281, 5283, 5285, 5287, 5289, 5291, 5293, 5295, 5297, 5299, 5301, 5303, 5305, 5307, 5309, 5311, 5313, 5315, 5317, 5319, 5321, 5323, 5325, 5327, 5329, 5331, 5333, 5335, 5337, 5339, 5341, 5343, 5345, 5347, 5349, 5351, 5353, 5355, 5357, 5359, 5361, 5363, 5365, 5367, 5369, 5371, 5373, 5375, 5377, 5379, 5381, 5383, 5385, 5387, 5389, 5391, 5393, 5395, 5397, 5399, 5401, 5403, 5405, 5407, 5409, 5411, 5413, 5415, 5417, 5419, 5421, 5423, 5425, 5427, 5429, 5431, 5433, 5435, 5437, 5439, 5441, 5443, 5445, 5447, 5449, 5451, 5453, 5455, 5457, 5459, 5461, 5463, 5465, 5467, 5469, 5471, 5473, 5475, 5477, 5479, 5481, 5483, 5485, 5487, 5489, 5491, 5493, 5495, 5497, 5499, 5501, 5503, 5505, 5507, 5509, 5511, 5513, 5515, 5517, 5519, 5521, 5523, 5525, 5527, 5529, 5531, 5533, 5535, 5537, 5539, 5541, 5543, 5545, 5547, 5549, 5551, 5553, 5555, 5557, 5559, 5561, 5563, 5565, 5567, 5569, 5571, 5573, 5575, 5577, 5579, 5581, 5583, 5585, 5587, 5589, 5591, 5593, 5595, 5597, 5599, 5601, 5603, 5605, 5607, 5609, 5611, 5613, 5615, 5617, 5619, 5621, 5623, 5625, 5627, 5629, 5631, 5633, 5635, 5637, 5639, 5641, 5643, 5645, 5647, 5649, 5651, 5653, 5655, 5657, 5659, 5661, 5663, 5665, 5667, 5669, 5671, 5673, 5675, 5677, 5679, 5681, 5683, 5685, 5687, 5689, 5691, 5693, 5695, 5697, 5699, 5701, 5703, 5705, 5707, 5709, 5711, 5713, 5715, 5717, 5719, 5721, 5723, 5725, 5727, 5729, 5731, 5733, 5735, 5737, 5739, 5741, 5743, 5745, 5747, 5749, 5751, 5753, 5755, 5757, 5759, 5761, 5763, 5765, 5767, 5769, 5771, 5773, 5775, 5777, 5779, 5781, 5783, 5785, 5787, 5789, 5791, 5793, 5795, 5797, 5799, 5801, 5803, 5805, 5807, 5809, 5811, 5813, 5815, 5817, 5819, 5821, 5823, 5825, 5827, 5829, 5831, 5833, 5835, 5837, 5839, 5841, 5843, 5845, 5847, 5849, 5851, 5853, 5855, 5857, 5859, 5861, 5863, 5865, 5867, 5869, 5871, 5873, 5875, 5877, 5879, 5881, 5883, 5885, 5887, 5889, 5891, 5893, 5895, 5897, 5899, 5901, 5903, 5905, 5907, 5909, 5911, 5913, 5915, 5917, 5919, 5921, 5923, 5925, 5927, 5929, 5931, 5933, 5935, 5937, 5939, 5941, 5943, 5945, 5947, 5949, 5951, 5953, 5955, 5957, 5959, 5961, 5963, 5965, 5967, 5969, 5971, 5973, 5975, 5977, 5979, 5981, 5983, 5985, 5987, 5989, 5991, 5993, 5995, 5997, 5999, 6001, 6003, 6005, 6007, 6009, 6011, 6013, 6015, 6017, 6019, 6021, 6023, 6025, 6027, 6029, 6031, 6033, 6035, 6037, 6039, 6041, 6043, 6045, 6047, 6049, 6051, 6053, 6055, 6057, 6059, 6061, 6063, 6065, 6067, 6069, 6071, 6073, 6075, 6077, 6079, 6081, 6083, 6085, 6087, 6089, 6091, 6093, 6095, 6097, 6099, 6101, 6103, 6105, 6107, 6109, 6111, 6113, 6115, 6117, 6119, 6121, 6123, 6125, 6127, 6129, 6131, 6133, 6135, 6137, 6139, 6141, 6143, 6145, 6147, 6149, 6151, 6153, 6155, 6157, 6159, 6161, 6163, 6165, 6167, 6169, 6171, 6173, 6175, 6177, 6179, 6181, 6183, 6185, 6187, 6189, 6191, 6193, 6195, 6197, 6199, 6201, 6203, 6205, 6207, 6209, 6211, 6213, 6215, 6217, 6219, 6221, 6223, 6225, 6227, 6229, 6231, 6233, 6235, 6237, 6239, 6241, 6243, 6245, 6247, 6249, 6251, 6253, 6255, 6257, 6259, 6261, 6263, 6265, 6267, 6269, 6271, 6273, 6275, 6277, 6279, 6281, 6283, 6285, 6287, 6289, 6291, 6293, 6295, 6297, 6299, 6301, 6303, 6305, 6307, 6309, 6311, 6313, 6315, 6317, 6319, 6321, 6323, 6325, 6327, 6329, 6331, 6333, 6335, 6337, 6339, 6341, 6343, 6345, 6347, 6349, 6351, 6353, 6355, 6357, 6359, 6361, 6363, 6365, 6367, 6369, 6371, 6373, 6375, 6377, 6379, 6381, 6383, 6385, 6387, 6389, 6391, 6393, 6395, 6397, 6399, 6401, 6403, 6405, 6407, 6409, 6411, 6413, 6415, 6417, 6419, 6421, 6423, 6425, 6427, 6429, 6431, 6433, 6435, 6437, 6439, 6441, 6443, 6445, 6447, 6449, 6451, 6453, 6455, 6457, 6459, 6461, 6463, 6465, 6467, 6469, 6471, 6473, 6475, 6477, 6479, 6481, 6483, 6485, 6487, 6489, 6491, 6493, 6495, 6497, 6499, 6501, 6503, 6505, 6507, 6509, 6511, 6513, 6515, 6517, 6519, 6521, 6523, 6525, 6527, 6529, 6531, 6533, 6535, 6537, 6539, 6541, 6543, 6545, 6547, 6549, 6551, 6553, 6555, 6557, 6559, 6561, 6563, 6565, 6567, 6569, 6571, 6573, 6575, 6577, 6579, 6581, 6583, 6585, 6587, 6589, 6591, 6593, 6595, 6597, 6599, 6601, 6603, 6605, 6607, 6609, 6611, 6613, 6615, 6617, 6619, 6621, 6623, 6625, 6627, 6629, 6631, 6633, 6635, 6637, 6639, 6641, 6643, 6645, 6647, 6649, 6651, 6653, 6655, 6657, 6659, 6661, 6663, 6665, 6667, 6669, 6671, 6673, 6675, 6677, 6679, 6681, 6683, 6685, 6687, 6689, 6691, 6693, 6695, 6697, 6699, 6701, 6703, 6705, 6707, 6709, 6711, 6713, 6715, 6717, 6719, 6721, 6723, 6725, 6727, 6729, 6731, 6733, 6735, 6737, 6739, 6741, 6743, 6745, 6747, 6749, 6751, 6753, 6755, 6757, 6759, 6761, 6763, 6765, 6767, 6769, 6771, 6773, 6775, 6777, 6779, 6781, 6783, 6785, 6787, 6789, 6791, 6793, 6795, 6797, 6799, 6801, 6803, 6805, 6807, 6809, 6811, 6813, 6815, 6817, 6819, 6821, 6823, 6825, 6827, 6829, 6831, 6833, 6835, 6837, 6839, 6841, 6843, 6845, 6847, 6849, 6851, 6853, 6855, 6857, 6859, 6861, 6863, 6865, 6867, 6869, 6871, 6873, 6875, 6877, 6879, 6881, 6883, 6885, 6887, 6889, 6891, 6893, 6895, 6897, 6899, 6901, 6903, 6905, 6907, 6909, 6911, 6913, 6915, 6917, 6919, 6921, 6923, 6925, 6927, 6929, 6931, 6933, 6935, 6937, 6939, 6941, 6943, 6945, 6947, 6949, 6951, 6953, 6955, 6957, 6959, 6961, 6963, 6965, 6967, 6969, 6971, 6973, 6975, 6977, 6979, 6981, 6983, 6985, 6987, 6989, 6991, 6993, 6995, 6997, 6999, 7001, 7003, 7005, 7007, 7009, 7011, 7013, 7015, 7017, 7019, 7021, 7023, 7025, 7027, 7029, 7031, 7033, 7035, 7037, 7039, 7041, 7043, 7045, 7047, 7049, 7051, 7053, 7055, 7057, 7059, 7061, 7063, 7065, 7067, 7069, 7071, 7073, 7075, 7077, 7079, 7081, 7083, 7085, 7087, 7089, 7091, 7093, 7095, 7097, 7099, 7101, 7103, 7105, 7107, 7109, 7111, 7113, 7115, 7117, 7119, 7121, 7123, 7125, 7127, 7129, 7131, 7133, 7135, 7137, 7139, 7141, 7143, 7145, 7147, 7149, 7151, 7153, 7155, 7157, 7159, 7161, 7

SUBJECT INDEX

- 1131, 1778, 2240, 2873, 2971, 3227, 3991, 4240, 4315, 4380, 4458, 4555
- MENTAL DISORDERS: 771, 816, 1655, 1746, 1942, 2676, 3584, 3807, 3837, 4327, 4594
- MENTAL PROCESSES: 4164
- MENTAL RETARDATION: 119, 189, 633, 880, 1285, 1506, 2297, 2621, 2711, 2776, 3097, 3111, 3131, 3389, 3497, 3764, 4193, 4392, 4594, 4745, 4865, 4983
- MEPERIDINE: 2188
- MEPROBAMATE: 2533
- MERCAPTOETHANOL: 388, 1196, 1324, 1480, 1959, 2600, 4513, 4645
- MERCAPTOETHYLAMINES: 1583
- MERCAPTOPYRINE: 4, 141-143, 369, 569, 1200, 2161, 2426, 2443, 2762, 3474, 4135
- MERCURIBENZATES: 2678
- MERCURY: 1301, 2354, 3474, 4299
- MERCURY ISOTOPIES: 64, 929, 1455, 2721
- MERCURY POISONING: 1455
- MEROMYOSINS: 2655
- MESENCEPHALON: 776, 795, 977, 1276, 1684, 1689, 1749, 2349, 2357, 2400, 2417, 2727, 3044, 3448, 4331, 4732-4733
- MESENCHYMOA: 4599
- MESENTERIC ARTERIES: 24, 42, 332, 1018, 2753, 3189, 3525, 3593, 4381
- MESENTERIC VASCULAR OCCLUSION: 332, 3593
- MESENTERIC VEINS: 2877, 4278
- MESENTERY: 160, 2957, 3728
- MESODERM: 4614
- MESOTHELIOMA: 641
- MESTRANOL: 43, 261, 536, 808, 957, 1178, 1249, 1549, 2436, 2521, 2677, 3066, 3301, 3413, 3865, 3991, 4066, 4298, 4352, 4428, 4651, 5041
- METABOLIC CLEARANCE RATE: 205, 224, 428, 440, 1121, 1244, 1618, 1751, 1754, 1811, 2109, 3406, 3854, 4089, 4843
- METABOLIC DISEASES: 462, 1511, 1566, 2029, 2497, 2625, 2704, 2769, 4031, 4573, 4706, 4720, 5025
- METABOLISM: 1252, 1767, 4164, 4471
- METABOLISM, INBORN ERRORS: 406, 566, 1786, 1846, 1951, 1971, 2097, 2263, 3046, 3145, 3331, 4954
- METACARPUS: 43, 935, 2023, 2822, 4234, 4865, 4917
- METALLOPROTEINS: 3069, 4848-4849
- METALS: 185, 1137, 1194, 1312, 2959, 3048, 3349, 3550, 4800
- METAMORPHOSIS, BIOLOGICAL: 755, 819, 1448, 3462, 3601, 3918, 4110, 4744
- METAPLASIA: 2991
- METARAMINOL: 39, 570, 2154, 2674, 2779, 3850
- METHACHOLINE COMPOUNDS: 701
- METHADONE: 39, 2370
- METHAMPHETAMINE: 152, 586, 4350
- METHANDROSTENOLONE: 3236, 3932
- METHANE: 1937, 1981, 2555, 5010
- METHANESULFONATES: 179, 211, 561, 763, 788, 816, 958, 1646, 1739, 2206, 3983, 4595
- METHEMOGLOBIN: 4752
- METHIMAZOLE: 16, 2188, 2351, 3560
- METHIONINE: 324, 432, 434, 458, 1139, 1505, 2145, 2653, 2682, 3472, 4603
- METHODS: 1, 5, 11, 53, 98, 113, 133, 154, 166, 181, 191, 206, 231, 251, 270, 279, 284, 291, 310, 316-317, 359, 362, 372, 383, 394, 401, 410, 447, 478, 500, 507, 515, 534, 548, 551, 581-582, 591, 605, 631-632, 641, 667, 682-683, 693, 700, 714, 726, 734, 755, 785, 789, 851, 868, 883, 885, 890, 903, 923, 941, 968, 982, 1000, 1026, 1041, 1046, 1086, 1090-1091, 1133, 1135, 1161, 1170, 1176, 1186-1187, 1211, 1228, 1234, 1271, 1276, 1305, 1325, 1337, 1361, 1380, 1383, 1387, 1419, 1429-1430, 1493, 1510, 1536, 1548, 1554, 1560, 1568, 1620, 1625, 1672, 1692, 1701, 1717, 1720, 1726, 1728, 1733, 1742, 1749, 1757, 1766, 1769, 1772, 1778, 1785, 1806, 1816, 1828, 1838, 1850, 1862, 1881, 1891-1892, 1911, 1928, 1934, 1938, 1943-1944, 1953, 1969, 1978, 1998, 2004, 2030, 2071, 2073, 2075, 2084, 2144, 2146, 2150, 2176, 2189, 2206, 2208, 2226, 2236, 2252, 2288, 2281, 2283, 2286, 2288-2289, 2294, 2317-2318, 2334, 2336, 2351, 2363, 2426, 2441-2442, 2464, 2477, 2493, 2514, 2541-2542, 2547-2548, 2553, 2581, 2618, 2630, 2636, 2662, 2675-2676, 2715, 2741, 2745, 2768, 2805, 2809, 2838, 2859, 2865-2866, 2894, 2913, 2915, 2928, 2949, 2974, 2979, 2996, 3132, 3144, 3154, 3164, 3182, 3196, 3199, 3202, 3216, 3240, 3245, 3270, 3286, 3316-3317, 3346-3347, 3373, 3397, 3423, 3446, 3456, 3466, 3474, 3477, 3565, 3588, 3609-3610, 3644, 3664, 3711, 3820, 3823, 3842, 3846, 3853, 3871, 3881, 3888, 3901, 3906, 3908, 3925-3926, 3934, 3940, 3968, 3971, 4001, 4004, 4025, 4061, 4064, 4078, 4080, 4096, 4124, 4126, 4130-4131, 4178, 4194, 4227, 4230, 4235, 4244, 4254, 4270-4271, 4284, 4290-4291, 4293, 4345, 4357, 4375, 4388, 4393, 4414, 4428, 4499, 4521, 4573, 4578, 4591, 4624, 4649, 4667, 4684, 4710, 4755, 4777, 4782, 4785, 4797, 4800, 4807, 4809, 4871, 4887, 4902, 4926, 4929, 4941, 4977, 4991, 5005, 5008
- METHOTREXATE: 4, 141-143, 569, 1040, 1156, 1171, 1718, 1833, 2007, 2175, 2197, 2216, 2318, 2426, 2762, 3070, 3162, 3309, 3312, 3686, 3857, 4135, 4217, 4380
- METHOTRIMEPRAZINE: 4472
- METHOXAMINE: 1660
- METHOXYFLURANE: 1018, 1102, 2982, 3855
- METHOXYHYDROXYPHENYL GLYCOL: 19, 447, 4776
- METHYL ETHERS: 108, 389, 1255, 1554, 1559, 2494, 2617, 4356, 4697
- METHYL MERCURY COMPOUNDS: 1455
- METHYLAMINES: 4231, 4268, 4802
- METHYLATION: 39, 992, 1385, 1994, 2720, 3472, 3925, 4974
- METHYLCHOLANTHRENE: 253, 2950, 2991-2992, 4643, 4630
- METHYLDOPA: 72, 288, 576, 787, 865, 1218, 1541, 2182, 2625, 3086, 3179, 3563, 3570, 3687, 4356
- METHYLDOPAHYDRAZINE: 114, 1218, 2731, 2904, 2919, 3057, 4658
- METHYLENE BLUE: 1114
- METHYLERGONOVINE: 1277
- METHYLLYNGOSIDES: 3905, 4965
- METHYLMETHACRYLATE: 1406, 3550, 4353
- METHYLPHENIDATE: 4101
- METHYLPREDNISOLONE: 4, 102, 219, 567, 723, 799, 807, 1263, 1341, 1492, 1563, 1890, 1921, 2007, 2017, 2102, 2232, 2471, 2510, 2593, 2695, 2926, 2942, 3120, 3196-3198, 3371, 3492, 3521, 3536, 3542, 3561, 3574, 3801-3802, 3844, 3854, 4128, 4295, 4321, 4398, 4781, 4805, 4899
- METHYLTESTOSTERONE: 593, 3007
- METHYLTHIOURACIL: 2388, 4592
- METHYLTRANSFERASES: 178, 1046, 1444, 1959, 3358, 3754, 3926, 4514, 4968
- METHYLYTROSINES: 176, 796, 1421, 1747, 1917, 2140, 2639, 2771, 2945, 3946, 4085, 4331
- METHYSERGIDE: 42, 1168, 1376, 1569, 1611, 1874, 2468, 2569, 2652, 4298, 4658, 4807
- METORRHAGIA: 1472
- METYPAPONE: 119, 207, 219, 1059, 1513, 1644, 2718, 4116, 5048
- MEVALONIC ACID: 855, 1116, 2028, 3257, 3566, 4328
- MEXICO: 1401
- MICE: 22, 61, 83, 105, 153, 160, 203, 228, 273, 401, 411, 423, 494, 545, 631, 668, 692, 721, 753, 778, 788, 797, 949, 960, 998, 1024, 1044, 1061, 1200, 1239, 1264, 1273, 1283, 1334, 1441, 1467, 1531, 1565, 1574, 1577, 1602-1603, 1697, 1727, 1783-1784, 1800, 1821, 1975, 2009, 2061, 2077, 2135, 2164, 2168, 2215, 2278, 2316, 2366, 2417, 2433, 2469, 2488, 2546, 2597, 2608, 2645, 2651, 2678, 2692-2693, 2696, 2730, 2783, 2883, 2899, 2914, 2920, 3007, 3075, 3094, 3121, 3132, 3134, 3155, 3157, 3162, 3166, 3168, 3207, 3210, 3351, 3363, 3367, 3386, 3403, 3423, 3554, 3709-3710, 3765, 3768, 3830, 3841, 3916, 3920, 3985, 3988, 4001, 4034, 4097, 4108, 4127, 4135, 4140, 4168, 4177, 4198, 4210, 4221, 4266, 4311, 4314, 4340, 4349, 4355, 4408-4407, 4439, 4445, 4470, 4504, 4521, 4569, 4616, 4668, 4731, 4776, 4801-4802, 4821, 4893, 4909, 5033, 5052
- MICE, INBRED A: 2061, 3632, 4776
- MICE, INBRED AKR: 443, 2697
- MICE, INBRED BALB C: 83, 1453, 1982, 2316, 2697, 2991-2992, 3075, 3165, 3351, 3367, 4311, 4731
- MICE, INBRED C3H: 274, 367, 946, 1279, 1590, 2719, 3105, 3390, 4000, 4205, 4629, 4830
- MICE, INBRED C57BL: 597, 946, 1024, 1590, 2061, 2077, 2433, 2608, 2719, 2899, 2991, 3075, 3423, 3794, 4198, 4314, 4340, 4629
- MICE, INBRED CBA: 83, 134, 195, 684, 1565, 1800, 2077, 2316, 2899, 2920, 4351
- MICE, INBRED DBA: 2719, 3166, 3794, 4340, 4629
- MICE, INBRED ICR: 149, 2215, 4776, 4895
- MICE, INBRED STRAINS: 273, 443, 601, 1065, 1565, 1590, 1602, 1764, 1837, 2215, 2263, 2458, 2466, 2645, 2730, 2899, 2920, 3105, 3155, 3162, 3166, 3411, 3423, 4127, 4201, 4214, 4311, 4425, 4430, 4629, 4663, 4894, 5033
- MICROBIAL SENSITIVITY TESTS: 54, 1087, 2963, 4289
- MICROBODIES: 1897, 3780, 4324, 4521, 4535
- MICROCEPHALY: 938
- MICROCHEMISTRY: 231, 683, 1265, 1337, 1672, 2035, 2208, 2486, 2514, 2547, 3610, 3664, 3926, 3968, 4290
- MICROCIRCULATION: 150, 605, 907, 950, 1111, 1770, 2509-2510, 2943, 4317, 4814
- MICROCOCOCCUS: 4067
- MICROELECTRODES: 851, 1276, 2254, 2264, 3214, 3996, 4682
- MICROGNATHISM: 125, 3632
- MICROINJECTIONS: 529, 977, 2431, 2720
- MICROMANIPULATION: 1327, 1838
- MICROPHTHALMOS: 880
- MICROPORE FILTERS: 1880
- MICRORADIOGRAPHY: 3450, 3992, 4367, 4938
- MICROSCOPY: 1761, 1816, 1943, 3120, 4688
- MICROSCOPY, ELECTRON: 18, 36, 46, 75, 98, 123, 126, 134, 173, 179, 187, 204, 236, 238, 277, 294, 306, 339, 357-368, 410, 431, 443, 479, 485, 508, 525, 539-540, 575, 577, 601, 631, 650, 669, 681, 703, 715, 739-741, 747, 756, 764, 787, 793, 798, 819, 839, 902, 909, 924, 997-998, 1065, 1093, 1174, 1180, 1207, 1234, 1295, 1346, 1402, 1406, 1413, 1424, 1444, 1561, 1572, 1578, 1593, 1608, 1616, 1674, 1715, 1725, 1728, 1816, 1830, 1842, 1897, 1907, 1939, 1967, 1988, 1998, 2000, 2004, 2013, 2148, 2165, 2194, 2219, 2248, 2303, 2337, 2424, 2462, 2485, 2531, 2559, 2590, 2606, 2629, 2736, 2781, 2798, 2811, 2821, 2856, 2938, 2967, 3089, 3120, 3133-3134, 3142, 3162, 3201-3202, 3258, 3267, 3281, 3295, 3310, 3315, 3350, 3360, 3366, 3370, 3391, 3393, 3425, 3434, 3453, 3477, 3519-3520, 3541, 3554, 3602, 3606, 3608, 3653, 3679, 3684, 3701, 3743, 3765, 3779, 3902, 3964-3965, 3981, 3996, 4028, 4045, 4090, 4108, 4117, 4173, 4178, 4185, 4256, 4259, 4270, 4278, 4282, 4313, 4347, 4364, 4370, 4379, 4388, 4405, 4407, 4416, 4450, 4469, 4535, 4539, 4550, 4556, 4583, 4586, 4607, 4624, 4634, 4637, 4680, 4704, 4744, 4755, 4791-4792, 4814, 4826, 4922, 4930, 4933, 4936, 4945, 4960, 4977, 5012
- MICROSCOPY, ELECTRON, SCANNING: 86, 595, 689, 819, 964, 1180, 1260, 1379, 1406, 2073, 2153, 3614, 3701, 3853, 4040, 4938
- MICROSCOPY, FLUORESCENCE: 336, 410, 503, 521, 566, 795, 869, 968, 1574, 1593, 1725-1726, 2071, 2154, 2164, 2604, 2606, 2618, 2637, 2671, 2674, 2832, 3004, 3274, 3315, 3431, 3533, 3644, 3871, 3902, 4196, 4245, 4439, 4526
- MICROSCOPY, INTERFERENCE: 1897
- MICROSCOPY, PHASE CONTRAST: 387, 808, 828, 1027, 1085-1086, 1219, 1897, 1912, 2135, 2739, 3267, 3335, 3367, 4045, 4379, 4535, 4583, 4586
- MICROSCOPY, POLARIZATION: 4188, 4416
- MICROSOMES: 12, 18, 77, 223, 297, 312, 476, 742, 915, 963, 1032-1033, 1312, 1423, 1513, 1748, 1957, 1966, 2008, 2011, 2272, 2320, 2404, 2439, 2472, 2617, 2738, 2811, 3007, 3165, 3270, 3327, 3428, 3470, 3684, 3710, 3843, 4032, 4221, 4287, 4468, 4491, 4557, 4734, 4739, 4755, 4813, 4906
- MICROSOMES, LIVER: 77, 373, 561, 708, 747, 813, 983, 1025, 1116, 1290, 1399, 1957, 2066, 2525, 2591, 2617, 2950, 3257, 3327, 3672, 4366, 4433, 4491, 4643, 4739, 4831
- MICROSOPHERES: 2570
- MICROSPORIUM: 54
- MICROSURGERY: 785, 2595
- MICROTOMY: 1909, 2236, 4320, 4506, 4977
- MICROTUBULES: 194, 372, 540, 635, 798, 819, 1402, 1888, 3313, 3411, 3701, 3736
- MICROWAVES: 2146, 2471
- MIDDLE AGE: 4, 9, 34, 36, 41, 84, 89, 92, 104, 109, 112, 114, 128, 147, 168, 183, 200, 205, 219-220, 230, 249, 270, 291, 318, 322, 332, 350, 355, 386, 399, 405, 413, 421, 431, 455, 475, 498, 503, 505, 542, 553, 561, 569, 576, 590, 619, 661, 675, 690, 809, 814, 838, 842, 847, 859, 921, 933, 935, 937, 966, 975, 979, 995, 1010, 1014, 1018, 1064, 1081, 1140, 1147, 1162, 1164, 1168-1167, 1171, 1176, 1193, 1197, 1218, 1233, 1260, 1295, 1339, 1353, 1362, 1373, 1388, 1396, 1401, 1425,

SUBJECT INDEX

- 1457, 1466, 1483-1484, 1515, 1528, 1552, 1585,
1594, 1605, 1615-1616, 1636-1637, 1657, 1702, 1711,
1737, 1751, 1753-1755, 1773, 1797, 1814, 1842,
1849, 1856, 1882, 1889-1890, 1921, 1946, 1956,
1979, 1986, 1996, 2009, 2021, 2023, 2042, 2068,
2086, 2100-2102, 2117, 2128, 2163, 2175, 2199,
2210, 2223, 2259, 2261, 2301, 2321, 2331, 2364,
2367, 2379, 2397, 2405, 2415, 2446, 2457, 2461,
2565, 2571, 2583, 2586, 2602, 2625, 2631, 2634,
2684, 2686, 2710, 2712-2713, 2721, 2726, 2749,
2773, 2820, 2831, 2833, 2835, 2854, 2880,
2892-2893, 2900, 2913, 2962, 2982, 3005, 3039,
3049, 3052, 3057, 3060, 3065, 3076-3077, 3119,
3163, 3199, 3204, 3247, 3258-3259, 3264, 3296,
3312, 3348, 3357, 3355, 3371, 3406, 3420, 3466,
3476, 3486, 3535, 3591, 3600, 3606, 3617, 3680,
3699, 3727, 3743, 3784, 3802, 3828, 3835, 3852,
3854, 3868, 3880, 3891, 3896, 3900, 3933, 3935,
3955-3956, 3959, 3973-3974, 3980, 4060, 4071, 4091,
4098, 4104, 4125, 4145, 4217, 4223, 4229, 4248,
4254, 4273-4274, 4286, 4292, 4298, 4315, 4325,
4336, 4342, 4347-4348, 4356, 4358, 4367, 4374,
4427, 4464, 4489, 4522, 4563, 4568, 4570, 4587,
4596, 4621, 4654, 4704, 4712, 4717, 4722, 4736,
4743, 4753, 4799, 4818, 4824, 4836, 4840, 4858,
4899-4900, 4905, 4917, 4942, 4952, 4966, 4981,
4998
MIDWIFERY: 1292
MIGRAINE: 120, 563, 940, 1874, 3203, 4807
MILITARY MEDICINE: 2090, 3536
MILK: 71, 528, 670, 711, 1455, 1538, 2034, 2116,
2296, 2308, 2825, 2865, 2905, 3000, 3006, 3194,
3507, 3518, 3705, 3707, 3941, 4238, 4300, 4311,
4413, 4468, 4713, 5000-5002
MILK, HUMAN: 246, 663, 1345, 1744, 2116, 2354,
2682, 3000, 3518, 4962
MILK PROTEINS: 2116, 2682, 3194, 3507, 4962,
4989
MINERAL WATERS: 947
MINERALOCORTICOIDS: 1055, 1474, 1811, 3041,
3718, 4795, 4829, 4848
MINERALS: 43, 814, 910, 931-936, 1262, 1296,
1879, 2176, 2384, 3005, 4234, 4728, 4985
MINING: 2376
MINK: 2176, 4268
MINOCYCLINE: 2460
MINOXIDIL: 3563
MITES: 450
MITHRAMYCIN: 47, 890, 3115, 4835
MITOCHONDRIA: 12, 18, 77, 201, 249, 277,
461-462, 476, 508, 539, 575, 650, 703, 740, 742,
798, 819, 915, 998, 1003, 1043, 1065, 1155, 1423,
1512-1513, 1628, 1673, 1682-1683, 1728, 1764, 1816,
1867, 1898, 2011, 2068, 2108, 2244, 2303, 2424,
2439, 2454, 2483, 2504, 2811, 3026, 3165, 3221,
3258, 3295, 3315, 3470, 3588, 3602, 3701, 3768,
3858, 4090, 4117, 4146, 4221, 4405, 4416, 4430,
4434, 4450, 4468, 4514, 4539, 4735, 4760, 4847,
4849, 4906, 4931, 4945
MITOCHONDRIA, LIVER: 48, 77, 126, 373, 461,
677, 681, 740, 954, 963, 1043, 1324, 1394, 1478,
1673, 1722, 1901, 2024, 2056, 2295, 2623, 2941,
3118, 3252, 3271, 3780, 4607, 4611, 4760,
4801-4802, 4883
MITOCHONDRIA, MUSCLE: 411, 461, 1673, 1859,
2055, 2103, 2600, 3248, 3606, 4278, 4324, 4347,
4760
MITOCHONDRIAL CONTRACTION: 3780
MITOCHONDRIAL SWELLING: 741, 1003, 1324,
1512, 2600, 2623, 3602, 3780
MITOGENS: 443, 849
MITOMYCIN: 134, 585, 1219, 1316, 3090, 4094
MITOSIS: 153, 466, 503, 540, 562, 700, 827, 890,
968, 979, 1077, 1375, 1453, 1713, 1750, 1891-1892,
1900, 2026, 2300, 2310, 2402, 2421, 2426, 2463,
2546, 2579, 2608, 2642, 2707, 2819, 2824, 3129,
3335, 3372, 3381, 3516, 3529, 3765, 3803, 3962,
4174, 4282, 4297, 4355, 4474, 4550, 4613, 4918,
4972
MITRAL VALVE: 1749, 2108
MODELS, BIOLOGICAL: 94, 178, 192, 194, 294,
387, 562, 610, 710, 1155, 1274, 1334, 1412, 1452,
1474, 1480, 1564, 1626, 1693-1694, 1729, 1851,
2000-2001, 2544, 2554, 2655, 2823, 3161, 3171,
3452, 3561, 3581, 3602, 3702, 3847, 4228, 4252,
4271, 4355, 4779, 4782, 4813, 4839, 4901, 4918,
4931, 5002
MODELS, CHEMICAL: 312, 1688, 1712, 1913, 2646,
2733, 4146, 4299, 4550, 4618, 4926, 4963
MODELS, NEUROLOGIC: 2013, 2939, 3201, 3433,
3451, 3549, 3923, 4228, 4476, 4892
MODELS, PSYCHOLOGICAL: 2939, 4518
MODELS, STRUCTURAL: 1067, 1386, 1785, 1816,
1907, 2070, 2073, 2549, 2663, 2980, 3239, 3631
MODELS, THEORETICAL: 1085, 3115, 5034
MOLAR: 3557
MOLECULAR BIOLOGY: 2463, 4558
MOLECULAR CONFORMATION: 162, 197, 414,
832-834, 1029, 1067, 1215, 1344, 1598, 1628, 2158,
2501, 2850, 2980, 3239, 3449, 3665, 4083, 4241,
4244, 4606, 4645, 4697, 4756-4757, 4849
MOLECULAR WEIGHT: 12, 94-95, 146, 171-172,
197, 324, 336, 372, 516, 521, 645, 742, 826, 853,
1188, 1196, 1261, 1380, 1422, 1432, 1459, 1517,
1598, 1815, 1817, 1918, 1978, 2207, 2230, 2274,
2339, 2380, 2425, 2447, 2552, 2593, 2652, 2664,
2668, 2742, 2809, 2821, 2880, 3165, 3200, 3202,
3225, 3289, 3612, 3748, 4064, 4140, 4199, 4339,
4352, 4453, 4463, 4575, 4586, 4605, 4611, 4618,
4684, 4751, 4849, 4857, 4906, 4936
MOLLUSCA: 685, 864, 1179, 2165, 2274, 2652, 3533
MOLONEY VIRUS: 601, 1982, 4256, 4652
MONGOLIA: 702
MONGOLISM: 916, 1160, 1349, 2406, 2499, 3004,
3471, 3689, 3928, 3970, 4388
MONGOLOID RACE: 2749, 4481, 4594
MONILIASIS: 193, 922, 1049, 1563, 2266, 2696,
4534
MONILIASIS, ORAL: 3678
MONILIASIS, VULVOVAGINAL: 1204
MONKEY DISEASES: 23, 4655
MONKEYS: 23, 501, 678, 741, 793, 822, 901, 1022,
1104, 1148, 1190, 1406, 1545, 1572, 1839, 1878,
1983, 2069, 2153, 2235, 2797, 2799, 2818, 2850,
2837, 2939, 3133, 3258, 3264, 3403, 3469, 3569,
3792, 3841, 4060, 4122, 4504, 4545, 4655, 4807,
5041, 5045
MONOAMINE OXIDASE: 18, 280, 380, 476, 525,
536, 1598, 2056, 2087, 2150, 2154, 2191, 2306,
2388, 2534, 2717-2718, 2897, 2961, 3225, 3556,
3694, 4178, 4255, 4363, 4430, 4635, 4769, 4821
MONOAMINE OXIDASE INHIBITORS: 378, 900,
1240, 1311, 1598, 2198, 2534, 2568, 2718, 2897,
3036
MONOCYTES: 503, 2966, 3251, 3537
MONOSACCHARIDES: 4482
MORALS: 26, 1641, 4911
MORBIDITY: 2833
MORPHINANS: 860, 2099
MORPHINE: 39, 210, 599, 860, 1494, 1539, 2102,
2370, 2458, 2488, 2517, 2727, 3141, 3181, 3466,
3528, 4937, 4945, 4992-4993
MORPHINE ADDICTION: 4937
MORPHOGENESIS: 395, 585, 801, 1085, 1940, 3399,
3632, 4063
MORPHOLINES: 2052
MORTALITY: 4288
MOSAICISM: 307, 323, 336, 1253, 1267, 1339, 2281,
2391, 3004, 3277, 4023, 4387, 4474, 4967, 4973
MOSQUITOES: 256, 2579, 4026
MOTHER-CHILD RELATIONS: 1878, 5023
MOTION: 1704
MOTION PICTURES: 257
MOTION SICKNESS: 5035
MOTIVATION: 1478, 2649, 3452
MOTOR ACTIVITY: 264, 454, 707, 830, 844, 865,
1693-1694, 1709, 1917, 1975, 2072, 2334, 2349,
2672, 2771, 2940, 3033, 3086, 3096, 3121, 3146,
3819, 4010, 4203, 4686, 4779, 4793
MOTOR CORTEX: 80, 2239
MOTOR NEURONS: 1276, 2312, 2785, 4522
MOTOR SKILLS: 1300, 1638
MOUSE LEUKEMIA VIRUSES: 601, 4311, 4355
MOUSE TUMOR VIRUSES: 134, 469, 3411, 3460
MOUTH: 1666, 4780
MOUTH DISEASES: 3966
MOUTH, EDENTULOUS: 2586
MOUTH MUCOSA: 812, 904, 2419, 2864, 3049,
3244, 3733, 3741, 3966, 4082
MOVEMENT NEOPLASMS: 3207
MOVEMENT: 633, 1904, 3614, 3819
MOVEMENT DISORDERS: 114, 633, 692, 816, 881,
945, 1218, 2705, 4083, 4336
MSH: 206, 353, 358, 729, 919, 1621, 1928, 1975,
2221-2222, 3068, 3541, 3594, 3696, 3743, 4075,
4373, 4528, 4630, 4659, 4992
MUCIN: 502, 841, 1202
MUCOCELE: 2565, 4655
MUCOPOLYSACCHARIDES: 98, 296, 333, 659,
3387, 3548, 3572, 4046, 4127, 4231, 4505, 4694,
4780
MUCOPROTEINS: 2523, 3706, 3737
MUCORMYCOSIS: 209
MUCOUS MEMBRANE: 102, 728, 895, 3049, 3120,
3977, 4481
MUCUS: 812, 1415, 2277, 4806
MULLERIAN DUCTS: 1272, 2390
MULTIENZYME COMPLEXES: 312, 1628, 1748,
1898
MULTIPLE MYELOMA: 89, 196, 244, 347, 835,
1515, 1889, 2093, 2684, 3857, 4060, 4777
MULTIPLE SCLEROSIS: 1706, 1746, 2788, 3031,
3053
MUMPS: 1099, 2900
MURAMIDASE: 1200, 1754, 4404, 4431
MUSCLE CONTRACTION: 17, 103, 213, 247, 378,
642, 895, 1386, 1806, 1836, 2000-2001, 2031, 2046,
2136, 2142, 2179, 2274, 2460, 2469, 2496, 2560,
2655, 2683, 2720, 2728, 2785, 2895, 2921, 2948,
2983, 3100, 3121, 3161, 3241, 3336, 3428, 3492,
4053, 4209, 4278, 4299, 4323, 4368, 4415, 4504,
4612, 4879, 4936, 4958, 5005
MUSCLE CRAMP: 1177, 3671
MUSCLE DENERVATION: 335, 1083, 1166, 1971,
2728, 2765, 4209
MUSCLE PROTEINS: 423, 520, 679, 1815, 1884,
2055, 2821, 2983, 4926, 4936
MUSCLE RELAXANTS, CENTRAL: 2885
MUSCLE, SMOOTH: 17, 127, 247, 517, 652,
678-679, 950, 1032, 1043, 1539, 1660, 1859, 1916,
2000, 2024, 2031, 2046, 2122-2123, 2136, 2408,
2460, 2469, 2473, 2754, 2830, 2850, 2878, 2948,
2960, 3165, 3241, 3260, 3274, 3330, 3942, 3951,
4209, 4278, 4323, 4368, 4415, 4495, 4504, 4701
MUSCLE TONUS: 2945, 3671, 4614, 4780
MUSCLES: 30, 96, 134, 204, 223, 335, 368, 423,
520, 548, 605, 655, 710, 716, 781, 1034, 1063,
1063, 1166, 1182, 1220, 1236, 1346, 1386, 1673,
1719, 1730, 1815, 1836, 1884, 1895, 1971, 2001,
2081, 2094, 2184, 2182, 2304, 2404, 2409, 2472,
2617, 2728, 2740, 2785, 2821, 2834, 2921, 2925,
2941, 2976, 3014, 3069, 3105, 3138, 3161, 3169,
3202, 3205, 3232, 3238, 3367, 3422, 3434, 3492,
3533, 3606, 3631, 3684, 3773, 3906, 3918, 3940,
3981, 4096, 4102, 4127, 4137, 4301, 4324, 4347,
4387, 4391, 4496, 4522, 4595, 4673, 4687, 4709,
4727, 4729, 4814, 4936, 4958, 4984
MUSCULAR ATROPHY: 652, 1083, 1122, 2177,
3859
MUSCULAR DISEASES: 268, 1083, 1122, 1971,
3684, 4031, 4161, 4614
MUSCULAR DYSTROPHY: 379, 423, 1122, 1346,
1647, 1971, 2835, 3434, 4192, 4522, 4536, 5033
MUSCULAR DYSTROPHY, ANIMAL: 379, 1034,
3105
MUSCULOSKELETAL SYSTEM: 2044, 4164
MUSHROOM POISONING: 4654
MUSIC: 3002
MUSSELS: 17
MUSTARD COMPOUNDS: 104, 1646
MUTAGENS: 658, 1646, 1920, 3171, 4170
MUTATION: 148, 179, 208, 211, 544, 658, 666, 863,
925, 928, 1065, 1113, 1222, 1239, 1397, 1413, 1646,
1920, 2130, 2162, 2206, 2310, 2495, 2574, 2616,
2861, 3046, 3366, 3438, 3493, 3614, 3634, 3664,
3793, 3836, 3963, 3985, 4043, 4067, 4170, 4214,
4355, 4397, 4474, 4498, 4514, 4577, 4663,
4710-4711, 4778, 4816, 4894, 4918
MYASTHENIA GRAVIS: 2601, 2704, 2788, 2925,
3232, 3304, 3492, 3773, 4161
MYCOBACTERIUM: 429, 855, 1606, 3566, 4215
MYCOBACTERIUM TUBERCULOSIS: 2080
MYCOPHENOLIC ACID: 2463
MYCOSES: 858, 1961, 3782, 4534, 4648
MYCOSIS FUNGIDOS: 1288, 4229
MYCOTOXINS: 2114, 3782, 4326
MYDRIATICS: 2588
MYELIN SHEATH: 476, 1027, 2320, 3079-3080,
3332, 3961, 4214, 4313, 4902
MYELOBLASTOSIS: 244, 1205, 2856, 3555
MYELOGRAPHY: 227, 1487, 3891
MYELOID METAPLASIA: 330, 2856
MYELOMA PROTEINS: 347, 4060
MYELOPROLIFERATIVE DISORDERS: 47, 863,
2856
MYOBLASTOMA: 3699, 4280
MYOCARDIAL DEPRESSANTS: 1303, 3584
MYOCARDIAL DISEASES, PRIMARY: 1578, 1591,
2055, 2729, 3111

SUBJECT INDEX

MYOCARDIAL DISEASES, SECONDARY: 1256, 3617, 4657
 MYOCARDIAL INFARCT: 109, 732, 741, 775, 1605, 1687, 1715, 1767, 1805, 2227, 2285, 2866, 2700, 2853, 2876, 3377, 3618, 3674, 4039, 4077
 MYOCARDITIS: 741, 1715, 2090, 3232, 3773
 MYOCARDIUM: 75, 215, 396, 411, 461, 665, 741, 839, 851, 966, 1007, 1034, 1137, 1238, 1256, 1370, 1578, 1667, 1673, 1680, 1712, 1715, 1781, 1804, 1884, 1895, 2055, 2064, 2081, 2090, 2103, 2181, 2184, 2264, 2282, 2290, 2304, 2404, 2407, 2412, 2447, 2559-2560, 2600, 2617, 2646-2647, 2655, 2666, 2679, 2729, 2897, 2927, 2941, 2943, 3105, 3111, 3232, 3248, 3321, 3377, 3422, 3491, 3524, 3556, 3565, 3599, 3677, 3773, 3882, 3919, 4039, 4096, 4127, 4201, 4301, 4407, 4459, 4491, 4496, 4614, 4639, 4694, 4715, 4729, 4780, 4789, 4819, 4854, 4860, 4864, 4903, 4980, 4984
 MYOCLOSUS: 880, 1589, 2567, 4658
 MYOFIBRILS: 213, 2855, 3248, 3606, 3684, 4347
 MYOGLOBIN: 3684
 MYOGLOBINURIA: 1301
 MYOPIA: 1766
 MYOSIN: 213, 2000-2001, 2274, 2407, 2655, 3202, 3411
 MYOSITIS: 652, 1122, 1971, 2409, 3232, 3304, 3773, 4828
 MYOTONIA: 1122
 MYOTONIA ATROPHICA: 1457, 1740
 MYXEDEMA: 84-95, 107, 1640, 1759, 2183, 2576, 2820, 3259, 3468, 3591, 3639, 3828, 3976, 4569, 4646
 MYXOMYCETES: 1502, 2000, 2483, 3202, 3446

N

NAD: 885, 1155, 1512, 1957-1959, 2066, 2534, 2591, 3048, 3585, 3710, 3943, 4656
 NADH, NADPH OXIDOREDUCTASES: 423, 1513, 1628, 4146
 NADP: 222, 312, 1512, 1898, 1957, 1966, 2066, 2076, 2278, 2534, 2591, 2884, 2967, 2973, 3048, 3165, 3327, 3407, 3428, 3710, 3943, 4152
 NAFIXIDINE: 4359, 5020
 NAILS: 1112, 4077
 NAILS, MALFORMED: 3764
 NALORPHINE: 2370, 3181
 NALOXONE: 2370, 4993
 NANDROLONE: 520, 1048, 1735, 1737, 3301, 3999
 NAPHAZOLINE: 4593
 NAPHTHALENES: 31, 738, 2193, 2774, 3154, 3672, 4606, 5008
 NAPHTHALENESULFONATES: 4920-4921
 NAPHTHOLS: 754, 2967, 4227
 NARCOTIC ANTAGONISTS: 860, 1941
 NASAL MUCOSA: 409, 812, 2505
 NASAL POLYPS: 1515, 2565, 3196, 4017
 NASAL SEPTUM: 4253
 NASOPHARYNGEAL NEOPLASMS: 383, 774, 3487
 NASOPHARYNX: 693, 3120, 4841
 NASTRIURETIC: 131, 861, 1138, 1199, 1270, 1411, 1474, 1612, 2057, 2440, 3328, 3629, 3651, 3718, 4549, 4818, 4878, 4928
 NAUSEA: 114, 268, 445, 2688, 2904, 3183, 4380, 4525, 5018, 5035
 NAVAL MEDICINE: 2725
 NECK: 399, 2541, 4369, 4709
 NECK NEOPLASMS: 4551, 4599, 4888, 4971
 NECROSIS: 38, 98, 379, 573, 741-742, 763, 787, 829, 1035, 1143, 1202, 1237, 1655, 1704, 1715, 2385, 2689, 2729, 3468, 3523, 3786, 3797, 4862, 4931
 NEGROES: 2561
 NEGROID RACE: 1253, 1755, 2034, 2874, 4912
 NEISSERIA GONORRHOEAE: 698
 NEMATODA: 585
 NEODYMIUM: 1194, 2959
 NEOMYCIN: 616, 922, 2060, 2843, 2854, 2963, 3658, 3801, 3857, 4081, 4669, 4707
 NEOPLASM CIRCULATING CELLS: 800, 3156-3157
 NEOPLASM METASTASIS: 20, 64, 89, 230, 288, 325, 385, 429, 481, 498, 519, 546, 643, 785, 800, 817, 835, 838, 841, 850, 898, 918, 1038, 1078, 1115, 1156, 1170-1171, 1260, 1267, 1314, 1482, 1519, 1552, 1589, 1597, 1790, 1865, 1893, 2029, 2068, 2093, 2126-2127, 2175, 2181, 2223, 2269, 2330, 2367, 2376, 2379, 2428, 2685, 2735, 2874, 2913, 2998, 3003, 3101, 3156, 3182, 3183, 3188, 3235, 3273, 3312, 3324, 3445, 3478, 3531, 3580, 3727, 3744, 3772, 3885, 3887, 3891, 3898, 3903,

3936, 4038, 4169, 4256, 4302, 4358, 4380, 4427, 4478, 4516, 4599, 4657, 4660-4661, 4723, 4835, 4876, 4990
 NEOPLASM PROTEINS: 609, 841, 1275, 3732, 3852, 4586, 4589
 NEOPLASM RECURRENCE, LOCAL: 20, 429, 774, 1156, 1284, 1552, 1865, 2265, 3174, 3309, 3465, 3887, 4447
 NEOPLASM SEEDING: 4208
 NEOPLASM TRANSPLANTATION: 429, 684, 946, 1065, 1870, 2087, 2251, 2519, 2611, 3146, 3162, 3554, 4256, 4616, 4652, 4729, 4941
 NEOPLASMS: 244, 325, 331, 800, 835, 1122, 1266-1267, 1285, 1318, 1417, 1468, 1471, 1743, 1805, 1909, 2083, 2292, 2463, 2546, 2554, 2773, 3125, 3193, 3303, 3314, 3603, 3640, 3657, 3672, 3802, 3816, 3976, 4270, 4277, 4284, 4352, 4355, 4511, 4648, 4723, 4797, 4877, 4931, 4941
 NEOPLASMS, EMBRYONAL AND MIXED: 20, 3101, 3281
 NEOPLASMS, EXPERIMENTAL: 116, 228, 490, 609, 684, 788, 946, 1065, 1318, 1590, 1739, 2052, 2083, 2087, 2251, 2303, 2519, 2692, 2740, 3146, 3162, 3390, 3425, 3554, 3732, 4054, 4128, 4256, 4341, 4415, 4590, 4616, 4659, 4729, 4776, 4830, 4893-4894, 4941
 NEOPLASMS, MULTIPLE PRIMARY: 230, 481, 898, 1308, 1589, 1798, 1842, 2999, 3204, 3309, 4311, 4661
 NEOPLASMS, MUSCLE TISSUE: 1971
 NEOPLASMS, NERVOUS TISSUE: 1603, 1909, 2874, 4054, 5040
 NEOPLASMS, RADIATION-INDUCED: 277, 1068, 1710
 NEOPLASTIC ENDOCRINE-LIKE SYNDROMES: 325-326, 690, 850, 1608, 2319, 2554, 2595, 3188, 3443, 3744, 4767
 NEOSTIGMINE: 529, 652, 3492, 4540
 NEPAL: 3697
 NEPHRECTOMY: 73, 306, 330, 523, 1091, 1341, 1449, 1651, 1782, 1820, 1886, 1952, 2064, 2163, 2234, 2594, 3081, 3167, 3220, 3456, 3524, 4187, 4407, 4753
 NEPHRITIS: 2197, 2396, 4654, 4985
 NEPHROBLASTOMA: 1856, 3162, 3193
 NEPHROCALCINOSIS: 151, 733, 1049, 1810, 2321
 NEPHROSIS: 73, 2371, 3145, 4095, 5012
 NEPHROSCLEROSIS: 1546, 2700, 3167
 NEPHROSIS, LIPOID: 1929
 NEPHROTIC SYNDROME: 55, 90, 431, 472, 779, 1702, 1929, 2851-2852, 2990, 3370, 3902, 4141, 4417, 4588
 NERVE BLOCK: 259, 4083
 NERVE DEGENERATION: 122, 287, 2290, 2719, 3034, 4902
 NERVE ENDINGS: 86, 229, 525, 1699, 2462, 2779, 2830, 3653, 4185
 NERVE FIBERS, MYELINATED: 136, 229, 3777
 NERVE GROWTH FACTOR: 74, 396, 602, 635, 1370-1371, 1730, 2071, 3351, 3765, 4178
 NERVE REGENERATION: 122, 396, 4902
 NERVE TISSUE: 395, 2165, 3405, 3906, 5040
 NERVE TISSUE PROTEINS: 74, 372, 540, 802, 635, 865, 1106, 1432, 1980, 2000, 2652, 3044, 3079, 3201, 3332, 4054, 4105, 4624, 4695, 4733
 NERVOUS SYSTEM: 1300, 1878, 2062, 2797, 3533, 3998, 4184, 4793
 NERVOUS SYSTEM DISEASES: 1300, 2917, 3603, 3659, 4485, 4646, 4793, 4858, 4877, 5014
 NESTING BEHAVIOR: 1307
 NETHERLANDS: 1041, 3005, 3899, 4452
 NEURAL CONDUCTION: 137, 229, 1122, 1166, 1792, 2720, 2785, 2869, 3014, 3232, 3859, 4313
 NEURAL INHIBITION: 137, 2869, 4084-4085, 4209
 NEURAL INTERCONNECTIONS: 137, 229, 795, 980, 1412, 1504, 1763, 1844, 2050, 2671-2672, 2898, 2869, 3050, 3433, 3528, 3571, 3923, 4085, 4867, 4946
 NEURAL TRANSMISSION: 176, 240, 402, 654, 795, 844, 879, 985, 1172-1173, 1432, 1504, 1688, 1980, 2782, 2797, 3483, 3528, 3533, 3838, 4054, 4083-4085, 4142, 4158, 4958, 5040
 NEURAMINIC ACIDS: 444, 1069, 1508, 1517, 1670, 2277, 2318, 2374, 2480, 2552, 3104, 3284, 3301, 3707, 4183, 4751
 NEURAMINIDASE: 2, 187, 401, 1508, 1517, 2670, 4453
 NEURILEMMOMA: 112, 2126, 4551
 NEURITIS: 121, 3704
 NEUROBLASTOMA: 704, 1387, 1608, 1790, 2133,

2164, 2587, 3193, 3324, 3649, 3765, 4054, 4556, 4586, 5040
 NEURODERMATITIS: 460, 1626, 2571, 3012, 3750, 4803
 NEUROFIBRILS: 46, 3777
 NEUROFIBROMA: 2126
 NEUROGLIA: 6, 229, 1027, 3031, 3440, 3996, 4054, 4450, 5040
 NEUROHUMORS: 178, 240, 879, 1199, 1432, 1504, 1688, 1866, 1980, 2019, 2062, 2374, 2759, 2797, 2853, 3533, 3630, 3838, 4054, 4709, 4787
 NEUROLOGIC EXAMINATION: 1284, 3577
 NEUROLOGIC MANIFESTATIONS: 263, 838, 945, 2007, 2526, 2621, 2889, 3309, 3617, 4706, 4793
 NEUROMA: 1308, 4489
 NEUROMUSCULAR DISEASES: 1971, 5016
 NEUROMUSCULAR JUNCTION: 3533, 3606, 4958
 NEURONS: 137, 178, 212, 229, 240, 275, 287, 378, 400, 410, 521, 574, 685, 704, 864, 1093, 1276, 1432, 1676, 1721, 1779, 1792, 1821, 1903, 2005, 2013, 2154, 2169, 2431, 2849, 2869, 2925, 3014, 3201, 3322, 3433, 3440, 3481, 3549, 3630, 3715, 3839, 3996, 4054, 4159, 4196, 4450, 4682, 4867, 4902, 5040
 NEURONS, AFFERENT: 212, 473, 825, 1844, 2312, 3014, 3375, 4677
 NEURONS, EFFERENT: 3571, 4841
 NEUROPHYSINS: 521, 1215, 1354, 1380, 3743-3744, 3814, 4412
 NEUROSECRETION: 115, 374, 953, 1438, 1866, 2747, 3602, 3777, 4370
 NEUROSECRETORY SYSTEMS: 240, 308, 374, 685, 1093, 1281, 1384, 1432, 1866, 2444, 2939, 3103, 3256, 3541, 3847, 3996, 4108, 4370, 4605, 4630
 NEUROSES: 2582
 NEUROSES, ANXIETY: 436
 NEUROSPORA: 1646, 1897, 2028, 4498, 4583
 NEUROSPORA CRASSA: 1646, 1897, 2028, 4498, 4583
 NEUROSURGERY: 838
 NEUTRALIZATION TESTS: 967, 1911, 2505, 4954
 NEUTRONS: 3531, 3817
 NEUTROPHILS: 244, 670, 719, 1022, 1479, 2017-2020, 2419, 2540, 3537, 3702
 NEW GUINEA: 914, 1433, 1463, 2833, 4811-4812, 4912
 NEWCASTLE DISEASE VIRUS: 69, 3574
 NIALAMIDE: 1747, 3086, 4606
 NICKEL: 1303, 2728
 NICOTINAMIDE: 865, 3897, 4900
 NICOTINE: 402, 3214, 4203
 NICOTINIC ACID: 382, 697, 1052, 1376, 1644, 1997, 2654, 2837, 3338, 3445, 3609, 4062, 4306, 4900
 NICTITATING MEMBRANE: 3485
 NIDATION: 972, 1037, 1052, 1097, 1462, 1714, 1796, 2438, 3295, 4028, 4204, 4460, 4922
 NIKETHAMIDE: 3897
 NISSL BODIES: 2444, 4867
 NITRATES: 1181, 1719, 2623, 4326
 NITRAZEPAM: 1410, 2533
 NITRIC OXIDE: 3563
 NITRILES: 263, 1688
 NITRITES: 1181
 NITRO COMPOUNDS: 1069, 1120, 1533, 1559, 1981, 2274, 2844, 4241, 4358, 4643
 NITROBENZENES: 1303, 2136, 4326, 4618
 NITROFURANS: 105, 2060
 NITROFURANTOIN: 3650
 NITROFURAZONE: 459
 NITROGEN: 291, 547, 1139, 1321, 2146, 2682, 2901, 3518, 3892
 NITROGEN FIXATION: 4848
 NITROGEN MUSTARD COMPOUNDS: 84, 429, 3183, 4135, 4427, 4584, 4793, 4990
 NITROPHENOLS: 2694, 4643, 4755
 NITROSAMINES: 763, 788, 1181, 2052, 4300
 NITROSOQUANIDINES: 544, 658
 NITROSOUREA COMPOUNDS: 569, 2463, 3090, 3962, 4054
 NITROUS OXIDE: 3491
 NOCARDIA: 443
 NOCARDIA ASTEROIDES: 1482
 NOCARDIA INFECTIONS: 1482
 NOISE: 1642, 1709
 NOMENCLATURE: 760, 1119, 1312, 1759, 2178, 2935, 3383, 3699, 3753, 3876, 3977, 4073, 4762, 4880
 NOREPINEPHRINE: 6, 42, 46, 152, 176, 178, 187, 202, 303, 378, 396, 400, 408, 410, 474, 476, 525,

SUBJECT INDEX

- 552, 572, 653, 665, 697, 734, 795, 812, 821, 941, 950, 985, 1034, 1102, 1124, 1126, 1153, 1158, 1174, 1184, 1240, 1248, 1269, 1306, 1319, 1421, 1444, 1449, 1504, 1530, 1539, 1556, 1640, 1660, 1688, 1715, 1747, 1763, 1778, 1806, 1823, 1837, 1882, 1894, 1903-1904, 1917, 1922, 1948, 1979, 2067, 2078, 2085, 2087, 2094, 2154, 2165, 2215, 2225, 2227, 2288, 2290, 2333-2334, 2349, 2352, 2388, 2431, 2488, 2534, 2562, 2617, 2633, 2639, 2656, 2674, 2679, 2720, 2727, 2732, 2754, 2771, 2776, 2792, 2803, 2848, 2853, 2878, 2895, 2931, 2939-2940, 2945, 3081, 3169, 3176, 3189, 3220, 3253, 3260, 3264, 3274, 3419, 3426, 3440-3441, 3459, 3562, 3564, 3599, 3649-3650, 3653, 3692, 3728, 3858-3859, 3897, 4007, 4046, 4056, 4062, 4084-4085, 4178, 4185, 4196, 4214, 4232, 4245, 4255, 4294, 4303, 4331, 4354, 4361, 4363, 4369, 4418, 4436, 4491, 4597, 4606, 4613, 4627, 4630, 4665, 4686, 4724, 4787, 4838, 4858, 4903, 4968
- NORETHINDRONE: 261, 536, 588, 808, 823, 957, 1088, 1156, 1178, 1207, 1249, 1471, 1631, 1679, 2677, 3066-3067, 3295, 3301, 3413, 3865, 4066, 4104, 4471, 4651, 4693, 4770, 5041
- NORTHYNODREL: 261, 1088, 1471, 3301, 3991, 4066, 4352, 4471, 4497
- NORGESTREL: 67, 182, 261, 536, 1051, 1548, 1631, 2697, 3066, 3301, 4066, 4296, 4497, 4651, 4770, 4915
- NORMETANEPHRINE: 2577, 2776, 3253
- NORPREGNANES: 753, 4101
- NORSTERIODS: 162, 399, 1597, 3991, 4078, 4974
- NORSYNEPHRINE: 478, 2165, 2652, 3925, 4750, 4925
- NORTH AMERICA: 2828
- NORTRIPTYLINE: 3921
- NORWAY: 1302, 1854, 4713
- NOSE: 1058, 3150, 3198, 4841
- NOSE DISEASES: 4253
- NOSE NEOPLASMS: 1515
- NUCLEAR MAGNETIC RESONANCE: 162, 1397, 1399, 1431, 2144, 2158, 2454, 2589, 2894, 3239-3240, 3480, 4241, 4244, 4634, 4871, 4890-4891, 4964
- NUCLEAR PHYSICS: 1245, 1296, 1818, 3817
- NUCLEAR REACTORS: 2905
- NUCLEIC ACID CONFORMATION: 2980
- NUCLEIC ACID DENATURATION: 493, 601, 1817, 1851, 2922, 3168
- NUCLEIC ACID HYBRIDIZATION: 159, 328, 446, 1448, 1830, 3895, 3918
- NUCLEIC ACID RENATURATION: 493, 1817
- NUCLEIC ACIDS: 1105-1108, 1137, 1219, 2517, 3083, 4098, 4609, 4800
- NUCLEOPROTEINS: 241, 1107, 1188, 2220, 3326, 4434, 4513
- NUCLEOSIDE DIPHOSPHATE SUGARS: 2645
- NUCLEOSIDES: 2693, 3611, 3619
- NUCLEOTIDASES: 746, 1988, 2811, 3611, 4182, 4287
- NUCLEOTIDES: 2287, 2812, 3611, 3619, 3895, 4036, 4921
- NUCLEOTIDES, CYCLIC: 461, 486, 778, 1291, 2020, 2629, 3238, 3453, 4582, 4920
- NUCLEOTIDYLTRANSFERASES: 1478
- NURSE-PATIENT RELATIONS: 594
- NUTRITION: 65, 659, 663, 1744, 2581, 2777-2778, 2901, 4206, 4306
- NUTRITION DISORDERS: 563, 1738, 2561, 2563, 3306-3307, 3900, 3984, 3989, 4031, 4626, 4965, 5047, 5049
- NUTRITION SURVEYS: 2561
- NUTRITIONAL REQUIREMENTS: 547, 659, 1222, 2778, 4206, 4306
- NYLIDRIN: 4939
- NYLON: 2504
- NYSTAGMUS: 1786, 2567
- NYSTATIN: 1397, 1646, 2266, 4514, 4707
- O**
- OBESITY: 60, 218, 627, 932, 1368, 1664, 1703, 1778, 1837, 2138, 2489, 2730, 2881, 2957, 2965, 3084, 3099, 3131, 3625, 3841, 3969, 4022, 4104, 4138, 4196, 4346, 4362, 4722, 4736, 4863
- OBESITY IN DIABETES: 2870-2871
- OBSTETRICS: 1, 1211, 2662, 2935-2936, 3383-3384, 4078-4079, 4194
- OCCIPITAL BONE: 578, 1553
- OCCUSIVE DRESSINGS: 765
- OCCULT BLOOD: 2947
- OCCUPATIONAL DISEASES: 79, 766, 894, 2376, 4133, 4544
- OCCUPATIONS: 79, 3782, 4665
- OCTOPUS: 2165
- OCULOMOTOR MUSCLES: 776, 1166, 4828
- OCULOMOTOR NERVE: 2817
- OCULOMOTOR PARALYSIS: 776, 3538
- ODORS: 1108, 1783, 3433, 3953, 4406
- OILS: 28, 356, 2804, 2883, 3015, 3188, 3338, 4261
- OILS, VOLATILE: 3262
- OINTMENTS: 416, 765, 1373, 1544, 1943, 2156, 2918, 3801, 4216, 4253, 4531, 4649, 4707, 4913, 5036
- OLEIC ACID: 1297, 2927, 3821, 4257, 4339, 4514, 4781
- OLFACTORY BULB: 229, 797, 1504, 1936, 2309, 3158, 3433, 4406, 4867
- OLFACTORY NERVE: 177, 3424, 4867
- OLFACTORY PATHWAYS: 1421, 4867
- OLIGODENDROGLIOMA: 898
- OLIGOMYCIN: 411, 1764, 4341
- OLIGOPEPTIDES: 130, 729, 872, 1880, 1913, 1975, 1984, 2912, 3696, 4625
- OLIGOSACCHARIDES: 1920, 4482
- OLIVARY NUCLEUS: 4621
- OMENTUM: 907, 3728, 4650
- ONCOCERCIASIS: 2588
- ONCOGENIC VIRUSES: 23, 601, 1267, 3425, 3531, 3554, 4355, 5040
- OPERON: 101, 791, 2483, 2495, 3386, 4816, 4921
- OPHTHALMIA: 2588
- OPHTHALMIA, SYMPATHETIC: 140, 2247
- OPHTHALMIC ARTERY: 1096
- OPHTHALMIC SOLUTIONS: 1945
- OPHTHALMOSCOPY: 2403
- OPOSSUMS: 840, 911, 2153
- OPTIC ATROPHY: 2298, 2530, 2917, 3587
- OPTIC CHIASM: 657, 4817
- OPTIC LOBE: 3205, 4572
- OPTIC NERVE: 380, 1501, 1706, 3322, 3375, 3880, 4061, 4480, 4817
- OPTIC NEURITIS: 1706, 2538, 3322
- OPTICAL ROTATION: 467, 1321, 1405, 1915, 1965, 2030, 3239-3240, 3480, 4111, 4895
- OPTICAL ROTATORY DISPERSION: 2167
- ORAL HEALTH: 2777
- ORAL HYGIENE: 2777
- ORAL MANIFESTATIONS: 2586, 3017, 3035, 3678, 4082
- ORBIT: 1151, 2565, 2793, 2805, 3880, 4061, 4828
- ORBITAL NEOPLASMS: 1058, 1524, 1661, 2468, 2721, 3235, 4061
- ORCHITIS: 739, 1099, 1278, 1475, 2757, 4055
- ORCIPRENALINE: 450, 2895
- ORGAN CULTURE: 74, 126, 494, 754, 856, 944, 985, 1318, 1408, 1483, 1691, 1922, 2531, 2668, 2760, 2842, 3021, 3116, 3850, 3920, 4045, 4075, 4178-4179, 4293, 4314, 4369, 4510
- ORGAN SPECIFICITY: 77, 148, 164, 209, 372, 388, 461-462, 549, 754, 789, 837, 983, 1124, 1370, 1389, 1448, 1726, 1781, 1884, 1936, 1957, 2002, 2064, 2206, 2314, 2618, 2668, 2674, 2808, 2912, 2993, 2997, 3225, 3381, 3431, 3556, 3565, 3919, 3929, 4148, 4186, 4201, 4246, 4432, 4873, 4687, 4699, 4739-4740, 4760, 4838, 4925
- ORGAN WEIGHT: 15, 35, 97, 181, 195, 210, 222-223, 285, 458-459, 495, 557, 600, 731, 753, 762, 767-768, 825, 852, 878, 897, 946, 956, 969, 976, 1031, 1052, 1061, 1138, 1248, 1263, 1453, 1485, 1633, 1709, 1714, 1738-1739, 1799-1800, 1804, 1883, 1927-1928, 1955, 1992, 2055, 2061, 2064, 2142-2143, 2151-2152, 2161, 2189, 2193, 2215, 2225-2226, 2279-2280, 2353, 2375, 2441, 2517, 2563, 2599, 2619, 2707, 2710, 2754, 2791, 2891, 2946, 2994, 3006, 3078, 3083, 3123, 3155, 3194, 3236, 3242, 3358-3359, 3375, 3401, 3403, 3409, 3415, 3423, 3426, 3476, 3482, 3556, 3601, 3691, 3698, 3818, 3825, 3849, 3879, 3899, 3945, 3957, 3992, 4032, 4040, 4049, 4052, 4120, 4184, 4205, 4261, 4382, 4407, 4459-4460, 4492, 4527, 4560, 4631, 4635, 4664, 4687, 4699, 4788, 4815, 4860, 4876, 4908, 4953, 5049
- ORGANIZATION AND ADMINISTRATION: 342, 1292, 4033
- ORGANOIDS: 123, 238, 508, 747, 1065, 1402, 2148, 2629, 3069, 3267, 3281, 3780, 3984, 4324, 4521, 4931
- ORGANOMETALLIC COMPOUNDS: 3863
- ORGANOPHOSPHORUS COMPOUNDS: 1901, 2305, 2555, 2930, 3064, 3080, 3183, 3910, 4427, 4584, 4755
- ORGASM: 3469
- ORIENTATION: 257, 4709
- ORNITHINE: 2653, 4919
- OROTIC ACID: 1448, 2517, 3257, 3780, 4438
- ORTHOPEDIC FIXATION DEVICES: 2229, 3550
- ORTHOPEDICS: 437, 2229
- OSCILLOMETRY: 3474, 4920
- OSMIUM: 478, 539, 1234
- OSMOLAR CONCENTRATION: 68, 192, 262, 359, 690, 1274, 1336, 1637, 1700, 1826, 1957, 2057, 2195, 2283, 2471, 2612, 2629, 2880, 3041, 3054, 3093, 3104, 3172, 3347, 3380, 3705, 4051, 4136, 4251, 4448, 4473, 4548, 4779, 4856
- OSMOSIS: 327, 895, 1181, 3172, 3676, 4002
- OSMOTIC PRESSURE: 1274, 3660, 4264, 4583
- OSSIFICATION, PATHOLOGIC: 2467, 3779
- OSSIFICATION, PHYSIOLOGIC: 4460, 4912
- OSTEITIS: 645
- OSTEITIS DEFORMANS: 455, 647, 714, 760, 1515, 1810, 3059, 3910, 4997
- OSTEITIS FIBROSA CYSTICA: 533, 1322, 1584, 2749, 3795, 4139
- OSTEOARTHRITIS: 311, 502, 1193, 1654, 2860, 3758, 3832, 4917
- OSTEOBLASTS: 387, 625, 2802, 3795, 4236, 4791-4792
- OSTEOCHONDRITIS: 1143, 1654, 1879, 4544
- OSTEOCLASTS: 146, 455, 1787, 2802, 3717, 4617, 4791-4792
- OSTEOCYTES: 3717, 3796, 4236, 4791-4792
- OSTEOGENESIS: 387, 541, 866
- OSTEOGENESIS IMPERFECTA: 1225, 1330, 2258, 2508, 2773, 3035
- OSTEOLYSIS, ESSENTIAL: 1787
- OSTEOMA, OSTEIOD: 1068
- OSTEOMALACIA: 3, 200, 268, 533, 727, 760, 843, 997, 1213, 1322, 1477, 2628, 2635, 2749, 3125, 3512, 3559, 3796, 3800, 3822, 4139, 4273, 4853
- OSTEOMYELITIS: 760, 3342, 3797, 3880
- OSTEOPETROSIS: 122, 663, 2772, 3387, 4536, 4904
- OSTEOPOROSIS: 43, 62, 167-168, 266, 407, 541, 598, 760, 766, 814, 881, 935, 1014, 1080, 1165, 1187, 1202, 1322, 1460, 1466, 1735, 1810, 1923, 2023, 2220, 2384, 2461, 2479, 2555, 2566, 2636, 2667, 2778, 2860, 2871, 3113, 3125, 3365, 3442, 3675, 3784, 3822, 3832, 4264, 4332, 4353, 4393, 4485, 4705, 4806, 4859, 4917, 4997, 5019, 5038
- OSTEORADIONECROSIS: 2541
- OSTEOSCLEROSIS: 1322, 3716, 4536
- OSTEOTOMY: 1298, 1314, 1818
- OTITIS EXTERNA: 922
- OTITIS MEDIA: 31, 122, 2235
- OTOSCLEROSIS: 4917
- OUABAIN: 271-272, 423, 1206, 1776, 2055, 2515, 2629, 2748, 2775, 3009, 3025, 3248, 3299, 3405, 3578, 4540
- OVALBUMIN: 837, 1046, 2230, 2448, 2996, 3585, 4434
- OVARIAN CYSTS: 95, 433, 590, 789, 991, 2328, 2432, 2751, 2994, 3531, 3567, 3982, 4556, 4655
- OVARIAN DISEASES: 41, 191, 233, 471, 514, 698, 1396, 1475, 1961, 3567, 4325
- OVARIAN NEOPLASMS: 20, 134, 267, 302, 311, 329, 385, 508, 664, 800, 966, 1069-1070, 1115, 1131, 1257, 1361, 1597, 1819, 2088, 2093, 2121, 2127, 2251, 2282, 2367, 2528, 2580, 2811, 2798, 2831, 2838, 2994, 2999, 3193, 3204, 3247, 3269, 3309, 3312, 3390, 3464-3465, 3531, 3537, 3567, 3580, 3587, 3706, 3816, 3851, 3885, 3903, 3912, 4045, 4284, 4311, 4341, 4426, 4494, 4542, 4633, 4660, 4675, 4723, 4832
- OVARY: 21, 41, 51, 191, 205, 211, 228, 231, 233, 242, 256, 259-260, 267, 274, 290, 296, 300, 349, 405, 418, 427, 471, 493, 508, 513, 515, 540, 556, 560, 562, 574, 592, 682, 687, 698, 720, 730-731, 750, 753, 761-762, 823, 837, 840, 872, 887, 890, 905, 953, 968, 972, 979, 996, 1031, 1129, 1137, 1184, 1188, 1226-1227, 1242, 1260, 1272, 1283, 1286, 1331, 1422, 1448, 1454, 1462, 1486, 1531, 1564, 1570, 1577, 1586-1587, 1602, 1604, 1607, 1624, 1633, 1652, 1714, 1797, 1851, 1883, 1885, 1891-1892, 1896, 1954, 1963, 1967, 2012, 2048, 2096, 2105, 2151-2152, 2157, 2164, 2167, 2206, 2238, 2240, 2277-2278, 2310-2311, 2362, 2366, 2438, 2441, 2475, 2545, 2579, 2582, 2619, 2636, 2670-2671, 2726, 2745, 2755, 2782, 2791, 2812, 2863, 2929, 2957, 2985, 2994, 3006, 3040, 3045, 3078, 3095, 3111, 3133, 3137, 3158, 3168, 3180,

SUBJECT INDEX

- 3209, 3234, 3255, 3260, 3279, 3294, 3312-3313, 3358-3359, 3401, 3425, 3438, 3457, 3482, 3493, 3547, 3631, 3642, 3664, 3669, 3708, 3747, 3761, 3771, 3807, 3818, 3825, 3849, 3853, 3880, 3864-3865, 3878, 3920, 3943-3944, 4026-4027, 4059, 4100, 4121, 4140, 4197, 4217, 4240, 4261, 4314, 4346, 4365, 4370, 4550, 4580, 4655, 4673, 4699, 4788, 4815, 4820, 4831, 4876, 4930, 4944, 4947, 5023
- OVIDUCTS: 256, 720, 837, 971-972, 2311, 3153, 3186, 3381, 3444, 4184
- OVIPOSITION: 211, 953, 1262, 1768-1769, 1853
- OVULATION: 21, 70, 111, 129, 138, 182, 205, 231, 256, 259, 296, 300, 403, 405, 418, 427, 439, 513, 554, 654, 824, 899, 953, 972, 979, 987, 993, 1088, 1094, 1184, 1299, 1331, 1346, 1388, 1405, 1454, 1570, 1576, 1586-1588, 1633-1634, 1642, 1682, 1876, 1935, 1976-1977, 2042, 2091, 2105, 2115, 2149, 2152, 2203, 2268, 2438, 2659, 2699, 2755-2756, 2782, 2786, 2792, 2796, 2826, 2829, 3020, 3140, 3171, 3227, 3255, 3279, 3295, 3318, 3388, 3415, 3461, 3469, 3482, 3655, 3837, 3860, 3892, 3943, 4013, 4029, 4068, 4109, 4122, 4143, 4279, 4458, 4462, 4662, 4704, 4758, 4844
- OVUM: 208, 211, 242, 256, 338, 349, 493, 554, 827, 953, 972, 1239, 1384, 1388, 1413, 1454, 1464, 1804, 1882, 1750, 1796, 1987, 2157, 2310, 2512-2513, 2722, 3064, 3140, 3171, 3320, 3664, 3769, 3778, 3818, 3985, 4027, 4047-4048, 4197, 4338, 4377, 4629, 4820, 4844, 4874, 4930, 4933, 4944, 4973
- OXYALATES: 1147, 1859, 2778, 3084, 3392, 3855, 4071, 4328
- OXYALOCETATES: 1836, 2251, 4445
- OXYANDROLONE: 568, 3784
- OXYAZEPAM: 4056
- OXYAZINES: 2557
- OXYAZOLES: 883, 1993-1994, 2507, 4593, 4606, 4803
- OXIDATION-REDUCTION: 291, 315, 389, 414, 719, 758, 784, 789, 1022, 1063, 1290, 1478, 1490, 1512-1513, 1613, 1617, 1834, 1911, 1959, 1981, 2056, 2066, 2340, 2420, 2570, 3060, 3121, 3207, 3332, 3470, 3566, 3588, 3612, 3672, 3839, 4199, 4299, 4306, 4370, 4413, 4432, 4573, 4645, 4649, 4752, 4827, 4845, 4848-4849, 4855, 4871, 4898
- OXIDATIVE PHOSPHORYLATION: 740, 1155, 1261, 1394, 1478, 1628, 2011, 2024, 2228, 2463, 2600, 2623, 2943, 3271, 3292, 3768, 4306, 4365, 4418, 4539, 4571
- OXIDES: 1262
- OXIDOREDUCTASES: 312, 1287, 1312, 1571, 1606, 1740, 1898, 2057, 2847, 2950, 3165, 3327, 3428, 3637, 3825, 4152, 4215, 4637, 4643, 4760, 4849, 4919
- OXIDOREDUCTASES, N-DEMETHYLATING: 1394, 2099
- OXIMES: 394, 467, 683, 4684
- OXOTREMORINE: 102, 4895
- OXPRENOLOL: 1526, 4610
- OXYGEN: 370, 450, 528, 687, 723, 1102, 1114, 1168, 1409, 1583, 1946, 2820, 2916, 3083, 3491, 3712, 3734, 3847, 4237, 4377, 4444, 4563, 4807, 4841, 5034
- OXYGEN CONSUMPTION: 48, 108, 292, 327, 489, 687-688, 716, 740, 936, 1066, 1155, 1168, 1303, 1394, 1409, 1427, 1478, 1526, 1859, 1885, 1764, 1838, 1887, 1920, 2251, 2303, 2352, 2430, 2439, 2494, 2600, 2623, 2889, 3271, 3491, 3762, 3768, 3839, 3882, 4119, 4146, 4338, 4539, 4826, 4883, 4984
- OXYGEN INHALATION THERAPY: 853, 1177, 1363, 1855, 3074, 3521, 3847
- OXYGENASES: 1399
- OXYHEMOGLOBIN: 950, 3074, 4752
- OXYMETAZOLINE: 4593
- OXYPHENBUTAZONE: 154, 424, 2089, 4595
- OXYTETRACYCLINE: 2086, 2860, 3213, 3855, 4528
- OXYTOCICS: 2883, 4757
- OXYTOCIN: 170, 247, 255, 634, 713, 899, 1029, 1046, 1215, 1277, 1635, 1690, 1844, 1927, 1946, 2196, 2315, 2343, 2481, 2535, 2701, 2894, 2948, 3006, 3126, 3153, 3449, 3515, 3523, 3622, 3743-3744, 3806-3807, 3840, 4004, 4272, 4299, 4597, 4666, 4756, 4856, 4898
- OXYTOCINASE: 621, 767-768, 3154
- OYSTERS: 1050
- OZONE: 897
- P
- PACEMAKER, ARTIFICIAL: 2166, 3211
- PAIN: 176, 235, 407, 573, 830, 881, 1699, 1727, 1778, 1801, 1849, 1875, 1952, 2872, 2849, 2971, 3014, 3106, 3228, 3538, 3668, 3871, 3716, 3859, 4336, 4358, 4516, 4753
- PAIN, INTRACTABLE: 573
- PAKISTAN: 2882
- PALATE: 2772
- PALLIATIVE TREATMENT: 1597, 2765, 3091, 4358, 4426
- PALMITIC ACID: 3254, 4233, 4339, 4468, 4514
- PALPATION: 1131, 2088, 2308, 2428, 4655
- PANAMA: 1976
- PANCREAS: 292, 294, 396-397, 404, 671, 740, 828, 1140, 1243, 1317, 1427, 1562, 1608, 1615, 1643, 1726, 1809, 1895, 2040, 2104, 2145, 2258, 2365, 2422, 2520, 2563, 2804, 2850, 2960, 3015, 3236, 3509, 3526, 3631, 3713, 3989, 4277, 4407, 4442, 4445, 4459, 4672-4673, 4729, 4988
- PANCREATICTOMY: 1323, 2104
- PANCREATIC DISEASES: 1323, 2822, 3635, 3976
- PANCREATIC DUCTS: 1890
- PANCREATIC EXTRACTS: 3635
- PANCREATIC HORMONES: 871, 2568
- PANCREATIC JUICE: 1809, 3635, 4390
- PANCREATIC NEOPLASMS: 147, 727, 1608, 1909, 3204, 3235, 3478, 3997, 4131
- PANCREATIN: 2725
- PANCREATITIS: 826, 991, 1475, 2337, 2339, 2563, 2781, 3989, 4706
- PANCREOZYMIN: 292, 1427, 2850, 3989, 4211, 4442, 4988
- PANNICULITIS, NODULAR NONSUPPURATIVE: 1537
- PAPAVERINE: 377, 651, 818, 1319, 1959, 1972, 2014, 2031, 2094, 2460, 2496, 2539, 3224, 4064, 4557, 4807, 4939
- PAPER: 133
- PAPILLARY MUSCLES: 1303, 2560, 2655, 2748, 3118
- PAPILLEDEMA: 288, 1501, 2594, 3862, 4530
- PAPILLOMA: 311, 788, 2252
- PARABENS: 1534
- PARABIOSIS: 4394, 4846
- PARAFFIN: 1943, 3642
- PARAGANGLIOMA: 2554
- PARAGANGLIOMA, NONCHROMAFFIN: 1798
- PARALYSIS: 121, 1122, 1193, 3814, 3880, 3891, 4040, 4101, 4389, 4485
- PARALYSIS, SPASTIC: 780
- PARAMETHASONE: 2851
- PARANASAL SINUS NEOPLASMS: 1909, 2565
- PARANASAL SINUSES: 1058, 3196
- PARAPLEGIA: 838, 2093, 3891, 4485
- PARASITE EGG COUNT: 403, 738
- PARASITIC DISEASES: 4646
- PARASYMPATHETIC NERVOUS SYSTEM: 701, 1721, 1767, 1804, 2289-2290, 3485, 4160, 4771
- PARASYMPATHOLYTICS: 176, 402, 1560, 1684, 2024, 2031, 2425, 2436, 2885, 3528, 4593, 4695, 5035
- PARASYMPATHOMIMETICS: 176, 402, 1619, 2020, 2705, 3436, 3649
- PARATHYROID DISEASES: 191, 2321, 3319
- PARATHYROID GLANDS: 100, 144, 183, 191, 200, 475, 533, 644, 804, 861, 877, 933, 954, 1002, 1015-1016, 1068, 1408, 1446, 1470, 1612, 1639, 1762, 1803, 1890, 2273, 2329, 2355, 2668, 2710, 2743, 2749, 2802, 2839, 3114, 3328, 3395, 3443, 3512, 3595, 3605, 3668, 3678, 3779, 3846, 4374, 4410-4411, 4506, 4672, 4791-4792, 4906, 4960, 5046
- PARATHYROID HORMONE: 144-146, 173-174, 325-326, 340-341, 412, 455, 474-475, 527, 532, 541, 686, 877, 954, 1002-1003, 1016, 1167, 1246, 1379, 1389, 1408, 1458, 1511, 1557, 1610, 1612, 1707, 1762, 1810-1811, 1840, 1870, 2075, 2139, 2159, 2273, 2284, 2329, 2339, 2342, 2355, 2479, 2506, 2710, 2749, 2802, 2810, 2842, 2944, 3021-3022, 3038, 3114-3115, 3125, 3192, 3291, 3315, 3328, 3374, 3443, 3512-3513, 3559, 3595, 3605, 3668, 3678, 3717, 3744, 3753, 3784, 3795, 3821, 3852, 3998, 4079, 4089, 4119, 4236, 4620, 4791-4792, 4906, 4960, 5042
- PARATHYROID NEOPLASMS: 112, 350, 455, 684, 1017, 1167, 1213, 1335, 1461, 1909, 2712, 2735, 3188, 3443, 3559, 3605, 3666, 3742, 3753, 4971, 5016
- PARENT-CHILD RELATIONS: 568, 1931, 2676, 3407
- PARENTERAL FEEDING: 711, 1049, 1941, 2364, 3884, 4162
- PARESIS: 4
- PARESTHESIA: 104, 975, 3859, 4793
- PARGYLINE: 1917, 1975, 1980, 1989, 2165, 2215, 2488, 3926, 4925
- PARIETAL LOBE: 741, 4169, 4381
- PARITY: 341, 818, 930, 1097, 1277, 1307, 1645, 1714, 2179, 3247, 4283, 4829
- PARKINSONISM: 114, 636, 729, 1218, 1569, 1903, 2797, 2904, 2919, 3057, 3859, 4083, 4858
- PARKINSONISM, SYMPTOMATIC: 220, 352
- PAROTID GLAND: 2200, 4519-4520
- PAROTID NEOPLASMS: 360, 4599
- PAROTIN: 2877, 3369
- PAROTITIS: 1475, 3639
- PARTHENOGENESIS: 694
- PARTIAL PRESSURE: 131, 1168, 1409, 3712, 4237, 4563, 4807, 4841, 4950
- PARTICLE SIZE: 1000, 1251, 4220, 4271
- PARVOVIRUSES: 2296
- PASSIVE CUTANEOUS ANAPHYLAXIS: 197, 2448, 2507
- PASTEURILLA: 4719
- PATELLA: 2395, 3561, 4367
- PATERNITY: 4037
- PATIENT CARE PLANNING: 2999
- PECTORALIS MUSCLES: 2830
- PEDIATRICS: 2862, 3012, 3342
- PEDIGREE: 307, 406, 1163, 1224, 1330, 1339, 1353, 1375, 1461, 1480, 1589, 1839, 1705, 2406, 2491, 2614, 2634, 2773, 3035, 3389, 3522, 4023, 4125, 4298
- PELVIC BONES: 433, 1477, 3387, 3580
- PELVIC NEOPLASMS: 385, 800, 3478, 3587
- PELVIMETRY: 3087
- PELVIS: 640, 938, 1298, 1760, 1797, 2238, 2353, 2498, 4337
- PEMPHIGUS: 435, 1236, 3039, 3391, 4281, 4332
- PEMPIDINE: 2488
- PENICILLAMINE: 713, 1702, 3780, 4057, 4889, 5057
- PENICILLIN: 79, 1076, 1200, 1236, 1378, 1684, 1933, 3652
- PENICILLIN G: 2963, 3339, 5001
- PENICILLIN G, BENZATHINE: 1236
- PENICILLIUM: 3619
- PENILE NEOPLASMS: 3727
- PENIS: 257, 772, 952, 967, 1040, 1375, 1575, 2423, 2914, 3108, 3476, 3522, 3823, 4969
- PENTAGASTRIN: 483, 1527, 2392-2393, 4409, 4507
- PENTAZOCINE: 732
- PENTOBARBITAL: 236, 259, 2304, 3000, 3181, 3224, 3681, 4203
- PENTOSEPHOSPHATES: 148, 1183, 1566, 1918, 2513, 2664, 2812, 4573
- PENTOSES: 2906
- PENTOSYLTRANSFERASES: 148, 245, 406, 892, 1183, 1297, 1918, 2664, 2812, 3511, 4168
- PENTYLENETETRAZOLE: 816, 4430
- PEPSIN: 130, 587, 1527, 1747, 2255, 2393, 2430, 2730, 3395, 4076, 4339, 4507, 4825
- PEPTIC ULCER: 674, 1140, 1772, 2480, 2520, 2885, 3395, 3485, 3671, 3753, 3997, 4374
- PEPTIC ULCER HEMORRHAGE: 3124
- PEPTIC ULCER PERFORATION: 3124
- PEPTIDE CHAIN ELONGATION: 2564
- PEPTIDE ELONGATION FACTORS: 2564
- PEPTIDE FRAGMENTS: 146, 531, 833, 1613, 1981, 2274, 2474, 2663, 2730, 3195, 3998, 4089, 4463, 4586
- PEPTIDE HYDROLASES: 338, 982, 1196, 1484, 1817, 1897, 2017, 2368, 2474, 2912, 3443, 3709, 3998, 4260, 4390, 4404, 4574
- PEPTIDE PEPTIDOHYDROLASES: 1670, 2912
- PEPTIDES: 103, 240, 273, 401, 624, 660, 912, 917, 1005, 1025, 1029, 1046, 1093, 1195, 1271, 1467, 1489, 1585, 1603, 1622, 1638, 2030, 2185, 2222, 2255, 2365, 2422, 2458, 2486, 2548, 2551, 2557, 2584, 2615, 2639, 2747, 2817-2818, 2850, 3195, 3449, 3510, 3528, 3558, 3743, 3754, 3798, 3876, 4012-4013, 4075-4076, 4199, 4209, 4339, 4597, 4609, 4634, 4700, 4757, 4855, 5054
- PEPTONES: 2392-2393
- PERCHLORIC ACIDS: 77, 355, 928, 2623, 2880, 4046, 4097
- PERFUSION: 400, 419, 512, 599, 624, 660, 900, 912, 996, 1280, 1318, 1348, 1427, 1451, 1643, 1757, 1776, 1948, 2094, 2430, 2471, 2559, 2570, 3164, 3508, 3524, 3584, 3585, 3942, 4264, 4303, 4321, 4394, 4507, 4576, 4581, 4631, 4706, 4788, 4819, 4827, 4883, 4963, 4965

SUBJECT INDEX

- PERIARTERITIS NODOSA: 1827, 3494, 3639, 4407, 4636
 PERIARTHRITIS: 1484, 4336
 PERICARDIAL EFFUSION: 1115
 PERICARDITIS: 1115, 2257
 PERICARDITIS, CONSTRICTIVE: 4614
 PERICARDIUM: 1050, 1115, 4614
 PERIODIC ACIDS: 750, 2256
 PERIODICITY: 221, 993, 1071, 2129, 2174, 2312, 2373, 2404, 2827, 3016, 3053, 3461, 3885, 3814, 4103
 PERIODONTAL DISEASES: 1787, 2725, 2777
 PERIOSTEUM: 387, 2153, 4236, 4617
 PERIOSTITIS: 3716, 4019
 PERIPHERAL NERVE DISEASES: 2128, 2900, 3862, 3859, 3961, 4480, 4793
 PERIPHERAL NERVE NEOPLASMS: 122, 3445, 4480
 PERIPHERAL NERVES: 121, 1166, 1878, 2785, 3981, 4178
 PERISSODACTYLA: 2153
 PERITONEAL CAVITY: 3758-3757, 4490
 PERITONEAL DIALYSIS: 390, 2843, 3392, 3486, 4372
 PERITONEAL NEOPLASMS: 2445, 3312
 PERITONEOSCOPY: 3976
 PERITONEUM: 698, 1316, 1816, 3608, 4650
 PERITONITIS: 698, 1727, 2587, 3180, 3371, 3976, 4850
 PERMEABILITY: 59, 159, 392, 1336, 1451, 1656, 3201, 4858, 5048
 PERMEASES: 371
 PERONEAL NERVE: 1166, 2785
 PEROXIDASES: 303, 833, 1287, 1846, 1957, 2543-2544, 2809, 2858, 3344, 3350, 3477, 3612, 3745, 4306, 4479, 4512, 4535, 4586, 4637, 4991
 PEROXIDES: 4257, 4306, 4637, 4752
 PERPHENAZINE: 3440, 4203, 4539
 PERSONALITY: 3030, 3389
 PERSONALITY DEVELOPMENT: 1129
 PERSONALITY DISORDERS: 352, 365, 2297, 3862
 PERSONALITY INVENTORY: 3030
 PERTUSSIS VACCINE: 296, 1678
 PESSARIES: 4288
 PESTICIDES: 2354, 2615, 4711, 4800
 PEYER'S PATCHES: 2851, 3906, 3947
 PHAGOCYTE BACTERICIDAL DYSFUNCTION: 4637
 PHAGOCYTES: 3537, 4637
 PHAGOCYTOSIS: 503, 719, 1022, 1491, 1514, 1683, 1850, 1914, 2020, 2678, 4218, 3278, 3344, 3350, 4277, 4573, 4664, 4943
 PHARMACEUTICAL AIDS: 4216, 4800
 PHARMACY AND THERAPEUTICS COMMITTEE: 4838
 PHARYNGEAL NEOPLASMS: 354, 2715, 3204, 4254
 PHARYNGITIS: 2526
 PHARYNX: 2799
 PHENANTHRENES: 4172, 4890-4891
 PHENANTHROLINES: 1025
 PHENAZINES: 1571, 2732
 PHENETHANOLAMINE
 N-METHYLTRANSFERASE: 1598, 2165, 2797, 3556, 3925, 3927
 PHENETHYLAMINES: 476, 1444, 2198, 3926, 4241, 5008
 PHENFORMIN: 2500
 PHENOBARBITAL: 419, 692, 773, 813, 976, 983, 1021, 1035, 1102, 1399, 1571, 1722, 2188, 2285, 2626, 2673, 2786, 2950, 3178, 3181, 3632, 3740, 4101, 4182-4183, 4438, 4643
 PHENOLS: 528, 1353, 2284, 3262, 3863, 4207, 4289
 PHENOTHIAZINE TRANQUILIZERS: 363, 365, 797, 3783
 PHENOTHIAZINES: 39, 1149, 1364, 1374, 1688, 2553, 3440, 4472, 4539, 5035
 PHENOTYPE: 87, 208, 211, 237, 336, 376, 446, 880, 892, 925, 1020, 1113, 1160, 1266, 1349, 1445, 1480, 1543, 1768, 2249, 2390-2391, 2499, 2574, 2711, 2746, 3035, 3046, 3094, 3265, 3268, 3386, 3389, 3464, 3614, 3637, 3737, 3805, 4023, 4135, 4167, 4193, 4392, 4397, 4474, 4498, 4577, 4710, 4989, 5040
 PHENOXYBENZAMINE: 42, 400, 1645, 2500, 2771, 2824, 3185, 3224, 3264, 3809
 PHENTOLAMINE: 202, 523, 960, 1168, 1209, 1376, 1425, 1530, 1808, 1922, 1936, 1979, 2019, 2500, 2613, 2652, 2895, 2984, 3130, 3220, 3293, 3426, 3810, 3858, 3921, 4084, 4220, 4303, 4323
 PHENYL ETHERS: 9, 752, 1242, 2193, 2829, 3033, 4261-4262, 4354, 5020
 PHENYLACETATES: 429, 2128, 2613, 4595
 PHENYLALANINE: 11, 159, 425, 493, 1913, 2564, 2742, 2894, 3019, 3405, 3613, 3732, 3928
 PHENYLALANINE HYDROXYLASE: 11, 2378
 PHENYLBUTAZONE: 502, 976, 1040, 1053, 2556, 3436, 3485, 3897, 4248, 4404, 4483, 4595, 4761
 PHENYLENEDIAMINES: 4496
 PHENYLEPHRINE: 3185, 4200, 4323
 PHENYLHYDRAZINE: 900, 2546
 PHENYLKETONURIA: 1903
 PHENYLPROPIONATES: 520
 PHENYLPYRUVIC ACID: 784
 PHENYLTHIOUREA: 897, 4686
 PHEOCHROMOCYTOMA: 112, 447, 474, 523, 732, 734, 921, 1017-1018, 1075, 1150, 1304, 1308, 1387, 1425, 1461, 1499, 1808, 1845, 1715, 1979, 2085, 2163, 2209, 2234, 2700, 2867, 2884, 3179, 3341, 3563, 3570, 3735, 3931, 3955, 3967, 4208, 4657, 4796, 4798, 4829, 4959
 PHEROMONES: 1103, 1783, 3424
 PHELEOGRAPHY: 1167, 1342, 2238, 2565, 2700, 3488, 3992, 4457, 4986, 4990
 PHLORETIN: 59, 103, 202, 3697, 3942
 PHONOCARDIOGRAPHY: 3463
 PHOSPHATES: 335, 423, 1581, 1595, 1998, 2103, 3948, 4177, 4387, 4405, 4584, 4813
 PHOSPHATES: 6, 47, 50, 61, 132, 144, 174, 372, 398, 455, 461, 474, 486, 527, 541, 625, 644, 667, 679, 711, 714, 721, 740, 861, 915, 925, 954, 1002, 1155, 1246, 1254, 1291, 1313, 1324, 1360, 1381, 1441, 1458, 1460, 1478, 1557, 1612, 1803, 1857, 1908, 1978, 2159, 2173, 2207, 2321, 2342, 2355, 2447, 2472, 2479, 2483, 2600, 2623, 2634-2635, 2652, 2708, 2733, 2777, 2787, 2955, 3080, 3113, 3125, 3147, 3271, 3374, 3443, 3478, 3666, 3698, 3718, 3766, 3799, 3858, 3910-3911, 4064, 4071, 4079, 4112, 4182, 4344, 4449, 4571, 4611, 4649, 4752, 5042
 PHOSPHINES: 878
 PHOSPHOCREATINE: 3677
 PHOSPHODIESTERASES: 197, 204, 366, 466, 486, 696, 756, 778, 1023, 1027, 1265, 1291, 1443, 1490, 1520, 1559, 1648, 1863, 2003, 2024, 2134-2135, 2146, 2282, 2336, 2690, 2719, 3034, 3051, 3168, 3192, 3287, 3321, 3332, 3453, 3524, 3553, 3575, 3620, 3950, 4044, 4052, 4064, 4136, 4246, 4398, 4501, 4572, 4903
 PHOSPHOENOLPYRUVATE: 925
 PHOSPHOENOLPYRUVATE CARBOXYKINASE: 1920, 4541, 4883
 PHOSPHOFRUCTOKINASE: 30, 1632, 2872, 4883
 PHOSPHOGLUCOMUTASE: 2485
 PHOSPHOGLUCONATE DEHYDROGENASE: 30
 PHOSPHOGLYCERATE KINASE: 3511, 4168, 4954
 PHOSPHOINOSITIDES: 6, 1868, 2708, 2964, 3254
 PHOSPHOLIPASE: 187, 194, 303, 401, 1033, 3417-3418, 4152, 4643, 4760, 4814
 PHOSPHOLIPIDS: 6, 27, 116, 194, 423, 697, 941, 1190, 1683, 1868-1869, 2380, 2654, 2708, 2821, 2834, 2946, 2964, 3080, 3242, 3254, 3604, 3691, 3710, 3945, 4449, 4669, 4760
 PHOSPHONIC ACIDS: 625, 1003, 1254, 2555, 3059
 PHOSPHOPROTEINS: 324, 338, 2011, 2652, 2930, 4367, 4391, 4434, 4813
 PHOSPHORIC ACIDS: 3967
 PHOSPHOROUS ACIDS: 2684
 PHOSPHORUS: 3, 47, 61, 144, 246, 294, 325, 341, 398, 475, 499, 519, 532-533, 590, 711, 727, 781, 933, 1002-1003, 1015-1016, 1048, 1213, 1317, 1322, 1451, 1661, 1670, 1707, 2139, 2329, 2628, 2743, 2749, 2777-2778, 2944, 3023, 3026, 3080, 3114-3115, 3328, 3466, 3512, 3518, 3666, 3678, 3707, 3739, 3796, 3799, 4079, 4278, 4485, 4502, 4517, 4620, 4726, 4791-4792, 4998, 5046
 PHOSPHORUS ISOTOPES: 2708
 PHOSPHORUS RADIOISOTOPES: 6, 12, 116, 135, 159, 204, 324, 338, 388, 426, 466, 548, 679, 808, 1024, 1237, 1254, 1360, 1374, 1389, 1441, 1595, 1769, 2011, 2134, 2204, 2284, 2352, 2355, 2600, 2652, 2670, 2846, 2922, 2930, 3079-3080, 3238, 3553, 3634, 3663-3664, 3737, 3748, 3824, 3968, 3987, 4032, 4112, 4148, 4351, 4383, 4387, 4462, 4491, 4502, 4571, 4611, 4880, 4813, 4881
 PHOSPHORYLASE KINASE: 3046
 PHOSPHOTRANSFERASES: 925, 3827
 PHOSPHOTRANSFERASES, ATP: 29, 335, 1265, 1901, 2028, 2483, 4919
 PHOTIC STIMULATION: 80, 178, 348, 380, 576, 1031, 2280, 2649, 2668, 3096, 3375, 3453, 3777, 4010, 4159, 4774, 4876
 PHOTOCHEMISTRY: 124, 784, 3842
 PHOTOGRAPHY: 186, 283, 562, 3474
 PHOTOLYSIS: 672
 PHOTOMETRY: 76, 341, 781, 1661, 1943, 2283, 2384, 2547, 2642, 2955, 4103
 PHOTOMICROGRAPHY: 682
 PHOTOPHOSPHORYLATION: 4848
 PHOTORECEPTORS: 1768, 2719, 3375, 3453
 PHOTOSENSITIZATION: 1668
 PHOTOSYNTHESIS: 1877, 4848
 PHRENIC NERVE: 4083
 PHYCOMYCETES: 1219, 1940
 PHYSICAL EDUCATION AND TRAINING: 3762
 PHYSICAL EXAMINATION: 67, 1227, 1766, 1986, 2308, 3196, 4655
 PHYSICAL FITNESS: 936, 3412
 PHYSICAL STIMULATION: 255, 365, 1586, 3807, 3823, 4262
 PHYSICAL THERAPY: 1177, 1193, 3024, 4248, 4260, 4336, 4902
 PHYSICIAN-PATIENT RELATIONS: 518, 568, 1117, 2625, 2676, 2833, 4350
 PHYSICIANS: 810
 PHYSIOLOGY, COMPARATIVE: 4164
 PHYSOSTIGMINE: 6, 185, 529, 1619, 2288, 4389
 PHYTONADIOL: 2950
 PHYTOSTEROLS: 1397, 3472
 PIA MATER: 156, 4867
 PICOLINE: 4268
 PICOLINIC ACIDS: 1863, 4886
 PIERRE ROBIN SYNDROME: 1020
 PIGEONS: 157, 473, 501, 980, 1172, 2131, 2663, 2779, 3663, 3945, 4440
 PIGMENTATION: 266, 1123, 1186, 1746, 3040, 3287, 4077, 4630
 PIGMENTATION DISORDERS: 2724, 3764, 3786, 3884, 4952
 PIGMENTS: 201, 208, 492, 650, 1261, 1287, 3224
 PILOCARPINE: 1619, 2396
 PILOERECTIO: 812
 PILOT PROJECTS: 2682, 3685, 4635
 PIMOZIDE: 796-797, 1421, 2771, 3361, 4226
 PINDOLOL: 1526, 4610
 PINEAL BODY: 86, 178, 253, 575, 654-655, 657, 902, 985, 1232, 1333, 1768, 1922, 2163, 2191, 2462, 2747, 3020, 3102, 3358-3359, 3400-3401, 3415, 3448, 3754, 3925, 4369, 4580, 4740
 PINEALOMA: 776, 2252, 3430, 4280
 PINOCYTOSIS: 1093, 2462, 4385
 PIPECOLIC ACIDS: 458-459
 PIPERAZINES: 19, 1660, 2588, 3531, 3921, 4356, 4831
 PIPERIDINES: 1644, 2024, 2052, 2334, 3491, 3661, 4268
 PIPRADROL: 15
 PITUITARY-ADRENAL FUNCTION TESTS: 191, 1064, 2059, 2180, 2389, 2455, 2520, 3396, 3928, 4116, 4747, 4994
 PITUITARY-ADRENAL SYSTEM: 218, 473, 942-943, 1125, 1365, 1899, 1919, 2301, 2389, 3155, 3246, 3262, 3928, 3954, 4512, 4677, 5045
 PITUITARY DISEASES: 78, 785, 2726, 2816, 3131, 3693, 3719, 3834, 3913, 4395, 4730
 PITUITARY GLAND: 21, 44, 86, 110, 180, 191, 206-207, 210, 219, 259, 265, 269, 279, 285, 319, 337, 346, 353, 364, 397, 428, 441-442, 454, 485, 520-521, 554, 564, 581, 629-630, 646, 654, 660, 696, 726, 750, 753, 756, 782, 823, 834, 848, 883, 888, 896, 899, 909, 939, 958, 980, 998, 1011, 1013, 1046, 1058, 1073, 1116, 1152, 1206-1207, 1212, 1282, 1305, 1327, 1354, 1359, 1439, 1447, 1489, 1494, 1535-1537, 1540, 1564, 1576, 1595, 1603, 1613, 1615, 1619, 1621-1622, 1633, 1653, 1689, 1726, 1739, 1769, 1885, 1896, 1926, 1955-1956, 1963-1964, 2002, 2040-2005, 2070, 2115, 2143, 2147, 2191, 2202, 2211, 2213, 2222, 2242, 2338, 2340, 2374, 2386, 2398, 2424, 2437-2438, 2455, 2465, 2487, 2536, 2549, 2551-2552, 2590, 2613, 2629, 2653, 2669-2670, 2689, 2703, 2707, 2726, 2757, 2799, 2811, 2909, 2912, 2928, 2931, 2975, 2988, 2991-2992, 3076-3077, 3139, 3150, 3155, 3159, 3175-3176, 3187, 3205, 3208, 3210, 3237, 3250, 3255, 3278, 3286, 3293, 3311, 3355, 3358-3359, 3361, 3388, 3396, 3414-3415, 3477, 3509, 3519, 3541, 3554, 3594, 3615, 3624, 3627, 3693, 3695,

SUBJECT INDEX

- 3731-3732, 3737, 3740, 3745, 3814, 3835, 3841, 3865, 3904, 3929, 3939, 3956, 3970, 4005, 4007, 4011, 4013, 4049, 4068, 4075-4076, 4100, 4114, 4171, 4205, 4226, 4228, 4291, 4310, 4334-4335, 4382, 4395, 4405, 4432, 4482, 4473, 4510, 4512, 4519, 4525-4528, 4562, 4580, 4635, 4651, 4678, 4687, 4699, 4703, 4738, 4771, 4815, 4851, 4876, 4882, 4947-4948, 4963, 4969, 4980, 5006, 5015
- [TUITARY GLAND FUNCTION TESTS: 191, 943, 1368, 2101, 2346, 2595, 2726, 3311, 3693, 3890, 4524
- [TUITARY GLAND IRRADIATION: 1058, 4882
- [TUITARY GLAND, POSTERIOR: 236, 425, 750, 919, 1215, 1380, 1690-1691, 2912, 3172, 3229, 3541, 3602, 3907-3908, 4412
- [TUITARY HORMONE RELEASING HORMONES: 86, 358, 514, 729, 888, 1345, 1541, 1621, 1942, 1975, 2191, 2756, 2782, 3000, 3159, 3696, 4362
- [TUITARY HORMONES: 521, 700, 1004-1005, 1046, 1085, 1927, 2343, 2912, 3000, 3623, 3732, 4812
- [TUITARY HORMONES, ANTERIOR: 191, 358, 995, 998, 1172-1173, 1489, 1621, 1983, 2002, 2009, 3449, 4064, 4163, 4616, 4630
- [TUITARY HORMONES, POSTERIOR: 2425, 3449, 3466
- [TUITARY NEOPLASMS: 64, 68, 279, 322, 355, 362, 381, 481, 488, 571, 626, 630, 764, 785, 898, 1058, 1064, 1207, 1286, 1837, 1852, 1880, 2101, 2424, 2595, 2689, 2715, 2816, 2938, 2972, 3379, 3554, 3732, 3913, 3952, 3956, 3979, 3981, 4291, 4347, 4395, 4616, 4910, 4947
- LACEBOS: 114, 363, 773, 1051, 1164, 1300, 1755, 1921, 2336, 2387, 2411, 2492, 2603, 2926, 2942, 2987, 3091, 3163, 3198, 3643, 3844, 3856, 4350, 4358, 4803, 4888
- LACENTA: 93, 156, 214, 312, 328, 339, 434, 549, 600, 607-608, 612-613, 621, 668, 731, 754, 767-769, 901, 905, 994, 1078, 1144, 1252, 1260, 1353, 1489, 1516-1517, 1571, 1918, 1928, 1932, 2133, 2145, 2150, 2236-2237, 2263, 2272, 2356, 2436, 2485, 2524, 2536, 2619, 2738, 2742, 2808, 2869, 2927, 2946, 3100, 3336, 3432, 3543, 3645, 3967, 4026, 4099, 4124, 4127, 4189, 4235, 4258, 4317, 4320, 4349, 4453, 4470, 4523, 4555, 4573, 4769, 4826, 4850, 4909, 4932, 5034, 5047
- LACENTA DISORDERS: 189, 280, 339, 588, 600, 607-608, 621, 719, 780, 1106, 1353, 2237, 2356, 2445, 2516, 2563, 2889, 3100, 3373, 3432, 3593, 3645, 3964, 4523, 4612, 4826, 5049
- LACENTAL EXTRACTS: 591, 3886, 4205, 5013
- LACENTAL HORMONES: 2536
- LACENTAL LACTOGEN: 281, 293, 345, 434, 724, 769, 965, 1345, 1429, 2575, 3136, 3209, 3308, 3317, 3744, 3852, 4006, 4258, 4371, 4473, 4951, 4975, 5013
- LANT AGGLUTININS: 249, 443, 849, 1024, 1105, 1316, 1607, 1738, 2077, 3574, 3816, 3971, 4070, 1933
- LANT EXTRACTS: 2189, 3157, 4632
- LANT POISONING: 644
- LANT PROTEINS: 1520, 2564, 2901, 4339
- LANTS: 1480, 1520, 2282, 2544, 2564, 2937, 4632, 1849
- LANTS, EDIBLE: 3502-3503, 4808
- LANTS, MEDICINAL: 414, 4559
- LQUE ASSAY: 3480, 3836
- ASMA: 781, 1953, 3495, 3850, 4295
- ASMA CELLS: 197, 2269, 3082, 3296, 4378, 1381, 4532
- ASMA SUBSTITUTES: 4069
- ASMA VOLUME: 1018, 1452, 1700, 3868-3869, 1031
- ASMACYTOMA: 1187, 1515, 2269
- ASMAPHERESIS: 89, 1847, 3082, 4706
- ASMINOGEN: 156, 1549, 1720, 2675, 2677, 3067
- ASTICS: 3926
- ATELET ADHESIVENESS: 745-746, 798, 1376, 1390, 1465, 1491, 1559-1560, 1715, 1758, 1863, 1870, 1874, 1972, 1998, 2136, 2470, 2539, 2708, 2763, 2790, 2856, 2868, 2966, 3338, 3609, 3921, 3971, 3999, 4058, 4231, 4239, 4252, 4271, 4364, 4585, 4642, 4764-4765, 4970, 4999
- EURA: 4444
- EURAL DISEASES: 990, 5014
- EURAL EFFUSION: 196, 226, 770, 990, 1515, 1849, 1886, 2121, 2166, 3081, 3816, 4284
- EURAL NEOPLASMS: 196
- NEUMOCOCCAL INFECTIONS: 1493, 1579
- PNEUMOENCEPHALOGRAPHY: 64, 362, 481, 898, 1284, 2446, 2715, 3680, 4086
- PNEUMONECTOMY: 990, 1749
- PNEUMONIA: 143, 234, 1200, 2188, 2396, 4380, 4408, 4835
- PNEUMONIA, ASPIRATION: 723
- PNEUMONIA, LOBAR: 1579
- PNEUMONIA, VIRAL: 234
- PNEUMOPERITONEUM, ARTIFICIAL: 1778
- PODOPHYLLIN: 4396
- POISON IVY DERMATITIS: 2279
- POISONING: 32, 572, 1090, 1655, 2237, 3349, 4523
- POLAND: 616
- POLAROGRAPHY: 1993, 2251, 3069, 3474
- POLIOMYELITIS: 1971, 3746
- POLLEN: 3184
- POLY I-C: 69, 2463
- POLY U: 2584, 2980
- POLYAMINES: 3543, 4436
- POLYCARBOXYLATE CEMENT: 3550
- POLYCHLOROBIPHENYL COMPOUNDS: 1992
- POLYCHONDRIITIS, RELAPSING: 1759
- POLYCYTHEMIA: 2554, 2981, 3555, 3668, 4715
- POLYENES: 3663
- POLYETHYLENE GLYCOLS: 262, 2495, 3212-3213, 4411, 4781
- POLYETHYLENES: 1187
- POLYMERS: 1981, 2229, 2763
- POLYMORPHISM (GENETICS): 457, 700, 2130, 2300, 2499, 2597, 3035, 3637, 3778, 4037, 4766, 4989
- POLYMYALGIA RHEUMATICA: 472, 1827, 2178, 2815, 3752, 4716
- POLYMYXIN: 3857
- POLYNUCLEOTIDES: 3613
- POLYOMA VIRUS: 4355, 4710, 4941
- POLYPOIDY: 87, 892, 911, 1832, 1900, 3277, 3529, 3803, 4708
- POLYPS: 2237, 4523
- POLYRADICULITIS: 1166, 1855, 3304
- POLYRIBOSOMES: 1012, 2273, 3056, 3252, 3672, 3732, 4438
- POLYSACCHARIDES: 2474, 2666, 3316-3317, 3344, 4167, 4659
- POLYSACCHARIDES, BACTERIAL: 83, 3938
- POLYSTYRENES: 4601
- POLYTETRAFLUOROETHYLENE: 3550
- POLYURIA: 812, 1841, 2634
- POLYVINYLPIRROLIDONE: 1839, 2587, 5048
- PONS: 741, 776, 1248, 2349, 3448, 4142, 4331, 4686
- POPULATION: 3173
- POPULATION CONTROL: 26
- POPULATION SURVEILLANCE: 783, 2561
- PORPHOBILINOGEN: 235, 1333, 1399, 3119, 3787
- PORPHYRIA: 235, 266, 3119, 3331, 3787, 4843, 4980
- PORPHYRINS: 692, 891, 928, 1092, 3119, 3621, 3787, 4801-4802, 4980
- PORTACAVAL ANASTOMOSIS: 504, 2611, 3356
- PORTAL SYSTEM: 2339, 3620
- PORTAL VEIN: 332, 1657, 2753, 2877, 3620, 4238
- POSITIVE-PRESSURE RESPIRATION: 678, 723, 842, 853, 2102, 3148, 3712, 4987
- POSTGASTRECTOMY SYNDROMES: 4806
- POSTMORTEM CHANGES: 2304
- POSTOPERATIVE CARE: 903, 1187, 2044, 2260, 2581, 2864, 2999, 3124, 3975, 4650, 4714, 4825
- POSTOPERATIVE COMPLICATIONS: 65, 268, 270, 313, 530, 560, 590, 662, 785, 856, 881, 952, 990, 1018, 1078, 1246, 1294, 1357, 1664, 1701, 1717, 1778, 1797, 1850, 1890, 1906, 1952, 2044, 2235, 2238, 2275, 2396, 2399, 2464, 2583, 2706, 3084, 3101, 3346, 3357, 3373, 3607, 3633, 3662, 3770, 3975, 4121, 4353, 4393, 4516, 4565, 4650, 4691, 4785, 4899, 4990
- POSTURE: 92, 290, 362, 945, 1057, 1242, 1602, 2054, 2166, 2214, 2714, 2780, 2883, 3137, 3148, 3233, 3394, 3832, 4261-4262, 4618, 4950
- POTASSIUM: 8-9, 36, 96, 131-132, 136, 158, 177, 271, 285, 337, 411, 421, 423, 539, 708, 721, 781, 790, 807, 851, 882, 1057, 1136, 1161-1162, 1198, 1206, 1264, 1270, 1280, 1282, 1313, 1356, 1392, 1411, 1449, 1451, 1558, 1628, 1647, 1656, 1700, 1719, 1721, 1764, 1772, 1789, 1877, 1916, 1922, 1939, 1986, 2008, 2046, 2116, 2122-2123, 2143, 2195, 2231, 2283, 2320, 2342, 2372, 2404, 2439-2440, 2515, 2559, 2596, 2656, 2678, 2704, 2728-2729, 2763, 2821, 2955, 2990, 2997, 3009, 3019, 3043, 3074, 3093, 3107, 3147, 3164, 3202, 3229, 3241, 3259, 3271, 3326, 3347, 3353, 3378, 3426, 3461, 3468, 3481, 3507, 3518, 3545, 3603, 3648, 3659, 3681, 3692, 3705, 3776, 3791, 3907-3908, 3922, 3996, 4002, 4016, 4039, 4051, 4095, 4162, 4179, 4255, 4308, 4423, 4520, 4528, 4582, 4598, 4603, 4634, 4685, 4747-4748, 4759, 4858, 4878, 4928, 4932
- POTASSIUM CHLORIDE: 509, 1282, 1449, 2031, 2103, 2425, 2504, 2633, 2933, 3014, 3054, 3161, 3705, 4476, 4540
- POTASSIUM DEFICIENCY: 4162, 4878
- POTASSIUM IODIDE: 1617, 3977, 4289, 4586
- POTASSIUM ISOTOPES: 4985
- POTASSIUM PERMANGANATE: 1897
- POTENTIOMETRY: 826, 1274, 2066, 4299, 4849
- POULTRY: 157
- POULTRY DISEASES: 60, 263, 379, 582, 3263
- POVIDONE-IODINE: 2587
- PRACTOLOL: 732, 1261, 1526, 2690, 4610
- PRASEODYMIUM: 1194
- PREANESTHETIC MEDICATION: 1030, 1675, 2568, 4491
- PRECANCEROUS CONDITIONS: 283, 2991-2992, 3776, 4022, 4924, 4971
- PRECIPITATION: 1046, 2011, 2745, 2872
- PRECIPITIN TESTS: 852, 2230, 2316, 3251, 3499, 4541
- PREDIABETIC STATE: 2876, 3288
- PREDNISOLONE: 37, 77, 104, 140, 142, 209, 219, 226, 243-245, 450, 478, 505, 569, 695, 842, 849, 1000, 1105, 1127, 1193, 1200, 1321, 1457, 1514-1515, 1640, 1667, 1675, 1701, 1773, 1818, 1914, 1943, 1978, 2086, 2178, 2188, 2207, 2347, 2403, 2426, 2452, 2665, 2695, 2781, 2814, 2851-2852, 2875-2876, 3242, 3460, 3492, 3583, 3618, 3633, 3635, 3729, 3774, 3844, 3932, 3941, 3971, 4046-4047, 4077, 4101, 4215, 4378, 4404, 4463, 4521, 4836, 4897, 4995, 5045
- PREDNISOLONE, TOPICAL: 2725, 4216
- PREDNISONE: 5, 47, 55, 84, 89, 91, 141, 143, 196, 248, 321, 347, 369, 385, 409, 498, 510, 530, 567, 680, 689, 745, 787, 794, 804, 807-808, 894, 988, 1035, 1064, 1119, 1141-1143, 1205, 1214, 1289, 1293, 1339, 1341, 1376, 1606, 1623, 1657, 1706, 1718, 1850, 1921, 1949, 2095, 2166, 2175, 2216, 2247, 2257, 2324, 2345, 2387, 2399, 2405, 2409, 2436, 2443, 2480, 2584, 2815, 2851-2852, 2855, 2887, 2896, 3032, 3070, 3072, 3082, 3147, 3196, 3275-3276, 3305, 3357, 3370-3371, 3391, 3394, 3421, 3435, 3442, 3445, 3492, 3494, 3538, 3652, 3725, 3820, 3857, 3962, 4030, 4057, 4215, 4224, 4231, 4253, 4281, 4372, 4380, 4509, 4563, 4654, 4716, 4738, 4743, 4768, 4783, 4805, 4823, 4885, 4902, 4961, 4970, 5009, 5017, 5024, 5039, 5053, 5058
- PREGNADIENEDIOLS: 4803
- PREGNADIENES: 753, 683, 1973, 2084, 4020, 4497
- PREGNADIENETRIOLS: 1835
- PREGNANCY: 31, 67, 70, 93, 171, 182, 189, 214, 247, 255, 281, 299, 301, 339, 341, 345, 376, 380, 384, 388, 434, 453, 494, 513, 543, 547, 549, 556, 588, 591, 603, 607-608, 612-613, 621, 668, 681, 692, 702, 712, 719, 731, 753, 767-769, 808, 815, 847, 867, 876, 883, 901, 953, 966, 979, 992-993, 1052, 1073, 1088, 1097, 1108, 1208, 1231, 1239, 1249, 1252, 1280, 1277, 1285-1286, 1307, 1309, 1315, 1350-1351, 1353, 1358, 1428-1429, 1435, 1452, 1458, 1473, 1496, 1508, 1546, 1571, 1573-1574, 1586, 1591, 1601, 1627, 1632, 1650, 1669, 1705, 1742, 1824, 1844, 1901, 1918, 1932, 1948, 1951, 1969, 1974, 1981, 1995, 2002, 2014, 2058, 2062, 2084, 2092, 2107, 2115, 2120, 2133, 2141, 2145, 2179, 2186, 2226, 2233, 2236-2237, 2263, 2271, 2285, 2292, 2315, 2360, 2390-2391, 2435, 2473, 2485, 2502, 2516, 2522, 2524, 2535, 2569, 2575, 2578, 2648, 2677, 2681-2682, 2693, 2701, 2709, 2726, 2746, 2760, 2764, 2783, 2789, 2791, 2808, 2859, 2861-2862, 2889, 2898, 2920, 2961, 3016, 3067, 3100, 3126, 3162, 3178, 3200, 3245, 3247, 3255, 3287, 3317, 3329, 3355, 3363, 3367, 3372-3373, 3414, 3432, 3437, 3458, 3542-3543, 3572, 3593, 3646, 3671, 3693-3694, 3710-3711, 3760-3761, 3805-3806, 3821, 3840, 3850, 3886, 3889, 3892, 3952, 3964, 3987, 3990, 4006, 4099, 4104, 4106, 4127, 4135, 4140, 4189, 4212, 4235, 4256, 4258, 4265, 4272, 4275, 4283, 4311, 4317, 4320, 4330, 4349, 4352, 4360, 4419, 4429, 4453, 4468, 4500, 4523, 4547, 4555, 4560, 4578, 4600, 4652, 4655, 4693, 4739, 4764, 4769, 4782, 4850, 4852, 4887, 4900, 4905, 4909, 4922, 4932, 4950-4951, 4965, 5001, 5028, 5035, 5055
- PREGNANCY, ANIMAL: 70, 470, 589, 603, 668,

SUBJECT INDEX

706, 713, 731, 1052, 1071, 1400, 1496, 1538, 1633, 1978, 2012, 2115, 2563, 2927, 3016, 3355, 3414, 3527, 3586, 3646, 3691, 3867, 4135, 4205, 4212, 4451, 4500, 4746, 4870, 5013
PREGNANCY COMPLICATIONS: 31, 37, 378, 453, 815, 847, 930, 956, 966, 1075, 1078, 1104, 1286, 1314, 1367, 1461, 1473, 1580, 1645, 1946, 2014, 2082, 2233, 2502, 2524, 2578, 2709, 2746, 3107, 3277, 3317, 3336, 3639, 3952, 4006, 4033, 4258, 4275, 4578, 4600, 4655, 4852, 4950-4951, 5035, 5047, 5049
PREGNANCY COMPLICATIONS, CARDIOVASCULAR: 339, 768, 780, 1452, 1591, 2079, 3437, 4950, 4975
PREGNANCY COMPLICATIONS, HEMATOLOGIC: 4317, 4800, 4764
PREGNANCY COMPLICATIONS, INFECTIOUS: 808, 2563, 4069, 4330, 4429, 4600
PREGNANCY, ECTOPIC: 991, 1272, 3136
PREGNANCY IN DIABETES: 281, 341, 965, 1358, 3645, 3952
PREGNANCY, MULTIPLE: 1078, 3593, 4950
PREGNANCY, PROLONGED: 586, 1352, 2575
PREGNANCY TESTS: 189, 239, 955, 2092, 2763
PREGNANCY TESTS, IMMUNOLOGIC: 1130, 1428, 2783
PREGNANCY TOXEMIAS: 31, 280, 634, 768, 1351, 1650, 1734, 2079, 2237, 2769, 2889, 3100, 3136, 3189, 3630, 4419, 4523, 4612, 4764, 4826, 4950, 4975
PREGNANCY, TUBAL: 1879, 2701
PREGNANCY, UNWANTED: 1231
PREGNANEDIOL: 21, 405, 692, 823, 1026, 1703, 2012, 2042, 2048, 2105, 2401, 2524, 2578, 2796, 3107, 3227, 3336, 3461, 3837, 4217
PREGNANEDIONES: 970, 1602, 1697, 2012, 2277, 3222, 3491, 3700, 4266, 4432
PREGNANES: 162, 1026, 1697, 2012, 3750, 4801-4802
PREGNANETRIOL: 1026, 1703, 2524, 3107, 3763, 4115
PREGNENEDIONES: 1092, 2658, 4233
PREGNENES: 559, 1465, 1973, 2591, 3966, 4497
PREGNENOLONE: 93, 297, 384, 613, 822, 840, 996, 1144, 1399, 1740, 1863, 1898, 1973-1974, 2097, 2108, 2454, 2524, 2528, 2680, 2738, 2774, 2857, 3007, 3058, 3222, 3270, 3298, 3327, 3336, 3586, 3775, 3991, 4047, 4133, 4146, 4416
PREGNENOLONE CARBONITRILE: 2099, 4101
PREMEDICATION: 4610
PRENATAL CARE: 4033
PRENATAL DIAGNOSIS: 1315, 1352, 1641, 1686, 1771, 1951, 2092, 2258, 2445, 2648, 4106, 4135, 4612
PRENYLAMINE: 272, 1303, 3907
PROOPERATIVE CARE: 383, 1503, 1600, 1645, 2270, 2752, 3042, 3570, 4091, 5057
PRESCRIPTIONS: 1968
PRESERVATION, BIOLOGICAL: 1041, 1659, 4284
PRESSORECEPTORS: 2211, 2594, 2605
PRESSURE: 73, 552, 642, 820, 895, 950, 1203, 1274, 2546, 2895, 3008, 3515, 3622, 4987, 5005
PREVENTIVE DENTISTRY: 2777
PRIPISM: 952
PRIMATES: 197, 4515
PRIMIDONE: 773, 4182
PRISONERS: 4072
PROADIFEN: 813
PROBABILITY: 307, 818, 1183, 1480, 2327, 2597, 3985, 4170
PROBENECID: 2017, 2690, 2705, 3643
PROBLEM SOLVING: 2940
PROCAINE: 138, 292, 844, 1193, 1922, 2496, 2568, 3161, 4489, 4557
PROCARBAZINE: 84, 91, 104, 680, 1119, 3305, 4030, 4793, 4961
PROCHLORPERAZINE: 1882, 3440, 4539
PROCTOLOGY: 1161
PROGERIA: 1930-1931, 4313
PROGESTATIONAL HORMONES: 221, 418, 515, 753, 1028, 1052, 1249, 1531, 1597, 1703, 1885, 2084, 2344, 2873, 3301, 3544, 3867, 3887, 3991, 4020, 4275, 4471, 4497, 4676, 4698, 4834, 5055
PROGESTERONE: 44, 51, 70, 86, 93, 217, 222, 237, 244, 247, 259, 276, 297, 346, 348, 365, 384, 453, 485, 488, 470, 493, 513-514, 538, 545, 554, 580, 585, 574, 578, 591-592, 613-614, 632, 639, 655, 667-668, 705, 731, 789, 796, 818, 822-823, 837, 840, 869, 875, 883, 996, 1001, 1037, 1039, 1073, 1079, 1084, 1092, 1094, 1144, 1148, 1164,

1242, 1328, 1334, 1388, 1399-1400, 1429, 1471, 1531, 1536, 1538, 1549, 1576, 1602, 1606, 1627, 1632-1634, 1642, 1669, 1720, 1734, 1771, 1796, 1883, 1898, 1935, 1947, 2012, 2014, 2058, 2084, 2096, 2111, 2115, 2144, 2147, 2149, 2190, 2208, 2236, 2276-2277, 2413, 2438, 2454, 2475, 2477, 2516, 2524, 2528, 2572, 2611, 2642, 2671, 2680, 2688, 2699, 2738, 2740, 2755, 2774, 2784, 2786, 2791, 2796, 2826, 2911, 2948, 2950, 2970-2971, 2973, 3000, 3007, 3058, 3116, 3133, 3137, 3139, 3158, 3222, 3233, 3255, 3260, 3295, 3298, 3301, 3327, 3336, 3355, 3366, 3407, 3424, 3426, 3444, 3454, 3458, 3527, 3607, 3622-3623, 3655, 3671, 3708, 3749, 3760-3761, 3763, 3769, 3771, 3775, 3789, 3807, 3825, 3860, 3864, 3877, 3883, 3987, 3991, 4008-4009, 4014, 4047-4048, 4088, 4094, 4101, 4119, 4122, 4138, 4143, 4184, 4204, 4240, 4261, 4346, 4352, 4398, 4426, 4432, 4493, 4497, 4651, 4700, 4733, 4741, 4758, 4857, 4909, 4922, 5005, 5022
PROGNOSIS: 4, 90, 104, 142, 244, 407, 546, 569, 643, 835, 965, 1055, 1164, 1293, 1315, 1357, 1561, 1655, 1761, 1929, 1985, 2093, 2100, 2232, 2265, 2315, 2346, 2379, 2734, 2765, 2772, 2889, 3094, 3188, 3309, 3370, 3521, 3607, 3674, 3917, 3962, 4006, 4030, 4414, 4467, 4614, 4885, 4952, 4961, 4997, 5014
PROGRAMMED INSTRUCTION: 1175
PROGRESSIVE PATIENT CARE: 491
PROINSULIN: 1382, 2422, 2993
PROLACTIN: 119, 166, 170, 207, 217, 358, 363-365, 441-442, 488, 550, 614, 696, 700, 709, 715, 731, 796, 818, 891, 958, 1001, 1011, 1046, 1073, 1149, 1164, 1207, 1334, 1345, 1364, 1400, 1519, 1564, 1587, 1619, 1621-1622, 1633, 1716, 1873, 1880, 1926, 1942, 1983, 1990, 2002, 2004, 2038, 2117, 2174, 2191, 2196, 2224, 2242, 2294, 2481, 2490, 2531, 2554, 2629, 2661, 2663, 2671, 2707, 2782, 2818, 2825-2827, 2840, 2855, 2865, 2878, 2924, 2948, 2958, 3000, 3076, 3134, 3139, 3149, 3189, 3203, 3208, 3210, 3255, 3311, 3361, 3363, 3414, 3477, 3594, 3624, 3693, 3743-3744, 3837, 3973, 4004, 4014, 4205, 4226, 4458, 4510, 4524-4526, 4553, 4616, 4635, 4815, 5013, 5026, 5030
PROLINE: 2, 173, 729, 1880, 2802, 2912, 3554, 3571, 4153, 4634
PROMAZINE: 1299, 3440, 4472, 4539
PROMETHAZINE: 617, 2188, 2895, 3440
PROMETHE: 2300, 2543-2544, 3368, 3648, 4909
PRONETHALOL: 4610, 4866
PROPANE: 3531
PROPANEDIOLS: 11, 2277, 2738
PROPANOLAMINES: 9, 2500, 4240, 4354
PROPIONATES: 238, 528, 857, 1132, 1534, 2099, 2883, 3132, 3168, 3238, 3393, 3476, 4101, 4261, 5012
PROPIONIBACTERIUM: 1378
PROPRANOLOL: 42, 181, 218, 454, 490, 636, 986, 1168, 1332, 1436, 1526, 1755, 1767, 1776, 1922, 1936, 2019, 2031, 2137, 2218, 2271, 2352, 2448, 2492, 2500, 2527, 2610, 2613, 2679, 2752, 2824, 2895, 3042, 3130, 3185, 3224, 3284, 3293, 3325, 3353, 3419, 3501, 3677, 3757, 3809, 3815, 3882, 3921, 4084, 4093, 4323, 4356, 4398, 4491, 4582, 4610, 4866, 4939, 5032
PROPYLAMINES: 2500, 4268, 4303, 4354
PROPYLTHIOURACIL: 16, 52, 210, 756, 801, 1228-1229, 1456, 1580, 2143, 2691, 2964, 3463, 4366, 4562
PROSPECTIVE STUDIES: 744, 775, 1797, 1986, 2801, 3577, 3625, 4273, 4596, 4775, 4789, 4805, 4834
PROSTAGLANDINS: 42, 45, 59, 103, 150, 160, 163-164, 187, 194, 202, 298, 303, 357, 393, 519, 556, 617, 622, 634, 667, 671, 678, 697, 702, 874-876, 907, 941, 982, 1007, 1023-1024, 1039, 1053, 1089, 1094, 1098, 1118, 1157, 1163, 1209, 1231, 1309, 1312, 1367, 1390, 1395, 1400, 1411, 1415, 1427, 1491, 1530, 1547, 1564, 1579, 1599, 1629, 1635, 1651, 1660, 1699, 1714, 1721, 1745, 1748, 1757, 1770, 1787, 1806, 1829, 1834, 1836, 1852-1853, 1881, 1885, 1948, 1958, 1972, 1982, 1998, 2045, 2054, 2057, 2079, 2083, 2094, 2132, 2134, 2136, 2170, 2179, 2184-2185, 2202, 2205, 2254, 2264, 2271, 2302, 2355, 2423, 2430, 2448, 2460, 2473, 2500, 2507, 2535, 2542, 2558, 2569-2570, 2612, 2648, 2650, 2679, 2708, 2722, 2790, 2824, 2868, 2891, 2898, 2914, 2960, 3015, 3025, 3051, 3067, 3095, 3106, 3128, 3144, 3185, 3336, 3366, 3429, 3456, 3470, 3548, 3568, 3585,

3589, 3629, 3640, 3642, 3708-3709, 3756-3757, 3786, 3810, 3882, 3930, 3942, 3951, 3957, 3972, 4006, 4043, 4046, 4053, 4084-4085, 4122, 4150, 4200, 4203, 4209, 4220, 4230, 4232, 4236, 4239, 4271, 4283, 4293, 4304, 4309, 4323, 4354, 4368, 4399, 4415, 4418, 4448, 4495, 4500, 4508, 4515, 4549, 4561, 4585, 4642, 4701, 4741, 4746, 4769, 4819, 4838, 4870, 4873, 4883, 4887, 4935, 4943, 4964, 4986, 5005-5006, 5018, 5024
PROSTATE: 63, 459, 655, 715, 825, 924, 967, 113, 1485, 1535, 1542, 1725, 1756, 1908, 1955, 2253, 2490, 2675, 2644, 2914, 2973, 3083, 3123, 3182-3183, 3205, 3326-3327, 3415, 3476, 3554, 4152-4153, 4160, 4384, 4398-4399, 4427, 4432, 497, 4516, 4584, 4990, 5056
PROSTATECTOMY: 1944
PROSTATIC HYPERTROPHY: 305, 684, 1944, 2253, 2973, 3554
PROSTATIC NEOPLASMS: 269, 739, 1383, 1542, 1871, 1909, 1944, 2093, 2253, 2428, 3082, 3156, 3182-3183, 3314, 3497, 3420, 3891, 4358, 4427, 4516, 4584, 4990, 5056
PROSTATITIS: 952
PROSTHESIS: 1573, 2229, 3551
PROSTHESIS DESIGN: 1187, 4353
PROTAMINES: 1595, 2733, 3643
PROTEIN BINDING: 12, 94-95, 101, 109, 157, 161, 171, 192, 228, 258, 276, 315-316, 334, 366, 372, 386, 467-468, 516, 521, 540, 548, 559, 582, 635, 648, 655, 683, 723, 742, 804, 834, 843, 855, 883, 928, 1032, 1114, 1188, 1196, 1305, 1324-1325, 137, 1382-1383, 1429, 1485, 1521, 1628, 1630, 1634, 1644, 1658, 1669, 1742, 1756, 1808, 1880, 1884, 1914-1915, 1932, 1944, 1958-1959, 2058, 2076, 208, 2108, 2144, 2173, 2195, 2199, 2259, 2268, 2290, 2302, 2572, 2598, 2607, 2609, 2635, 2697, 2723, 2733, 2778, 2859, 2907, 2915, 2933-2934, 2941, 2949, 2959, 2993, 2996, 3054, 3074, 3199, 3202, 3238, 3286, 3313, 3326, 3329, 3334, 3364, 3367-3368, 3444, 3457, 3506, 3548, 3613, 3634, 3641, 3663, 3748, 3765, 3843, 3863, 3879, 3881, 3905, 3988, 4136, 4202, 4290-4291, 4345, 4357, 4375, 4383, 4434, 4491, 4496, 4513, 4575, 4595, 4659, 4680, 4684, 4716, 4736, 4741, 4752, 4777, 4782, 4811, 4813, 4848, 4864, 4901, 4908, 4920, 4926, 4936, 5003, 5006
PROTEIN-BOUND IODINE TEST: 33-34, 157, 181, 309, 637, 756, 969, 1319, 1463, 1511, 1523, 1580, 1594, 1625, 1802, 1858, 1998, 2293, 2450, 2523, 2587, 2820, 2899, 3042, 3245, 3558, 3616, 422, 4345, 4679, 4809, 4981
PROTEIN-ALBUMIN MALNUTRITION: 719, 848, 1192, 1542, 2033-2034, 4243, 5047
PROTEIN CONFORMATION: 72, 509, 521, 527, 1644, 1712, 1913, 1984-1985, 2001, 2074-2075, 210, 3054, 3056, 3696, 3748, 4140, 4299, 4920-4921
PROTEIN DEFICIENCY: 969, 1048, 3648, 3691, 5041
PROTEIN DENATURATION: 1196, 1439, 1913, 2017, 3457, 3470, 3648, 3863, 4199
PROTEIN HYDROLYSATES: 3558
PROTEIN KINASE: 12, 388, 548, 1360, 1595-1596, 2011, 2200, 2338, 2352, 2447, 2846, 2922, 3079-3080, 3238, 3453, 3748, 3824, 3843, 4032, 4148, 4154, 4383, 4387, 4434, 4582, 4813, 4864, 4891, 4926, 5006
PROTEIN PRECURSORS: 338, 2075, 3056, 4906
PROTEINS: 2, 98, 100, 135, 150, 228, 237, 296, 401, 493-494, 516, 591-592, 648, 856, 909, 953, 984, 1012, 1032, 1046, 1155, 1188, 1192, 1219, 1261, 1316, 1505, 1629, 1721, 1809, 2155, 2164, 2217, 2230, 2249, 2273, 2322, 2369, 2380, 2480, 2497, 2517, 2548, 2562, 2572, 2599, 2653, 2745, 2778, 2846, 2897, 2928, 2949, 3242, 3313, 3381, 3411, 3499, 3623, 3672, 3760, 3976, 4028, 4047, 4064, 4083, 4177, 4202, 4221, 4246, 4306, 4338, 4379, 4390, 4470, 4519-4520, 4571, 4600, 4643, 4729, 4734, 4800, 4813, 4860, 4984
PROTEINURIA: 55, 90, 248, 347, 787, 1754, 1929, 2526, 2706, 2814, 2851-2852, 3902, 4141
PROTEUS INFECTIONS: 149, 3742
PROTEUS MIRABILIS: 149, 3742
PROTHROMBIN: 2677, 2950, 3067, 3276
PROTHROMBIN TIME: 1996, 2734, 3067, 3320, 3806
PROTONS: 1146
PROTOZOA: 185
PRURITUS: 930, 2686, 3029, 3595, 4233
PSEUDARTHROSIS: 2395
PSEUDOPHTHALMOPATHY: 237, 323, 1575, 1695, 2124, 2627, 3004, 3108, 3522

SUBJECT INDEX

PSEUDOHYPOPARATHYROIDISM: 1794
 PSEUDOMONAS: 658, 791, 922, 1368, 1644, 2066, 4251, 4459-4460, 4463
 PSEUDOMONAS AERUGINOSA: 3857, 4289
 PSEUDOMONAS INFECTIONS: 922, 3857
 PSEUDOPREGNANCY: 387, 702, 731, 1633, 1714, 3255, 3527, 3877
 PSEUDORABIES: 1273
 PSEUDOTUMOR CEREBRI: 1440, 1501
 SILOCYBINE: 3645
 SORIASIS: 460, 785, 1112, 1373, 1522, 2384, 2556, 2788, 2814, 3303, 3532, 3750, 3966, 4019
 PSYCHIATRIC STATUS RATING SCALES: 19, 1164, 3643, 4350
 PSYCHOLOGY: 1573, 3607, 5051
 PSYCHOMOTOR DISORDERS: 1931, 2621, 2624, 4327
 PSYCHOPHARMACOLOGY: 176, 2062
 PSYCHOPHYSIOLOGIC DISORDERS: 1417, 4315
 PSYCHOSES: 858, 1778, 1794, 3607, 3788, 4083, 4646
 PSYCHOSES, INVOLUTIONAL: 4348
 PSYCHOSES, MANIC-DEPRESSIVE: 19, 352, 365, 1942, 2776, 3163, 3481
 PSYCHOSES, SENILE: 816
 PSYCHOSES, TOXIC: 794
 PSYCHOSEXUAL DEVELOPMENT: 2540, 3402, 3467, 5023
 PSYCHOSOCIAL DEPRIVATION: 4533
 PSYCHOSURGERY: 2297
 PSYCHOTHERAPY: 2876, 3989, 4350
 TERIDINES: 11, 208
 PUBERTY: 21, 95, 117, 203, 235, 361, 391, 545, 568, 628, 699-700, 786, 824-825, 910, 1129-1130, 1149, 1169, 1189, 1204, 1355, 1368, 1383, 1663, 1687, 1888, 1961, 1995, 2097, 2129, 2191, 2353, 2386, 2487, 2489, 2502, 2676, 2786, 2888, 3097, 3290, 3464, 3467, 3487, 3623, 3689, 3775, 3830, 3864, 4013, 4029, 4132, 4310, 4327, 4360, 4401, 4488, 4560, 4674, 4742, 4843, 4910, 4912, 4989, 5023
 PUBERTY, PRECOCIOUS: 322, 329, 422, 568, 1129, 1887, 2609, 3109, 4086, 4144, 4403, 4421-4422, 4542, 4545-4546, 4653
 PUBIC SYMPHYISIS: 4140
 PUBLIC ASSISTANCE: 2561
 PUBLIC HEALTH: 2561
 UERPERAL DISORDERS: 563, 867, 1591, 2121, 4195
 URPERIUM: 31, 188, 246, 281, 646, 702, 979, 1078, 1286, 1496, 1601, 1720, 2656, 2659, 4092
 ULMONARY ALVEOLI: 450, 900, 1251, 2140, 2510, 2781, 4220, 4365
 ULMONARY ARTERY: 570, 794, 1049, 1342, 2509-2510
 ULMONARY CIRCULATION: 1579, 2170, 2509-2510, 4764
 ULMONARY EDEMA: 897, 2090, 2509, 3942, 4385, 4444, 4789
 ULMONARY EMBOLISM: 570, 605, 853, 952, 1049, 2285, 2576-2577, 3521, 3628, 4715, 4872
 ULMONARY EMPHYSEMA: 3714
 ULMONARY FIBROSIS: 2695, 2781
 ULMONARY HEART DISEASE: 440, 1177, 4260
 ULMONARY VALVE INSUFFICIENCY: 2510
 ULMONARY VEINS: 2509-2510
 ULPITIS: 1197
 ULSE: 1201, 1365, 1642, 3463, 4237, 4709
 UNCHED-CARD SYSTEMS: 3914
 UNCTURES: 1115, 2166, 3917, 4599
 UNISHMENT: 830
 UPA: 2579
 UPIL: 678
 URINE NUCLEOSIDES: 1222, 1297
 URINE-PYRIMIDINE METABOLISM, INBORN ERRORS: 1183, 4298
 URINES: 208, 2135, 2612
 URINE CELLS: 410, 801, 1393, 1409
 UROMYCIN: 665, 909, 1219, 1290, 2760, 3250, 3252, 4047, 4094
 URPUA: 243-244, 2484, 2526, 2584, 4060, 4531
 URPUA, THROMBOPENIC: 243, 505, 1339, 1743, 3362, 3670, 4642
 UTRESCINE: 884, 2659, 3363
 YELONEPHRITIS: 149, 1091, 1584, 1733, 2050, 2700, 3559, 4328, 4783
 YLORIC ANTRUM: 134, 3997
 YLORIC STENOSIS: 3389
 YLORUS: 3395, 3671, 4411
 YODERMA: 3974, 4743

PYRANS: 2463, 3919
 PYRANTEL: 738
 PYRAZINAMIDE: 4298, 4530
 PYRAZOLES: 1491, 1881, 3321, 4044, 4430
 PYRIDINES: 162, 419, 450, 1303, 1839, 2295, 2420, 2774, 3485, 3650, 3953, 4268, 4424, 4801-4802, 4818, 5008
 PYRIDINIUM COMPOUNDS: 3641
 PYRIDINOLCARBAMATE: 1863
 PYRIDONES: 4900
 PYRIDOSTIGMINE BROMIDE: 3492
 PYRIDOXAL PHOSPHATE: 537, 1106, 3225, 3751
 PYRIDOXINE: 1106, 1218, 2919, 3587, 3751, 4590, 4900, 4982
 PYRIDOXINE DEFICIENCY: 1106, 3751
 PYRIMIDINE NUCLEOSIDES: 349, 1222, 3207
 PYRIMIDINES: 1491, 3321, 4044
 PYROGALLOL: 378
 PYROGENS: 1486, 1676, 3938, 4043
 PYROPHOSPHATASES: 1254, 4177
 PYROPHOSPHATES: 954, 1291, 1932, 2812, 4734
 PYROPHOSPHORIC ACIDS: 1918
 PYRROLES: 4207, 4288
 PYRROLIDINES: 2193, 2469, 4359, 4895
 PYRROLIDINONES: 1748, 2489
 PYRUVATE CARBOXYLASE: 4883
 PYRUVATE DEHYDROGENASE COMPLEX: 885, 1920
 PYRUVATE KINASE: 30, 2744, 3026, 3965, 4734, 4919
 PYRUVATES: 489, 799, 1831, 1920, 1964, 2237, 2303, 2680, 2943, 3093, 3634, 3762, 4523, 4827

Q

QUACKERY: 3532
 QUAIL: 28, 157, 720, 1992, 2606, 3359, 3375, 3510, 3818, 4504
 QUALITY CONTROL: 416, 1909
 QUANTUM THEORY: 3665, 4476
 QUESTIONNAIRES: 491, 3030, 3616, 4350
 QUINACRINE: 457, 1457, 4037, 4439
 QUINAZOLINES: 882, 4356
 QUINIDINE: 1526, 2090, 4557, 4866
 QUININE: 657, 2911
 QUINOLINES: 48, 616-617, 1174, 2897, 2976
 QUINOLIZINES: 976
 QUINONES: 2066, 4207
 QUINOXALINES: 2425
 QUINOTERENOL: 1223, 4466
 QUINUCLIDINES: 4761

R

RABBITS: 98, 101, 113, 115, 137, 148, 154, 164, 226, 231, 271-272, 301, 358, 388, 390, 394, 467, 520, 551, 556, 591-592, 618, 683, 712, 797, 800, 802, 826, 868, 871, 913, 953, 1032, 1086, 1337-1338, 1376, 1380, 1422, 1429, 1454, 1456, 1467, 1508, 1531, 1533, 1555, 1629, 1658, 1667, 1673, 1678, 1684, 1881, 1895, 1911, 1915, 1978, 1983, 2002, 2037, 2066, 2109, 2131, 2144, 2198, 2204-2205, 2288, 2290, 2293-2294, 2304, 2316, 2418, 2425, 2448, 2469, 2472-2473, 2539, 2570, 2590, 2745, 2758, 2761, 2799, 2809, 2818, 2821, 2826, 2848, 2857, 2859, 2865, 2877, 2898, 2930, 3007, 3031, 3034, 3104, 3126, 3132, 3136, 3149, 3153, 3199, 3258, 3260, 3264, 3274, 3284, 3317, 3321-3323, 3338, 3344, 3351, 3390, 3446, 3477, 3485, 3510, 3667, 3693, 3726, 3747, 3765, 3805, 3889, 3916, 3971, 3986, 3999, 4009, 4060, 4123, 4129, 4167, 4231, 4233, 4239, 4293, 4301, 4349, 4445, 4499, 4504, 4616, 4618, 4624, 4636, 4644, 4647, 4684, 4727, 4749, 4764, 4770, 4781, 4831, 4841, 4854, 4898, 4932, 4943, 4960, 4991, 5043, 5052
 RABIES: 370
 RABIES VIRUS: 370
 RACIAL STOCKS: 1165, 1415, 2180, 2657
 RADIAL NERVE: 2785
 RADIATION CHIMERA: 1053, 1316
 RADIATION DOSAGE: 225, 351, 1146, 1245, 1777, 1937, 2819, 2845, 3320, 3631, 3817, 4000, 4397, 4490, 4938
 RADIATION EFFECTS: 115, 124, 225, 609, 684, 931, 1011, 1341, 1361, 1441, 1870, 1937, 2077, 2358-2359, 2550, 2845, 3313, 3576, 3878, 4257, 4340, 4470, 4616, 4664, 4723, 4783, 4903, 4938
 RADIATION GENETICS: 351, 717, 1239, 1713, 1777, 1891, 2206, 2616, 3320, 3985, 4000, 4135, 4170, 4397, 4874
 RADIATION INJURIES: 302, 783, 1813, 2082, 2275, 2541, 2819
 RADIATION INJURIES, EXPERIMENTAL: 2433, 3138, 3191, 4231, 4629, 4668
 RADIATION MONITORING: 2905
 RADIATION PROTECTION: 4799
 RADIATION-PROTECTIVE AGENTS: 1583, 2488, 4257, 4668
 RADIATION-SENSITIZING AGENTS: 717, 3531, 4257
 RADIOACTIVE FALLOUT: 783, 2905
 RADIODERMATITIS: 1146, 2541
 RADIOGRAPHIC IMAGE ENHANCEMENT: 2715, 3567
 RADIOGRAPHIC MAGNIFICATION: 4853
 RADIOGRAPHY: 437, 1710, 2845, 3985, 4077, 4490
 RADIOGRAPHY, PANORAMIC: 2394
 RADIOIMMUNOASSAY: 9, 14, 44, 51, 113, 117, 139, 144, 146, 158, 166, 195, 217, 231, 293, 306, 309-310, 317, 325-326, 337, 341, 345, 363-365, 394, 412, 428, 439, 453, 467, 470, 475, 477, 499, 519, 545, 551, 612-614, 628, 632, 646, 683, 688, 705-706, 709, 712, 737, 745, 755-756, 769, 823, 829, 845-846, 869, 871, 889, 912, 958, 1001, 1006, 1019, 1071, 1074, 1134-1135, 1159, 1207, 1212, 1215, 1226-1227, 1230, 1233, 1264, 1270-1271, 1305, 1320, 1329, 1337-1338, 1340, 1345, 1400, 1408, 1447, 1468, 1489, 1520, 1538, 1555, 1594, 1622, 1625, 1630, 1634, 1648, 1677-1678, 1716, 1753, 1782, 1808, 1828, 1852, 1862, 1873, 1881, 1896, 1910-1911, 1915-1916, 1934, 1944, 1947, 1950, 1954, 1969, 1983-1984, 2002, 2023, 2043, 2054, 2093, 2101, 2104, 2109, 2115, 2124, 2129, 2131, 2141, 2144, 2146-2147, 2149, 2167, 2203, 2224, 2241-2242, 2280, 2284, 2292, 2294, 2304, 2341, 2377, 2405, 2414-2416, 2465, 2481, 2514, 2609, 2640-2641, 2681, 2671, 2707, 2710, 2732, 2749, 2755, 2757, 2782, 2789, 2793, 2809, 2816, 2825-2827, 2855, 2859, 2865, 2975, 2988, 2988, 2996, 3076-3077, 3114, 3127, 3136, 3149, 3160, 3185, 3199, 3203, 3227, 3234, 3237, 3250, 3255, 3283, 3286-3287, 3293, 3307-3308, 3311, 3326, 3329, 3352-3353, 3355, 3361, 3364, 3397, 3401, 3416, 3443, 3454, 3463, 3466, 3473, 3477, 3479, 3506, 3514, 3530, 3624, 3627, 3666-3667, 3689, 3719, 3721-3724, 3726, 3753, 3814, 3820-3821, 3837, 3852, 3868, 3870, 3883, 3890, 3903, 3939, 3959, 3961, 3965, 3980, 3986, 4008, 4011, 4014-4015, 4020, 4027, 4064, 4075, 4081, 4088-4089, 4099, 4109, 4114, 4122-4123, 4132, 4143, 4157, 4184, 4205, 4218, 4258, 4293, 4310, 4335, 4374, 4458, 4479, 4499, 4553, 4555, 4561, 4568, 4591, 4604, 4644, 4653, 4667, 4736-4738, 4758, 4770, 4784, 4815, 4825, 4850-4851, 4876, 4884, 4906, 4940, 4942, 4947, 4950-4951, 4966, 4978
 RADIOISOTOPE DILUTION TECHNIC: 205, 992, 4162, 4926
 RADIOISOTOPE RENOGRAPHY: 1078, 1091, 2085
 RADIOISOTOPE SCANNING: 64, 183, 225, 321, 354, 481, 530, 641, 718, 743, 898, 929, 969, 1080, 1314, 1342, 1600, 1854, 1865, 2068, 2210, 2418, 2493, 2609, 2721, 2969, 3059, 3342, 3605, 3989, 4038, 4130, 4225, 4277, 4358, 4427, 4520, 4530, 4578, 4877, 4929
 RADIOISOTOPE TELETHERAPY: 931, 1245, 1361, 1777, 2359, 3273
 RADIOISOTOPES: 108, 334, 512, 666, 721, 742, 929, 989, 1080, 1174, 1194, 1250-1251, 1336, 1392, 1455, 1458, 1636, 1807, 2184, 2210, 2264, 2354, 2570, 2721, 2740, 2808, 2905, 3013, 3059, 3422, 3509, 3557, 3631, 3678, 3681, 3850, 4202, 4277, 4496, 4808, 4856, 4938
 RADIOLIGAND ASSAY: 22, 337, 728, 883, 2084, 2282, 2880, 2996, 3579, 3667, 3747, 4009, 4291, 4851
 RADIOLOGY: 1117, 3342, 3671
 RADIOLOGY: 3005, 4277
 RADIOLOGY: 302, 1523, 1777, 1871, 2026, 2101, 2257, 2541, 2819, 4723, 4799, 4835
 RADIOLOGY DOSAGE: 4, 302, 680, 931, 1288, 1361, 1473, 1551, 1636, 1871, 1965, 2026, 2171, 2359, 2819, 3049, 3727, 4723, 4799, 4835
 RADIOLOGY, HIGH ENERGY: 931, 1245, 1361, 1777, 4835
 RADIUM: 302, 334, 1296, 4490
 RADIUM: 814, 932, 934-936, 1262, 1296, 1879, 2822, 4234
 RAILROADS: 4665
 RANA: 2065, 3943

SUBJECT INDEX

RANA CATESBEIANA: 486, 1385, 2670, 3601, 4773
 RANA ESCULENTA: 752, 4856
 RANA PIPIENS: 755, 3051, 3088, 3541, 3608, 3769, 4993
 RANA TEMPORARIA: 819, 1593, 1775, 3482, 3516
 RATS: 2, 8, 12-13, 15, 25, 29, 44, 61, 73, 75, 77, 98, 139, 152-153, 171, 178, 180-181, 210, 223, 228, 241, 254, 262, 265, 275, 285, 287, 296, 316, 358, 358, 366, 373, 380, 387-388, 398, 401, 404, 419, 454, 463-465, 476, 487, 500-501, 520, 525, 527, 529, 541, 548, 550, 552, 557-558, 579, 586, 588, 609, 614, 656, 659-660, 665, 668, 677, 696-697, 725-726, 731, 747, 753, 756, 761-763, 772, 782, 795, 797, 802, 812-813, 822, 824-825, 846, 855, 857, 860, 872, 878-879, 897, 907, 915, 917, 919, 923-924, 941, 950, 954, 969-970, 973, 978, 987, 998, 1013, 1025, 1027, 1052, 1060, 1063, 1068, 1073, 1125, 1155, 1169, 1172, 1182, 1184, 1215, 1240, 1269, 1271, 1283, 1290, 1307, 1316, 1319, 1324, 1334, 1366, 1369-1370, 1399, 1401, 1403, 1405-1406, 1414, 1442-1443, 1455, 1458-1460, 1476, 1478, 1485, 1494, 1505, 1531, 1535, 1537, 1556, 1571, 1583, 1586-1587, 1595, 1601, 1603, 1611, 1619, 1622, 1627, 1632, 1638, 1648, 1662, 1678, 1680, 1689-1691, 1709, 1712, 1722, 1727, 1730, 1758, 1762, 1769, 1780, 1792, 1802, 1804, 1821, 1823, 1825, 1831, 1838, 1844, 1852, 1870, 1880, 1883, 1894, 1899, 1904, 1907, 1913, 1922, 1924, 1936, 1955, 1957, 1959, 1980, 1984, 1989, 2005, 2011-2012, 2060, 2070, 2072, 2078, 2108-2111, 2143, 2146, 2153-2154, 2158, 2161, 2190-2192, 2200, 2213, 2222, 2228, 2230, 2243, 2284, 2295-2296, 2322, 2333, 2349-2351, 2358, 2366, 2370, 2375, 2388-2389, 2400, 2412, 2425, 2429, 2434, 2437, 2444, 2462, 2476-2477, 2485, 2494, 2500, 2506, 2523, 2533-2534, 2546, 2551-2552, 2557, 2560, 2572, 2587, 2589, 2591, 2593, 2599, 2607, 2623, 2626, 2639-2641, 2649, 2651, 2653, 2663, 2668, 2673, 2679, 2687, 2690-2691, 2694, 2707, 2709, 2727, 2760, 2774-2775, 2779, 2791-2792, 2795, 2818, 2839, 2857, 2861, 2878, 2884, 2890, 2897-2898, 2910, 2928, 2931, 2934, 2940, 2945, 2950, 2966, 2972, 2993, 3007, 3020, 3027-3028, 3033, 3055-3056, 3060, 3073, 3076, 3079-3080, 3083, 3092, 3118-3119, 3123, 3127, 3132, 3142, 3160, 3167, 3169, 3181, 3187, 3190, 3192, 3200, 3209, 3233, 3250, 3252, 3255, 3257, 3261, 3271, 3326, 3328-3329, 3332, 3334, 3338, 3350, 3355, 3361, 3374, 3400, 3403, 3414, 3417-3418, 3431, 3441, 3456, 3475-3477, 3485, 3489-3490, 3492, 3496, 3503, 3546, 3553, 3560, 3571, 3578, 3581-3582, 3592, 3599, 3624, 3629, 3655, 3669, 3672, 3676, 3692, 3697, 3747, 3752, 3771, 3789, 3819, 3821, 3824, 3839, 3850, 3853, 3855, 3864, 3872-3874, 3879, 3926-3927, 3948, 3954, 3965, 3968, 3979, 3990, 4001, 4004-4005, 4010, 4018, 4020-4021, 4032, 4052, 4054, 4059, 4068, 4084-4085, 4097, 4099-4101, 4106, 4112, 4135, 4147, 4179, 4183, 4191, 4212, 4226, 4241, 4258-4259, 4261-4262, 4269, 4271, 4290, 4299, 4324, 4334-4335, 4346, 4349, 4361, 4369, 4371, 4376, 4383, 4398, 4404, 4417, 4423, 4442, 4445, 4465, 4468, 4491, 4526-4527, 4533, 4535, 4540-4541, 4545, 4566, 4571, 4575, 4590, 4593, 4600, 4606, 4613, 4616, 4626, 4632, 4635, 4641, 4644-4645, 4652, 4677-4678, 4690, 4701, 4718, 4731, 4739, 4761, 4764, 4769, 4776, 4786-4787, 4795, 4808, 4814-4815, 4827, 4845, 4879, 4883, 4900, 4919, 4922, 4928, 4931-4932, 4943, 4964-4965, 4977, 4984, 4992, 5006, 5008, 5043, 5045, 5052
 RATS, INBRED BUF: 4188
 RATS, INBRED LEW: 4176, 4201
 RATS, INBRED STRAINS: 13, 32, 506, 863, 902, 905, 909, 923, 1816, 2307, 2475, 2519, 2707, 2804, 2840, 3209, 3736, 3738, 4101, 4183, 4201, 4724
 RATS, INBRED WF: 3979, 4731
 RAYNAUD'S DISEASE: 2106, 2983
 REACTION TIME: 212, 522, 830, 2458, 2656, 2911, 2953, 4198, 4992
 RECEPTORS, ADRENERGIC: 178, 397, 454, 542, 653, 665, 821, 908, 965, 1528, 1589, 1660, 1767, 1806, 2500, 2610, 2674, 2720, 2771, 3441, 3858, 3921, 3977, 4303, 4491, 4771, 4858, 4939
 RECEPTORS, CHOLINERGIC: 202, 402, 599, 2720, 3649, 4376
 RECEPTORS, DRUG: 48, 94, 101, 124, 177, 232, 410, 528, 565, 674, 908, 984, 1085, 1195, 1324, 1336, 1370, 1490, 1527, 1558, 1596, 1628, 1656, 1815, 1859, 1874, 2070, 2119, 2136, 2140, 2195, 2205, 2327, 2392, 2473, 2527, 2600, 2763, 2790, 2834, 2921, 2933, 2993, 3086, 3319, 3449, 3634, 3702, 3708, 3809, 3843, 4036, 4083, 4124, 4226, 4365, 4383, 4552, 4894
 RECEPTORS, HORMONE: 77, 97, 426, 700, 730, 879, 893, 908, 923, 1025, 1032, 1114, 1196, 1334, 1382, 1414, 1627, 1741, 1756, 1880, 1908, 2167, 2249, 2311, 2362, 2398, 2557, 2617, 2647, 2697, 2795, 2806, 2844, 2879-2880, 2934, 2993, 3054, 3326, 3333-3334, 3367, 3441, 3444, 3709, 3747, 3863, 3867, 3944, 3979, 3988, 4137, 4211, 4272, 4351, 4497, 4513, 4558, 4659, 4680, 4741, 4857, 4909, 5020
 RECEPTORS, NEURAL: 410, 1282, 4361
 RECOMBINATION, GENETIC: 211, 666, 1183, 1713, 3793, 4474, 4663, 4816
 RECORDS: 1041
 RECTAL DISEASES: 3587, 3603
 RECTAL NEOPLASMS: 2088, 2999, 3003, 3776, 4723
 RECTUM: 670, 1836, 3310, 4381, 4415
 RECURRENCE: 89-90, 143, 436, 478, 621, 975, 1115, 1666, 1854, 1929, 1952, 2029, 2095, 2197, 2405, 2762, 2851, 3370, 3391, 3394, 3398, 3577, 3799, 4030, 4141, 4253, 4281, 4426, 4696, 4768, 4961
 RED NUCLEUS: 1504, 4621
 REFLEX: 642, 844, 1282, 1299, 1421, 1586, 2222, 2425, 3562, 3807, 4211, 4266, 4841
 REFLEX, MONOSYNAPTIC: 4993
 REFLEX, TENDON: 4722, 4793
 REFRACTORY PERIOD, NEUROLOGIC: 1792
 REFRIGERATION: 868
 REGENERATION: 580-581, 2229, 2375, 2703, 4171, 4529, 4708
 REGIONAL BLOOD FLOW: 99, 344, 377, 512, 556, 607, 624, 651, 706, 790, 1030, 1146, 1367, 1411, 1526, 1579, 1692, 1721, 1839, 1916, 2094, 2237-2238, 2430, 2494, 2570, 2612, 2689, 2960, 2982, 3019, 3100, 3224, 3390, 3325, 3491, 3552, 3862, 4405, 4500, 4523, 4626
 REGISTRIES: 491
 REGRESSION: 4511
 REGRESSION ANALYSIS: 1932, 3112, 4162
 REIMPLANTATION: 903
 REINDEER: 3157
 REINFORCEMENT (PSYCHOLOGY): 656-657, 1359, 2138, 2923, 2953, 4010, 4159, 4779
 REINFORCEMENT SCHEDULE: 656, 830, 2649, 2779, 3452, 3953, 4198
 REITER'S DISEASE: 1040, 2788
 RELAXIN: 2276, 4140
 RELIGION AND MEDICINE: 518, 3002
 REMISSION: 4, 90, 104, 142, 369, 429, 510, 1069, 1228-1229, 1597, 1655, 1718, 1761, 1865, 1914, 2095, 2383, 2405, 2426, 2852, 3090, 3119, 3305, 3370, 3442, 3712, 4030, 4141, 4281, 4302, 4358, 4698, 4835, 4860, 4961, 5039
 RENAL ARTERY: 73, 512, 624, 929, 1018, 1820, 1890, 1916, 1952, 1986, 2068, 2085, 2163, 2713, 2754, 3167, 3325, 3468, 3536, 4081, 4307, 4753
 RENAL ARTERY OBSTRUCTION: 523, 624, 929, 974, 1091, 1952, 1986, 2234, 2605, 2700, 2713, 3341, 3500, 3570, 4307, 4549, 4657, 4796
 RENAL OSTEOCYSTROPHY: 173, 200, 533, 760, 804, 1002, 1045, 1322, 1584, 2329, 2479, 2863, 2944, 3559, 3595, 3716, 3795, 4329, 4996, 5051
 RENAL TUBULAR TRANSPORT, INBORN ERRORS: 4079, 4308
 RENAL VEINS: 512, 974, 1358, 1952, 2163, 2348, 4081
 RENIN: 9, 130, 288, 295, 306, 313, 337, 344, 512, 523, 558, 577, 624, 651, 775, 810, 862, 882, 929, 974, 1030, 1054-1057, 1162, 1195, 1201, 1217, 1230, 1233, 1270, 1301, 1332, 1356, 1449, 1452, 1474, 1481, 1499, 1528, 1546, 1620, 1650, 1755, 1820, 1866, 1903, 1916, 1952, 1962, 1966, 2016, 2085, 2182, 2348, 2446, 2566, 2594, 2605, 2613, 2713, 2775, 2843, 2853, 2990, 3018, 3085, 3164, 3167, 3340, 3352-3353, 3586, 3687, 3791, 3828, 3869, 3948, 4081, 4176, 4185, 4190, 4237, 4267, 4260, 4307, 4356, 4466, 4533, 4549, 4568, 4625, 4683, 4685, 4763, 4818, 4829, 4858, 4940, 4942, 4950, 4966, 4987, 5025
 RENIN: 3707
 REOVIRUS: 3272, 4719
 REPRESSION: 4350
 REPRODUCTION: 71, 86, 256, 589, 953, 972, 1123, 1172-1173, 1181, 1285, 1878, 1885, 1977, 2310, 2386, 2899, 3095, 3428, 3469, 4029, 4105, 4143, 4560, 4580, 4655
 REPTILES: 554, 2669, 4110, 4267, 4504

RESEARCH: 3110, 3403, 3690, 3788
 RESEARCH DESIGN: 606, 3030, 3788, 4779, 4833, 4839
 RESEARCH SUPPORT: 3690
 RESERPINE: 207, 576, 587, 796, 976, 985, 1149, 1240, 1546, 1586-1587, 1725, 1776, 1899, 1917, 1980, 2106, 2140, 2154, 2165, 2534, 2539, 3086, 3179, 3181, 3436, 3485, 3563, 3570, 3687, 4085, 4185, 4212, 4245, 4815, 4975, 4982
 RESINS: 1228, 4595, 4809
 RESPIRATION: 651, 811-812, 1066, 1098, 1363, 1642, 1767, 1839, 2425, 2672, 2916, 3164, 3700, 3714, 3762, 3938, 4260, 4304, 4709, 4841, 4987
 RESPIRATION, ARTIFICIAL: 570, 2166, 3847
 RESPIRATORS: 1177
 RESPIRATORY AIRFLOW: 2387
 RESPIRATORY CENTER: 962
 RESPIRATORY DISTRESS SYNDROME: 780, 1013, 1300, 1358, 2186, 3847, 4408, 4951
 RESPIRATORY FUNCTION TESTS: 962, 1363, 2324, 3734, 4292
 RESPIRATORY HYPERSENSITIVITY: 450, 4768
 RESPIRATORY INSUFFICIENCY: 1702, 2044, 2324, 2772, 3539, 3844, 4260
 RESPIRATORY PARALYSIS: 962, 4772
 RESPIRATORY SYNCYTIAL VIRUS: 693
 RESPIRATORY SYSTEM: 3074, 4164, 4490
 RESPIRATORY TRACT DISEASES: 1664, 2833, 4220, 4465, 4716, 4872
 RESPIRATORY TRACT INFECTIONS: 234, 693, 2505, 3012
 RESPIRATORY TRACT NEOPLASMS: 1909
 REST: 473, 502, 2990, 4248
 RESUSCITATION: 2568, 2836
 RETICULAR FORMATION: 776, 977, 1276, 1410, 1664, 2239, 3300, 4732, 4774, 4946
 RETICULOCYTES: 3606, 4532, 5045
 RETICULOENDOTHELIAL SYSTEM: 3350, 3387
 RETICULOENDOTHELIOSIS: 84, 277, 2896, 4229
 RETINA: 535, 654, 1357, 1360, 1501, 2247, 2719, 3267, 3483, 3988, 4480, 4857
 RETINAL DEGENERATION: 4480
 RETINAL DETACHMENT: 1775, 4480
 RETINAL DISEASES: 624, 1827, 2719, 4480
 RETINAL HEMORRHAGE: 288
 RETINAL PIGMENTS: 468, 535, 891, 1360, 3051
 RETINAL VESSELS: 1357, 2902, 4480
 RETINITIS PIGMENTOSA: 2530
 RETROPERITONEAL FIBROSIS: 1761
 RETROPERITONEAL NEOPLASMS: 330, 546, 11317, 1387, 1946, 4131
 RETROPERITONEAL SPACE: 546, 1387, 1761, 2464
 RETROPNEUMOPERITONEUM: 318, 2867, 4131
 RETROSPECTIVE STUDIES: 331, 369, 383, 600, 1302, 1909, 3465, 3468, 3854, 4509, 4596, 4723, 4895
 REVERSAL LEARNING: 3096
 REVERSE TRANSCRIPTASE: 134, 601, 1279, 19460, 4550
 REVIEW: 25, 46, 72, 86, 95, 104, 122, 141, 144, 173-178, 178, 191, 197, 237, 258, 259, 263, 266, 315, 333, 358, 389, 410, 464, 502, 504, 521, 523, 527, 532-533, 547, 554, 596, 624, 672, 692, 700, 711, 791, 802-804, 818, 851, 865, 873, 899, 953-954, 965, 975, 1002-1003, 1010-1011, 1030, 1078, 1088, 1093-1094, 1149, 1155, 1181, 1207, 1220, 1252, 1267, 1271, 1303, 1318, 1334, 1345, 1363, 1390, 1467, 1470, 1474, 1491, 1504, 1526, 1562, 1564, 1591, 1598, 1608, 1628, 1634, 1636, 1682, 1711, 1715, 1717, 1720, 1733, 1746, 1761, 1782, 1810-1811, 1813, 1827, 1829, 1889, 1903, 1929, 1941, 2000, 2005, 2009, 2038, 2070, 2083, 2106, 2116, 2166, 2185, 2196-2197, 2206, 2209, 2215, 2222, 2224, 2229, 2310, 2329, 2354, 2371, 2380, 2386, 2402, 2407, 2426, 2443, 2459, 2463, 2463, 2490, 2546, 2554, 2559, 2574, 2594, 2626, 2654, 2656, 2661, 2735, 2748, 2763, 2773, 2776, 2778, 2782, 2783-2784, 2797, 2810, 2819, 2824, 2826, 2850, 2868, 2881, 2889, 2896, 2902, 2943, 2956, 2960, 2983, 3000, 3012, 3031, 3058, 3064, 3074, 3095, 3100, 3124-3125, 3145, 3159, 3167, 3179, 3181, 3208, 3248, 3277-3278, 3304, 3319, 3322, 3338-3339, 3348, 3360, 3365, 3377, 3381-3383, 3403, 3436, 3451, 3466, 3498, 3509, 3512, 3528, 3534, 3550, 3576, 3603, 3607, 3623, 3639, 3672, 3678, 3686, 3717, 3737, 3744, 3754, 3780, 3791, 3809, 3847, 3859, 3865, 3913, 3985, 4002, 4013, 4031, 4064, 4079, 4083, 4089, 4095-4096, 4178, 4200, 4207, 4220, 4255, 4260, 4267, 4277, 4288,

SUBJECT INDEX

S

4355, 4362, 4364, 4394, 4434, 4443, 4449, 4480, 4515, 4549, 4560, 4609-4610, 4626-4627, 4630, 4637, 4657, 4709-4710, 4716, 4721, 4779, 4786, 4789, 4793, 4800, 4805, 4810, 4829, 4848-4849, 4862, 4902, 4931, 4971, 4986, 4992, 5015, 5040-5042, 5044-5049
 EWARD: 264, 1792, 2649, 4518, 4934
 EYE'S SYNDROME: 2643, 2734, 4467
 H FACTORS: 1468, 3733
 HADDOMYOSARCOMA: 546, 3193
 HEUMATIC FEVER: 1933, 2665, 3291, 5007
 HEUMATIC HEART DISEASE: 1933, 3103, 3437, 4995, 5007
 HEUMATISM: 424, 1827, 1933, 4286
 HEUMATOID FACTOR: 5014
 HEUMATOID NODULE: 5014
 HINITIS: 3184
 HINOVIRUS: 2505
 HIZOPUS: 209
 IB FRACTURES: 2102, 3269
 IBOFLAVIN: 537, 5045
 IBOFLAVIN DEFICIENCY: 5045
 IBONUCLEASE: 349, 655, 1188, 2273, 2300, 2511, 2891, 2933, 3368, 3765, 3948, 3988, 4550, 4909
 IBONUCLEOSIDES: 1222
 IBONUCLEOTIDES: 101, 548, 2829, 2646, 3611, 3708
 IBOSOMES: 277, 434, 998, 1113, 1188, 2013, 2273, 2495, 2564, 2967, 3133, 3381, 3613, 3664, 3732, 3793, 3965, 4434, 4450, 4550, 4922
 IBS: 2127, 2822, 3387, 3450, 3478
 ICIN: 1607
 ICKETS: 200, 268, 315, 361, 430, 644, 727, 843, 1015, 1049, 1609, 1707, 2313, 2561, 2634, 2749, 2828, 3746, 3779, 4082, 4264, 4465
 ICKETS, VITAMIN D RESISTANT: 803, 1661, 2298, 2479, 3739, 3811, 4079, 4264, 4853
 ICKETTISIA: 3916
 ICKETTISIAL DISEASES: 3916
 IFAMPIN: 101, 159, 438, 2080, 2495, 3178, 3252, 4530, 5002
 IFAMYCINS: 5002
 NA: 87, 118, 135, 222, 237, 241, 349, 493, 566, 602, 1061, 1106-1107, 1132, 1155, 1222, 1283, 1316, 1343, 1439, 1441, 1505, 1507, 1520, 1682-1683, 1796, 1830, 1869, 1940, 1963, 2217, 2249, 2517, 2593, 2922, 3054, 3242, 3313, 3513, 3543, 3574, 3620, 3623, 3672, 3684, 3793, 3965, 3987, 4004, 4047, 4103, 4105, 4112, 4178, 4205, 4282, 4312, 4529, 4548, 4601, 4607, 4611, 5047
 NA, BACTERIAL: 159, 2495
 NA, MESSENGER: 101, 434, 609, 1219, 2162, 2495, 2868, 3056, 3444, 3672, 3965, 4541, 4558
 NA, NEOPLASM: 116, 609, 1275, 4341
 NA POLYMERASE: 101, 135, 172, 241, 791, 2483, 2922, 3381
 NA, RIBOSOMAL: 159, 446, 1188, 1441, 1448, 1830, 2310, 3664, 3918, 3965, 4112, 4474, 4550
 NA, TRANSFER: 994, 1188, 2564, 2980, 4558, 4603
 NA, VIRAL: 134, 328, 601, 3438
 NA VIRUSES: 601, 3554, 4710
 ODENT DISEASES: 203, 283, 2972, 3829, 4214, 4778
 ODENTS: 2225, 3529, 3547, 4103, 4297, 4833
 ODS AND CONES: 486, 891, 3051, 3453
 OLE: 4350
 OOT CANAL THERAPY: 645, 2963, 4289
 OSA: 3262
 OSACEA: 1666
 OSANILINE DYES: 750
 OTATION: 362, 1749
 OTENONE: 46, 540, 3768, 4341, 4827
 OUS SARCOMA VIRUS: 4355, 4710
 UBELLA: 1035, 1095, 1472, 1822, 2862, 4312
 UBELLA VACCINE: 2662
 UBINSTEIN-TAYBI SYNDROME: 633, 2621, 4865
 UBREDOXINS: 4848-4849
 UMANIA: 1475, 1933
 UMEN: 1962
 UPTURE: 2328, 3531, 3537, 3561, 4208
 UPTURE, SPONTANEOUS: 1372, 2770, 3742
 URAL HEALTH: 1081, 2833, 4674
 URAL POPULATION: 2833, 4452
 USSIAN FEDERATION (EUROPE): 4674
 UTENIUM: 411, 2834
 UTIN: 150

SACCHAROMYCES: 2483
 SACCHAROMYCES CEREVISIAE: 855, 1087, 1397, 3344, 3472, 3621, 4514
 SACROILIAC JOINT: 1045
 SACRUM: 2312
 SALAMANDERS: 836, 949, 998, 1445, 3186, 3399, 4110, 4171
 SALICYLAMIDES: 258
 SALICYLATES: 1312, 1336, 1933, 2556, 3455, 3632
 SALICYLAZOSULFAPYRIDINE: 617
 SALICYLIC ACID: 163, 1943, 4172
 SALIVA: 789, 1721, 2201, 2588, 3656, 4519-4520
 SALIVARY GLAND DISEASES: 4520, 4971
 SALIVARY GLAND NEOPLASMS: 3934, 4599, 4971
 SALIVARY GLANDS: 87-88, 396, 432, 1107, 1448, 2201, 2296, 2548, 2668, 3258, 4431, 4537, 4729, 4816
 SALIVATION: 812, 1721
 SALMON: 669, 877, 1458, 2761, 3272, 4411
 SALMONELLA INFECTIONS: 1022, 2966, 3603
 SALMONELLA INFECTIONS, ANIMAL: 3593
 SALMONELLA TYPHIMURIUM: 83, 1022, 1024, 2664, 2966
 SALMONELLA TYPHOSA: 83, 1937
 SALMONIDAE: 535, 891, 1180, 1604, 1926, 2733, 3272
 SALPINGITIS: 698, 3804
 SALTS: 917
 SAMARIUM: 1194, 2959
 SAMPLING STUDIES: 391, 3673
 SANITATION: 4719
 SAPHENOUS VEIN: 75, 1311
 SAPONINS: 414, 4559
 SARCOIDOSIS: 193, 472, 803, 1141, 1591, 1759, 1810, 2089, 2126, 2345, 2855, 3639, 3894, 4292, 4477, 4483
 SARCOLEMMMA: 411, 1533, 2103, 2834, 3161, 4387
 SARCOMA: 1616, 1819, 2083, 2292, 2330, 2379, 4835
 SARCOMA, EWING'S: 3193
 SARCOMA, EXPERIMENTAL: 1534, 1982, 3425, 4415, 4652
 SARCOMA, KAPOSI'S: 4229
 SARCOMA, MAST CELL: 2693, 3794
 SARCOMA, OSTEOGENIC: 1187, 2913, 3802
 SARCOMA, RETICULUM CELL: 141, 817, 898, 1237, 2379, 2721, 2972, 3003, 3193, 3580, 4229, 4478
 SARCOMA, YOSHIDA: 1870
 SARCOPLASMIC RETICULUM: 127, 411, 423, 677, 741, 913, 1034, 1859, 2000, 2055, 2103, 2821, 2930, 2976, 3105, 3161, 3248, 3606, 4278, 4324, 4391
 SARCOSE: 1394, 4466
 SATIATION: 358, 3433, 3549, 3815
 SCALP DERMATOSES: 3497, 3725
 SCAPULA: 375, 1893, 3478, 4336, 4389
 SCARLET FEVER: 1933
 SCATTERING, RADIATION: 562
 SCHEUERMANN'S DISEASE: 766, 4997
 SCHIFF BASES: 2256
 SCHIZOPHRENIA: 19, 363, 365, 1365, 1942, 2062, 2198, 2297, 4594
 SCHIZOPHRENIA, CHILDHOOD: 2746, 4327
 SCHOOLS: 1220, 2603
 SCHWANN CELLS: 2462, 5040
 SCIATIC NERVE: 212, 1273, 1409-1410, 2094, 2869, 3034, 3492
 SCINTILLATION COUNTERS: 805, 1250, 1325, 3113, 3906, 4873
 SCLERA: 424, 866, 1225, 1827, 3035, 3284
 SCLEREDEMA ADULTORUM: 3652
 SCLERODERMA, CIRCUMSCRIBED: 2556
 SCLERODERMA, SYSTEMIC: 1827, 3675, 4862
 SCLEROSIS: 5, 1202, 1591, 2802, 3891, 3902, 4125
 SCOLIOSIS: 766, 938, 1225, 1286, 1298, 3111, 3758
 SCOPOLAMINE: 42, 844, 3224, 3840, 5035
 SCOTLAND: 491, 3468
 SCOTOMA: 381, 2298
 SCRAPIE: 3421
 SCRAPIE VIRUS: 3421
 SCROTUM: 1099, 1698, 1849, 2592, 2764
 SCURVY: 2561
 SEA URCHINS: 349, 2722, 4338, 4914
 SEASONS: 79, 242, 464, 669, 759, 1031, 1248, 1520, 1668, 1893-1894, 1707, 1750, 1926, 1978-1977, 2152, 2196, 2280, 2545, 2658-2659, 2952, 3246, 3277, 3279, 3409, 3469, 3482, 3502, 3556, 3667, 3685,

3729, 3761, 3805, 3831, 4103, 4197, 4492, 4560, 4563, 4681, 4794, 4876, 4884, 4908
 SEAWATER: 1180, 1926
 SEBACEOUS GLANDS: 261, 1060, 1575, 3424, 4373
 SEBORRHEA: 1666, 3750
 SECRETIN: 147, 377, 2500, 2515, 2850, 3195, 3510, 4211, 4988
 SECRETORY RATE: 144, 205, 232, 259, 291, 412, 471, 533, 550, 587, 674, 706, 1011, 1016, 1108, 1178, 1622, 1721, 1747, 2392-2393, 2457, 3116, 3215, 3507, 3651, 3760, 3860, 3869, 4005, 4507, 4528, 4561, 4868, 5042
 SEEDS: 4808
 SELECTION (GENETICS): 1183, 2597, 2746, 3263, 3386, 3637-3638, 3985, 4560
 SELENIUM: 742, 778, 3557, 4277, 4670, 4974
 SELF CONCEPT: 3607
 SELF MUTILATION: 2297
 SELF STIMULATION: 264, 656, 795, 1504, 1792, 2848, 3158, 3946, 4159, 4518
 SELLA TURCICA: 381, 571, 630, 785, 2565, 4910
 SEMEN: 1082, 1278, 1426, 1659, 1698, 1729, 1799, 2888, 2952, 3153-3154, 3215, 3254, 3263, 4119, 4799, 4953
 SEMICIRCULAR CANALS: 92, 2298
 SEMILUNAR CARTILAGES: 4329
 SEMINAL VESICLES: 63, 256, 458-459, 559, 825, 1007, 1060-1061, 1132, 1497, 1748, 1981, 2061, 2219, 2592, 2875, 2739, 2868, 2914, 3063, 3123, 3281, 3415, 3423, 3426, 3476, 3939, 4384, 4399, 4492, 4910, 4974
 SENDAI VIRUS: 1419, 3335
 SENEGAL: 1224, 2034
 SENSATION: 121, 1845
 SENSORY DEPRIVATION: 3246
 SEPTAL NUCLEI: 1545, 4867, 4892
 SEPTICEMIA: 332, 1022, 1049, 1378, 2183, 4162, 4646
 SEPTUM PELLUCIDUM: 264, 408, 657, 1545, 2212, 2649, 2672, 3233, 3300, 3424, 3923, 3927, 4010, 4518, 4690
 SERINE: 192, 833, 1394, 1583, 1687, 2548, 2737, 3079-3080, 3897, 4574
 SERINE DEHYDRATASE: 4052, 4589-4590
 SERODIAGNOSIS: 239, 1043, 1170
 SEROTHERAPY: 3390
 SEROTONIN: 6, 17-18, 24, 36, 39, 98, 120, 152, 176, 178, 220, 271-272, 287, 296, 303, 377-378, 380, 476, 479, 525, 552, 587, 599, 623, 745-746, 796, 844, 864, 900, 940, 1052, 1100, 1124, 1153, 1158, 1168, 1184, 1221, 1240, 1243, 1249, 1306, 1311, 1376, 1418, 1509, 1539, 1559-1560, 1569, 1574, 1583, 1593, 1611, 1626, 1648, 1656, 1660, 1672, 1688, 1699, 1725, 1747, 1758, 1816, 1874, 1894, 1906, 1922, 1939, 1980, 1989, 2056, 2067, 2072, 2078, 2087, 2128, 2140, 2150, 2154, 2165, 2198, 2215, 2288, 2305, 2333-2334, 2349, 2388, 2408, 2417, 2431, 2482, 2470, 2484, 2488, 2494, 2509, 2534, 2539, 2633, 2639, 2652, 2656, 2673-2674, 2705, 2717, 2727, 2763, 2771, 2779, 2782, 2790, 2792, 2848, 2885, 2895, 2931, 2945, 2983, 3009, 3014, 3075, 3086, 3121, 3185, 3228, 3278, 3297, 3302, 3358, 3360, 3404-3405, 3459, 3485, 3525, 3533-3534, 3555, 3573, 3609, 3643-3644, 3661, 3665, 3694, 3788, 3839, 3871, 3921, 3942, 4036, 4046, 4084, 4087, 4142, 4147, 4156, 4239, 4241, 4250, 4252, 4255, 4257, 4294, 4303-4304, 4331, 4342, 4361, 4363, 4430, 4436, 4540, 4552, 4566, 4585, 4622, 4627, 4635, 4668, 4677-4678, 4682, 4686, 4724, 4750, 4755, 4765, 4773, 4787, 4807, 4814, 4821, 4895, 4970, 4982, 4999
 SEROTYPING: 3603
 SEROUS MEMBRANE: 895, 2288, 4134
 SERRATIA: 3936
 SERRATIA MARCESCENS: 83, 2664
 SERTOLI CELL TUMOR: 1257, 3464, 3500
 SERTOLI CELLS: 238, 703, 1683, 3281, 4090, 4749, 4898, 4910, 4978
 SERUM ALBUMIN: 254, 299, 509, 605, 744, 848, 914, 1313, 1329, 1337-1338, 1669, 1996, 2041, 2110, 2112, 2259, 2405, 2907, 2990, 2996, 3104, 3507, 3600, 3608, 3641, 3760, 3924, 3960, 4099, 4786, 4809-4812, 4873
 SERUM ALBUMIN, BOVINE: 113, 154, 394, 467, 562, 683, 834, 1046, 1467, 1624, 1658, 1678, 1828, 1873, 1908, 1915, 1998, 2144, 2228, 2507, 2859, 2996, 3166, 3199, 3748, 3765, 3986, 4109, 4684, 4786, 5009

SUBJECT INDEX

SERUM ALBUMIN, RADIO-IODINATED: 254, 984, 2598, 3344, 3868, 4096, 4873
 SERUM GLOBULINS: 94-95, 1313, 1944, 2033, 2814, 3307, 3800, 3863, 3960-3961, 4804, 4810, 4812
 SERYLTRIHYDROXY BENZYLHYDRAZINE: 1311, 1456, 3220
 SESAME OIL: 1242, 2277, 3134, 3137, 3864
 SESAMOID BONES: 2395
 SESQUITERPENES: 35
 SEVIN: 754
 SEX: 46, 1445, 1860, 4850
 SEX BEHAVIOR: 26, 257, 594, 3108, 3469, 3607, 4288, 4580
 SEX BEHAVIOR, ANIMAL: 28, 465, 511, 772, 1103, 1123, 1148, 1242, 1576, 1601-1602, 1799, 1878, 2699, 2883, 3033, 3040, 3123, 3137, 3158, 3233, 3285, 3475-3476, 3569, 3607, 3823, 3849, 4029, 4261-4262, 4406, 4492, 4560
 SEX CHARACTERISTICS: 14, 568, 1189, 2353, 2390, 3607
 SEX CHROMATIN: 307, 904, 1107, 1900, 1951, 2390-2391, 2419, 2540, 2604, 3004, 3049, 3234, 3244, 3277, 3522, 3733, 3741, 4503, 4594
 SEX CHROMOSOME ABNORMALITIES: 307, 323, 336, 421, 456, 543, 649, 771, 945, 1183, 1253, 1349, 1498, 1750, 1832, 2281, 2402, 2421, 2574, 2794, 2832, 3004, 3065, 3282, 3386, 3389, 3684, 3812-3813, 4240, 4252, 4388, 4392, 4503, 4594, 4699, 4916, 4987, 5033
 SEX CHROMOSOMES: 63, 87-88, 123, 133, 179, 208, 307, 323, 375, 446, 457, 503, 543, 666, 828, 880, 892, 911, 916, 920, 1020, 1077, 1113, 1222, 1239, 1266-1267, 1402, 1413, 1464, 1487, 1470, 1480, 1498, 1506, 1543, 1557, 1647, 1713, 1786, 1800, 1830, 1860, 1900, 2130, 2148, 2162, 2187, 2299-2300, 2402, 2406, 2421, 2491, 2499, 2522, 2616, 2716, 2746, 2832, 2856, 2882, 3046, 3089, 3117, 3166, 3171, 3234, 3277, 3320, 3335, 3372, 3376, 3386, 3464, 3469, 3511, 3529, 3614, 3637-3638, 3778, 3793, 3803, 3893, 3895, 3963, 3985, 4024, 4037, 4072, 4125, 4145, 4168, 4170, 4193, 4222, 4282, 4297, 4379, 4388, 4392, 4397, 4439-4440, 4474, 4522, 4537, 4577, 4629, 4711, 4725, 4731, 4782, 4786, 4816, 4874, 4916, 4918, 4927, 4941, 4954, 4972-4973, 4983, 5004
 SEX DETERMINATION: 14, 133, 566, 585, 694, 1208, 1841, 2286, 2435, 2540, 3216, 3376, 4247
 SEX DIFFERENTIATION DISORDERS: 323, 336, 422, 594, 2386, 2390, 2574, 4580
 SEX DISORDERS: 78, 220, 594, 2582
 SEX EDUCATION: 1231, 4288, 4360
 SEX FACTORS: 62, 71, 95, 117, 203, 250, 290, 338, 341, 391, 407, 415, 464-465, 578, 584, 600, 606, 726, 758, 771, 813, 904, 920, 935, 1013, 1081, 1083, 1103, 1108, 1148, 1208, 1238, 1313, 1333, 1355, 1383, 1442, 1472, 1567-1568, 1575, 1657, 1666, 1739, 1786, 1798, 1937, 2023, 2069, 2129, 2265, 2363, 2398, 2449, 2466, 2476-2477, 2490, 2556, 2582, 2591, 2597, 2641, 2685, 2699, 2757, 2835, 2861, 2874, 2883, 2899, 2942, 2950, 2961, 3110, 3113, 3155, 3205, 3259, 3268, 3290, 3309, 3311, 3482, 3487, 3549, 3569, 3602, 3627, 3632, 3669, 3672, 3729, 3758, 3776, 3795, 3805, 3825, 3828, 3832, 3849, 3935, 3978, 4026-4027, 4059, 4120, 4132, 4145, 4406, 4419, 4522, 4629, 4674, 4699, 4722, 4784, 4788, 4831, 4885, 5028, 5039
 SEX HORMONES: 95, 213, 220, 465, 471, 796, 840, 955, 1207, 1210, 1333, 1368, 1471, 1735, 1940, 2147, 2243, 2306, 2487, 2583, 2902, 2950, 2961, 3426, 3460, 3487, 3672, 3784, 4219, 4471, 4656
 SEX RATIO: 1208, 1550, 1841, 2746, 3345, 3469
 SEX REVERSAL, GONADAL: 257, 336
 SHARKS: 1615, 4572, 4687
 SHEEHAN'S SYNDROME: 252, 867, 4195
 SHEEP: 91, 93, 99, 124, 202, 278, 299, 343, 358, 451, 467, 497, 547, 671, 687-688, 706, 709, 726, 888-889, 1011, 1094, 1172, 1228, 1299, 1301, 1309, 1328-1328, 1340, 1377, 1393, 1447, 1496, 1538, 1564, 1576, 1834, 1834, 1913, 1915, 1962, 1976-1977, 1981, 1984, 2041, 2053, 2167, 2170, 2224, 2250, 2316, 2362, 2366, 2525, 2658-2659, 2730, 2782, 2799, 2865, 2890, 2948, 2977, 3116, 3164, 3215, 3254, 3449, 3454, 3457, 3477, 3510, 3515, 3528, 3586, 3642, 3667, 3676, 3747, 3749, 3765, 3785, 3867, 4004, 4008, 4084, 4088, 4100, 4109, 4143, 4237, 4411, 4473, 4499, 4504, 4510, 4515, 4526, 4580, 4591, 4687, 4731, 4739, 4749, 4758, 5000, 5002-5003, 5006
 SHIGELLA DYSENTERIAE: 2966

SHIVERING: 3170
 SHOCK: 1294, 1605
 SHOCK, CARDIOGENIC: 109, 799, 2666, 2653
 SHOCK, ENDOTOXIC: 799, 2459, 3339, 4069, 4805
 SHOCK, HEMORRHAGIC: 799, 1030, 2509, 2943, 3055
 SHOCK, SURGICAL: 2044, 2280
 SHOCK THERAPY, ELECTRIC: 816, 1794, 2656, 4342
 SHOCK, TOXIC: 2183, 3271
 SHOCK, TRAUMATIC: 2518, 3521
 SHOULDER: 1122
 SHOULDER JOINT: 1484, 2177, 3797, 4329, 4336, 4544
 SHRIMP: 1343
 SHWARTZMAN PHENOMENON: 75
 SIALOGRAPHY: 4519-4520
 SIDEROSIS: 266
 SIGMOID NEOPLASMS: 664, 3816, 4723
 SILAGE: 2189
 SILICA: 164, 231, 667, 1938, 1988, 2084, 2937, 3926, 4666, 4938
 SILICON: 659, 1262, 1554, 2548
 SILICONE ELASTOMERS: 1618, 1620
 SILICONES: 108, 3550
 SILICOSIS: 2376
 SILK WORMS: 4744
 SILVER: 2253, 2618, 4481
 SILVER NITRATE: 3509, 4424
 SINO-ATRIAL NODE: 1393, 1776, 2137
 SINUSITIS: 3680
 SITOSTEROLS: 2654, 4669
 SJOGREN'S SYNDROME: 1759, 1827, 4431, 5014
 SKIN: 134, 303, 313, 323, 327, 435, 605, 684, 787, 803, 949, 1090, 1146, 1176, 1186, 1235, 1250-1251, 1341, 1417, 1575, 1577, 1784, 1837, 1878, 1895, 1900, 2041, 2155, 2264, 2269, 2423, 2584, 2636, 2740, 2768, 2781, 2819, 2830, 2832, 2896, 2941, 2977, 3040, 3046, 3056, 3088, 3143, 3280, 3303, 3422, 3425, 3575, 3631, 3648, 3656, 3676, 3688, 3749, 3901, 3919, 4096, 4133, 4221, 4418, 4873, 4739, 4790, 4869, 4873, 4927, 4980, 4986
 SKIN ABSORPTION: 76, 378, 1835, 2971, 4133, 4216
 SKIN DISEASES: 460, 616, 952, 1035, 1100, 1110, 1522, 1746, 2374, 2399, 2435, 2686, 2724, 2918, 3319, 3648, 3656, 3658, 3725, 3727, 3750, 3786, 3811, 3974, 4031, 4531, 4638, 4707, 4873, 4986, 5036
 SKIN DISEASES, INFECTIOUS: 2399, 5011
 SKIN MANIFESTATIONS: 787, 1040, 1522, 2938, 3521
 SKIN NEOPLASMS: 89, 1127, 1171, 1288, 1318, 1710, 1850, 1909, 2269, 2292, 2397, 2399, 2686, 2896, 3204, 4229
 SKIN TEMPERATURE: 4216
 SKIN TESTS: 409, 427, 450, 1010, 1186, 1626, 2155, 2896, 2984, 3184, 3251, 3916, 4563, 4768
 SKIN ULCER: 2896, 3704
 SKIN WINDOW TECHNIC: 3575
 SKINFOLD THICKNESS: 499
 SKULL: 391, 430, 571, 640, 662, 938, 1151, 1584, 1780, 2098, 2153, 2298, 2565, 2684, 2772, 2889, 3021-3022, 3387, 3821, 4865, 4904
 SKULL FRACTURES: 4789
 SKULL NEOPLASMS: 122, 1284, 1893, 2715
 SLEEP: 153, 397, 488, 812, 1368, 1541, 2174, 2457, 3075, 3121, 3416, 3819, 4142, 4203, 4266, 4682, 4804, 4895
 SLEEP DEPRIVATION: 4709, 4804
 SLEEP DISORDERS: 3544
 SLEEP, REM: 993, 2457, 3075, 4142, 4709, 4804
 SLEEP STAGES: 4142, 4331, 4709, 4804
 SMELL: 1307, 2586, 3433, 3953, 4408
 SMOKING: 484, 1304, 1495, 2862, 3024, 3067, 3179, 3322, 3673, 4841
 SNAILS: 240, 447, 1026, 2423, 2955, 3405, 3481, 3996
 SNAKE BITES: 676
 SNAKES: 759, 962, 1592, 1683, 1953, 2474, 2669, 3950, 4110, 4907-4908
 SOCIAL BEHAVIOR: 606, 1103, 1878, 3108, 3667, 4406
 SOCIAL CLASS: 2682, 3467, 4911
 SOCIAL DOMINANCE: 1062, 3246, 3467
 SOCIAL ENVIRONMENT: 3616
 SOCIAL ISOLATION: 176, 496, 1210, 2417, 3616, 4436
 SOCIAL VALUES: 26
 SOCIETIES, MEDICAL: 5027

SOCIETIES, SCIENTIFIC: 1736, 4322
 SOCIOECONOMIC FACTORS: 663, 1086, 1292, 2682, 3173, 3577, 3673, 4164
 SOCIOPATHIC PERSONALITY: 4072
 SODIUM: 8-9, 59, 98, 108, 131-132, 136, 158, 285, 327, 411, 423, 432, 469, 690, 708, 721, 781, 790, 807, 851, 861, 882, 917, 926, 1014, 1057, 1155, 1161-1162, 1198, 1241, 1261-1262, 1270, 1274, 1281, 1301, 1303, 1313, 1356, 1392, 1449, 1451, 1474, 1505, 1556, 1615, 1620, 1647, 1700, 1712, 1721, 1755, 1772, 1789, 1803, 1811, 1826, 1877, 1916, 1936, 1978, 2054, 2082, 2116, 2122-2123, 2134, 2184, 2199, 2207, 2264, 2283, 2342, 2355, 2372, 2404, 2439, 2461, 2515, 2559, 2602, 2605, 2612, 2656, 2678, 2704, 2729, 2741, 2775, 2836, 2955, 2990, 2997, 3019, 3041, 3043, 3093, 3164, 3259, 3310, 3337, 3347, 3378, 3461, 3470, 3481, 3483, 3507, 3545, 3629, 3676, 3681, 3705, 3718, 3756, 3776, 3791-3792, 3897, 3908, 3922, 3996, 4002, 4016, 4039, 4043, 4050-4051, 4067, 4081, 4083, 4095, 4105, 4162, 4238, 4255, 4308, 4356, 4413, 4418, 4484, 4502, 4520, 4523, 4533, 4548, 4582, 4586, 4605, 4747-4748, 4759, 4813, 4858, 4878, 4932, 5008
 SODIUM CHLORIDE: 192, 262, 312, 489, 512, 546, 839, 844, 928, 950, 973, 1055, 1264, 1452, 1474, 1481, 1886, 2195, 2378, 2439, 2569, 2741, 2787, 2802, 2880, 3041, 3142, 3380, 3526, 3602, 3624, 3629, 3681, 3705, 3684, 3669, 3923, 3954, 4095, 4136, 4176, 4191, 4289, 4540, 4548, 4646, 4713, 4775
 SODIUM DODECYL SULFATE: 171, 338, 368, 374, 434, 516, 601, 635, 1981, 2230, 2629, 2646, 2664, 3202, 3411, 3579, 4199
 SODIUM ETIDRONATE: 3910
 SODIUM ISOTOPES: 108, 721, 1392, 2184, 2264, 2559, 2808, 3678, 3681, 4162, 4502
 SODIUM SALICYLATE: 3897, 4595
 SOIL: 2905
 SOLUBILITY: 12, 315, 324, 343, 346, 372, 928, 1032, 1124, 1582, 1835, 2282, 2525, 2629, 2646, 3104, 3213, 3225, 3333, 3648, 4083, 4152, 4220, 4287, 4473, 4584, 4605, 4609, 4759, 4938
 SOLUTIONS: 443, 509, 922, 1000, 2008, 2385, 2473, 3536, 3650, 4424, 4472, 4649, 4681
 SOLVENTS: 76, 477, 885, 1554, 1688, 1897, 2114, 2207, 2553, 3060, 3665, 3842, 5008
 SOMATOMEDIN: 499-501, 1730, 2047, 2817-2818, 3690, 4218
 SOMATOSENSORY CORTEX: 212, 2239
 SOMATOTROPIN: 68, 107, 119, 207, 278-279, 340, 363, 386, 397, 488-489, 499, 550, 553, 560, 583, 627, 629, 636, 660, 696, 700, 709, 726, 755-756, 824, 847, 865, 943, 957-958, 995, 1005, 1044-1047, 1128, 1149, 1182, 1206, 1252, 1280, 1286, 1310, 1354, 1368, 1439, 1493, 1540-1541, 1562, 1585, 1613, 1615, 1621-1622, 1637, 1751-1754, 1807, 1821, 1852, 1880, 1913, 1928, 1983, 2009, 2023, 2047, 2101, 2131, 2143, 2160, 2174, 2180, 2202, 2255, 2369-2370, 2372, 2437, 2455, 2457, 2554, 2595, 2610, 2629, 2663, 2707, 2730, 2760, 2801, 2809, 2816-2818, 2890, 2892, 2928, 2931, 2981, 3093, 3131, 3136, 3175-3176, 3187, 3210, 3237, 3288, 3293, 3307, 3311, 3364, 3397, 3416, 3466, 3484, 3510, 3530, 3597-3598, 3604, 3615, 3627, 3647, 3676, 3689-3690, 3693, 3695, 3737, 3744, 3762, 3841, 3868, 3969, 3973, 4004, 4012, 4068, 4205, 4218, 4243, 4249-4250, 4291, 4334, 4348, 4400, 4473, 4487, 4519, 4526-4527, 4538, 4611, 4616, 4653, 4687, 4699, 4780, 4804, 4851, 4855, 4863, 4882, 5029, 5054
 SOMATOTROPIN RELEASING HORMONE: 68, 358, 912, 1622, 1677, 2030, 2202, 2365, 2817-2818, 3798, 4012, 5054
 SOMATOTYPES: 221
 SORBITOL: 186, 1654, 2436, 3405, 4069, 4827
 SOTALOL: 2500, 3659, 3882, 4610
 SOUTH AFRICA: 62, 4273, 4560
 SOY BEANS: 356, 730, 910, 1962, 2878, 2901
 SPACE FLIGHT: 2596, 3110, 4728
 SPASM: 1699, 2983, 3536, 3671, 4485
 SPATIAL BEHAVIOR: 1103
 SPECIAL LIST DENTAL: 184, 645, 1191, 1203, 4082
 SPECIAL LIST FOREIGN: 298, 698, 1472, 2862, 3013, 3455, 3539, 3783, 3804
 SPECIAL LIST NURSING: 594, 724, 2766-2767
 SPECIES SPECIFICITY: 18, 144, 305, 379, 402, 408, 501, 521, 527, 535, 544, 606, 658, 797, 830, 949, 971, 998, 1123, 1312, 1328, 1370, 1397, 1448

SUBJECT INDEX

- 1454, 1467, 1531, 1578, 1654, 1726, 1817, 1837, 1884, 1913, 1954, 2165, 2208, 2215, 2225, 2248, 2282-2284, 2295, 2314, 2442, 2552, 2606, 2664, 2719, 2799, 2812, 2885, 2869, 2921, 2991, 3034, 3132, 3155, 3160, 3202, 3329, 3403, 3457, 3502-3503, 3547, 3778, 3809, 3925, 3998, 4004, 4110, 4120, 4135, 4198, 4201, 4247, 4349, 4370, 4473, 4498, 4514, 4731, 4739, 4823, 4867, 4914, 4927, 4989, 5045
- SPECIMEN HANDLING: 188, 1036, 1041, 2865
- SPECTROMETRY, FLUORESCENCE: 18, 43, 152, 177, 272, 372, 425, 461, 527, 877, 784, 890, 933, 1174, 1194, 1240, 1276, 1434, 1443, 1672, 1725, 1784, 2087, 2128, 2154, 2165, 2192, 2208, 2225, 2290, 2303, 2349, 2504, 2533, 2732, 2816, 2964, 3225, 3400, 3414, 3841, 3863, 3892, 3763, 3871, 3921, 3924, 4299, 4363, 4453, 4476, 4827, 4800, 4883, 4893, 4920-4921, 5008
- SPECTROPHOTOMETRY: 98, 310, 343, 401, 416, 486, 518, 535, 544, 672, 877, 735, 834, 891, 931-932, 934-936, 1092, 1254, 1290, 1399, 1422, 1508, 1513, 1533, 1644, 1658, 1688, 1729, 1764, 1838, 1859, 1905, 1920, 1957, 2066, 2099, 2108, 2195, 2385, 2495, 2512, 2591, 2600, 2804, 2931, 2955, 3026, 3048, 3212, 3378, 3543, 3565, 3634, 3683, 3924, 3941, 4067, 4098, 4175, 4251, 4287, 4428, 4476, 4514, 4576, 4619, 4640, 4752, 4801, 4831
- SPECTROPHOTOMETRY, ATOMIC ABSORPTION: 43, 246, 412, 615, 781, 1174, 1772, 1815, 2808, 2901, 2955, 4234, 4247, 4251, 4864, 4938
- SPECTROPHOTOMETRY, INFRARED: 162, 414, 1431, 2420, 2454, 3239-3240, 3480, 3517, 4344, 4625, 4801, 4964
- SPECTROPHOTOMETRY, ULTRAVIOLET: 353, 359, 382, 467, 493, 521, 531, 609, 667, 778, 826, 832, 1124, 1168, 1196, 1369, 1380, 1399, 1405, 1422, 1431, 1434, 1508, 1613, 1644, 1646, 1658, 1788, 1815, 1817, 1884, 1897, 1905, 1913, 1915, 1918, 1957, 2003, 2028, 2030, 2066, 2076, 2108, 2207, 2322, 2554, 2846, 3060, 3104, 3144, 3195, 3332, 3363, 3457, 3517, 3664, 3732, 3841-3842, 3938, 4140, 4241, 4299, 4424, 4473, 4476, 4575, 4622, 4801, 4881, 4891, 4914, 4921
- SPECTRUM ANALYSIS: 535, 950, 1081, 1826, 3798, 4848
- SPECTRUM ANALYSIS, MASS: 534, 941, 1026, 1397, 1554, 1631, 1834, 1897, 1973-1974, 2144, 2158, 2454, 2615, 2769, 3062, 3105, 3200, 3239-3240, 3472, 3480, 3565, 4415, 4625, 4746, 4871, 4964
- SPEECH: 4313
- SPEECH DISORDERS: 1268, 2587, 2900, 3053, 3389
- SPERM CAPACITATION: 1041, 1454, 3171
- SPERMATIC CORD: 546
- SPERMATIC CORD TORSION: 1042, 1099, 2326, 2526, 2764, 4055
- SPERMATOGENESIS: 179, 238, 256, 459, 574, 699, 703, 951, 978, 1061, 1683, 1698, 1799-1800, 1830, 1860, 2060, 2503, 2592, 2645, 2733, 2757, 2819, 3215, 3254, 3281, 3393, 3407, 3462, 4270, 4382, 4441, 4492, 4799, 4898, 4908, 5037
- SPERMATOZOA: 78, 238, 351, 506-507, 682, 703, 827, 1239, 1402, 1441, 1659, 1883, 1698, 1717, 1729, 1799, 1830, 1860, 1991, 2148, 2219, 2845, 2739, 3089, 3153, 3393, 3409, 3778, 3983, 3985, 4000, 4090, 4119, 4170, 4397, 4504, 4601, 4731, 5010
- SPERMIDINE: 3363, 4436
- SPIRILLUM: 3363, 4436
- SPHENOID BONE: 785, 1284, 2595
- SPHENOID SINUS: 251, 2565
- SPHINGOLIPIDS: 4453
- SPHINGOMYELINS: 1868-1869, 2532, 4233, 4618
- SPIN LABELS: 1644
- SPINA BIFIDA: 2092, 3111
- SPINAL CORD: 263, 454, 838, 962, 1273, 1412, 1706, 2312, 3006, 3053, 3528, 3925, 4196, 4255, 4690, 4750, 4817, 4867, 4992-4993
- SPINAL CORD COMPRESSION: 838, 1467, 3891
- SPINAL CORD DISEASES: 263, 1971, 2128, 3891, 4706
- SPINAL CORD INJURIES: 2128, 4465
- SPINAL CORD NEOPLASMS: 838, 2874, 2972
- SPINAL DISEASES: 766, 3758, 3795
- SPINAL NEOPLASMS: 838, 1205, 2093, 3478, 3891
- SPINAL NERVE ROOTS: 1273, 2312, 4750, 4993
- SPINAL NERVES: 3533, 4209
- SPINAL OSTEOPHYTOSIS: 1330, 3369
- SPINAL PUNCTURE: 1501, 2446
- SPINE: 1532, 2498, 3113, 3758, 4705, 4797, 4904
- SPIRILLUM: 928
- SPIRO COMPOUNDS: 2934, 4207
- SPIROCHAETALES: 2834
- SPIROMETRY: 450, 842, 1856, 1921, 2239, 2926, 3012, 3712, 4563
- SPIRONOLACTONE: 198, 440, 523, 650, 675, 1055-1057, 1199, 1270, 1356, 1995, 2099, 2182, 2209, 3007, 3370, 3545, 3887, 3791, 4051, 4101, 4308, 4861, 4975
- SPLANCHNIC NERVES: 212, 1102, 1948, 3809
- SPLEEN: 60, 75, 84, 148, 328, 396, 400, 443, 505-507, 605, 725, 852, 946, 949, 983, 1024, 1137, 1217, 1238, 1273, 1316, 1577, 1583, 1673, 1738, 1784, 1895, 1948, 2027, 2040, 2061, 2316, 2488, 2494, 2817, 2851, 2890-2891, 2927, 3155, 3417-3418, 3422, 3456, 3565, 3599, 3831, 3897, 3794, 3919, 3940, 3992, 4096, 4196, 4201, 4340, 4459, 4496, 4673, 4877, 4980, 5049
- SPLENECTOMY: 243, 505, 806, 946, 1339, 1479, 1890, 2232, 2651, 2858
- SPLenic ARTERY: 809, 3342
- SPLenic DISEASES: 3342
- SPLenic NEOPLASMS: 1205, 2292, 2611
- SPLenic VEIN: 1282
- SPLENOMEGALY: 243, 946, 988, 1119, 1568, 1711, 2781, 3608, 4060, 4532
- SPONDYLITIS: 4544
- SPONDYLITIS, ANKYLOSING: 167-168, 766, 1759, 1827, 1879, 2788, 4019
- SPONDYLOLISTHESIS: 766
- SPORES: 4583
- SPORES, FUNGAL: 209, 3251, 4063
- SPORTS: 1220, 3108, 3729
- SPREADING CORTICAL DEPRESSION: 2169
- SPRUE: 268, 2887
- SPUTUM: 770, 3148, 3714
- SQUALENE: 855, 3472, 3566
- SQUID: 2165, 4476
- SQUIRRELS: 1246, 2153, 2373, 3556
- SRS-A: 1098, 2185, 3585
- STAINLESS STEEL: 133
- STAINS AND STAINING: 38, 216, 336, 374, 401, 457, 479, 485, 503, 539, 562, 650, 750, 868, 880, 890, 911, 916, 944, 968, 1137, 1157, 1196, 1207, 1221, 1234, 1275, 1287, 1347, 1430, 1639, 1724-1726, 1842, 2005, 2069, 2164, 2220, 2253, 2256, 2325, 2340, 2402, 2606, 2618, 2732, 2747, 2798, 2979, 3045, 3386, 3477, 3518, 3644, 3697, 3741, 3803, 3846, 4001, 4023, 4034, 4037, 4045, 4227, 4256, 4334, 4357, 4367, 4370, 4379, 4416, 4439-4440, 4481, 4503, 4537, 4616, 4725, 4745, 4762, 4927, 4941, 4972, 4977, 4991, 5004
- STANOLONE: 231, 305, 428, 834, 970, 1226, 1471, 1535-1536, 1542, 1756, 1883, 1908, 1937, 1944, 2097, 2147, 2277, 2377, 2791, 2844, 2973, 3060, 3159, 3165, 3286, 3326, 3428, 3444, 3475-3476, 3506, 3569, 3775, 3883, 4137, 4398, 4604, 5010
- STAPHYLOCOCCAL INFECTIONS: 670, 2886, 2814, 3917, 3974, 4187
- STAPHYLOCOCCUS: 199, 1024, 2354, 3998, 4289
- STARCH: 557, 2110, 2112, 4650
- STARTLE REACTION: 707, 1240
- STARVATION: 464, 836, 953, 1138, 1297, 1389, 1596, 1866, 2196, 2955, 3625, 3849, 4162, 4371, 4626
- STATISTICS: 154, 200, 203, 435, 792, 805, 949, 1051, 1544, 1612, 2101, 2336, 2363, 2530, 2630, 2861, 3345, 3489-3490, 3673, 3879, 4219
- STATOLIN: 69
- STEARIC ACID: 4739
- STEIN-LEVENTHAL SYNDROME: 1227, 2888, 3226, 4362
- STEREoisomers: 291, 389, 834, 855, 1026, 1344, 1767, 1880, 2072, 3240, 3566, 4241, 4491, 4761
- STEREOTAXIC TECHNIQS: 322, 606, 656, 830, 844, 860, 1058, 1269, 1327, 1684, 1763, 1801, 2096, 2297, 2672, 2674, 2869, 3027-3028, 3424, 3452, 3581, 3777, 3913, 3923, 4150, 4159, 4363, 4518, 4593, 4627, 4838
- STEREOTYPED BEHAVIOR: 860, 1917, 1975, 2349, 3053, 3946, 4992
- STERILITY: 1714, 3277, 4580
- STERILITY, FEMALE: 111, 129, 211, 439, 513, 639, 903, 1088, 1097, 1113, 1404, 1568, 1623, 1778, 2091, 2149, 2419, 2791, 2796, 2829, 3227, 3706, 4013, 4362, 4655
- STERILITY, MALE: 78, 179, 742, 822, 951, 978, 1082, 1991, 2061, 2421, 2845, 2969, 2986, 3154, 3265, 3281, 3628, 3721, 3983, 4310, 4579, 4749, 4799, 4910, 4978, 5010
- STERILIZATION, SEXUAL: 26
- STERILIZATION, TUBAL: 1778, 2755, 3173, 4288
- STERNUM: 1665, 2113
- STEROID HYDROXYLASES: 373, 1290, 1512-1513, 1740, 2303, 2631, 3007, 3098, 3775, 4760
- STEROIDS: 76, 389, 414, 431, 658, 840, 1179, 1203, 1568, 1697, 1789, 1813, 1938, 2037, 2524-2525, 2615, 2769, 2774, 2837, 3298, 3407, 3577, 3584, 3588, 3623, 3712, 3752, 3775, 4025, 4215, 4220, 4339, 4559, 4800, 4913
- STEROIDS, CHLORINATED: 753, 1531, 4020, 4497
- STEROIDS, FLUORINATED: 1835, 2099, 2658, 4191, 4497, 4803
- STIROLS: 305, 658, 1609, 1707, 1897, 2501, 4514
- STILBENES: 752, 1336, 2164, 3842, 5020
- STIMULATION, CHEMICAL: 56-57, 63, 103, 135, 158, 173, 185, 206, 240, 262, 282, 285, 377, 408, 411, 463, 505, 513, 520, 572, 599, 625, 626, 665, 678, 716, 796, 798, 844, 846, 849, 859, 884, 899, 927, 941, 996, 1012, 1158, 1196, 1207, 1209, 1242, 1249, 1264, 1274, 1328, 1343, 1366, 1400, 1421, 1555, 1558, 1570, 1599, 1603, 1611, 1643, 1648, 1700, 1755, 1776, 1789, 1796, 1852-1853, 1883, 1894, 1924, 1975, 1982, 2019, 2045, 2077, 2096, 2107, 2118, 2179, 2185, 2189-2190, 2192, 2230, 2249, 2251, 2294, 2312, 2431, 2443, 2476-2477, 2488, 2534, 2564, 2599, 2601, 2640, 2652, 2679, 2688, 2707-2708, 2710, 2718, 2738, 2750, 2753, 2824, 2843, 2883-2884, 2890, 2968, 2973, 3022, 3086, 3123, 3140, 3142, 3151, 3159, 3168, 3176, 3188, 3210, 3229, 3233, 3242, 3248, 3293, 3299, 3301, 3325, 3340, 3344, 3347, 3350, 3380, 3395-3396, 3423, 3491, 3530, 3564, 3627, 3655, 3689, 3693, 3708, 3723, 3728, 3810, 3843, 3858, 3864, 3869, 3872-3873, 3907-3908, 3939, 3951, 3987, 4004, 4013-4014, 4018, 4027, 4062, 4066, 4092, 4100, 4174, 4179, 4218, 4249, 4261-4262, 4294, 4304, 4335, 4338, 4354, 4444, 4465, 4508, 4526, 4611, 4635, 4639, 4643, 4653, 4682, 4693, 4703, 4733-4734, 4757, 4773, 4784, 4831, 4842, 4893, 4988, 5005-5006
- STOMACH: 209, 263, 674, 1282, 1651, 1726, 1823, 1836, 1903, 2056, 2288, 2430, 2542, 2737, 2850, 2960, 3224, 3395, 3417-3418, 3456, 3631, 3642, 3671, 3792, 3942, 4415, 4459, 4486, 4776, 4968
- STOMACH NEOPLASMS: 788, 800, 2319, 3003, 3090, 3101, 3204, 3534, 3816, 3852, 4776, 4806
- STOMACH ULCER: 587, 1140, 1262, 1415, 1823, 2347, 2520, 3124, 3224, 3436, 3730, 4451, 4507
- STOMATITIS: 2586, 3029
- STOMATITIS, APHTHOUS: 5011
- STRABISMUS: 2567
- STREPTOCOCCAL INFECTIONS: 1049, 2963, 3593, 5031
- STREPTOCOCCUS: 199, 2963, 4938
- STREPTOCOCCUS FAECALIS: 1437, 4289
- STREPTODORINASE AND STREPTOKINASE: 849
- STREPTOKINASE: 4069, 4457
- STREPTOLYSIN: 849
- STREPTOMYCIN: 1219, 1949, 2040, 2080, 2285, 3941, 4330, 4530, 4544
- STREPTONIGRIN: 3090
- STREPTOZOTOCIN: 147, 204, 1116, 3187, 3257, 3578, 3645, 4384
- STRESS: 68, 217, 473, 579, 581-582, 942, 1125, 1263, 1316, 1709, 1804, 1823, 1904, 2038, 2108, 2196, 2260, 2269, 2291, 2357, 2533, 2613, 2640, 2915-2916, 2939, 3075, 3155, 3181, 3224, 3261, 3263, 3485, 3692, 3929, 4212, 4269, 4677, 4721, 4795, 4968
- STRESS, MECHANICAL: 448, 624, 1309, 2073, 2229, 3632, 4188, 4333
- STRESS, PSYCHOLOGICAL: 78, 174, 447, 1715, 2291, 2836, 3086, 3685, 4665
- STRONTIUM: 282, 334, 635, 831, 4124, 4278, 4502
- STRONTIUM RADIOISOTOPES: 64, 334, 718, 1080, 1532, 1582, 3349, 4502
- STROPHANTHIN: 10, 3618, 3681
- STRUCTURE-ACTIVITY RELATIONSHIP: 18, 39, 124, 173, 349, 379, 459, 467, 516, 596, 784, 872, 1004, 1032, 1124, 1312, 1336, 1382, 1386, 1405, 1526, 1531, 1560, 1621, 1638, 1644, 1658, 1741, 1788-1789, 1834, 1880, 1898, 1908, 1958, 1981, 1984-1985, 2003, 2008, 2134, 2158, 2167, 2200, 2329, 2474, 2543, 2557, 2683, 2737, 2912, 3054, 3080, 3225, 3405, 3496, 3553, 3641, 3710, 3756, 3998, 4003, 4018, 4052, 4089, 4241, 4299, 4413,

SUBJECT INDEX

4468, 4497, 4606, 4618, 4697, 4711, 4761, 4895, 4921, 4974
 STRYCHNINE: 185, 2496
 STUDENT HEALTH SERVICES: 1731
 STUDENTS: 4072
 STYRENES: 3919
 SUBACUTE SCLEROSING PANENCEPHALITIS: 3435
 SUBARACHNOID HEMORRHAGE: 1358, 3253, 4789, 4982
 SUBCELLULAR FRACTIONS: 6, 77, 204, 223, 272, 426, 742, 915, 928, 1027, 1312, 1441, 1485, 1490, 1505, 1722, 1968, 2028, 2103, 2154, 2320, 2447, 2811, 2879-2880, 3026, 3222, 3411, 3470, 3732, 3843, 3873, 3950, 4246, 4255, 4287, 4521
 SUBLINGUAL STIMULATION: 4732
 SUBLINGUAL GLAND: 2069
 SUBMANDIBULAR GLAND: 725, 1273, 1721, 2069, 3351, 3872-3873, 3995, 4196, 4519-4520, 4599, 4673
 SUBSTANCE P: 1209
 SUBSTANTIA NIGRA: 776, 795, 1269, 1574, 3949, 4621, 4732
 SUBTRACTION TECHNIC: 2565
 SUCCINATE DEHYDROGENASE: 280, 296, 757, 1581, 1988, 2055, 2064, 2103, 3906, 4898
 SUCCINATES: 467, 544, 928, 1394, 1478, 1512, 1885, 1828, 1838, 1898, 1915, 3199, 3900, 4326, 4418, 4484, 4735, 4901
 SUCCINIMIDES: 2052
 SUCCINYLCHOLINE: 1861, 3161, 3650, 4958
 SUCKING BEHAVIOR: 3006
 SUCROSE: 108, 525, 557, 851, 1121, 1198, 1222, 1336, 1432, 1867, 2103, 2110-2112, 2849, 2728, 3821, 4230, 4482, 4518, 4548, 4644, 4924
 SUDAN: 3409, 4675
 SUDECK'S ATROPHY: 4019, 4997
 SUGAR ALCOHOLS: 1938
 SUICIDE: 331, 1090, 2125
 SULFADIAZINE: 3650
 SULFADIMETHOXINE: 1142
 SULFAMERAZINE: 3729
 SULFANILAMIDE: 3322
 SULFATASES: 447, 538, 857, 948, 1353, 2434, 3336, 3406
 SULFATES: 612-613, 721, 857, 901, 1244, 1336, 1768, 1828, 1974, 2314, 2691, 2955, 3406, 3428, 3580, 3737, 4808, 4842, 4845
 SULFATIDES: 4025
 SULFHYDRYL COMPOUNDS: 1324, 1533, 2488, 3774, 4098, 4299, 4933
 SULFHYDRYL REAGENTS: 1291, 1533, 2287, 2600, 3709, 4909
 SULFIDES: 673-674, 696, 1527, 2392-2393, 2420, 3078, 3517, 3650, 4868
 SULFINIC ACIDS: 4845
 SULFISOXAZOLE: 3650
 SULFITES: 1262, 2066, 2256, 2340, 2420, 3212
 SULFOBROMOPHTHALEIN: 2405, 2984
 SULFONAMIDES: 1479, 2568, 3082
 SULFONIC ACIDS: 77, 1174, 1336, 2164, 3863, 4601
 SULFONYLUREA COMPOUNDS: 1479, 2200
 SULFUR: 98, 711, 4343, 4463, 4760, 4845, 4877, 4974
 SULFUR RADIOISOTOPES: 98, 108, 324, 434, 444, 500-501, 549, 1336, 1403, 1505, 1889, 1898, 1973, 2002, 2017, 2172, 2474, 2691, 3408, 3483, 3560, 3737, 4025, 4127, 4412, 4603, 4845, 4933
 SULFURIC ACIDS: 447, 528, 711, 1898, 2314, 2420, 3119, 3287, 3336, 4111, 4127, 4591, 4845
 SULFURTRANSFERASES: 132, 3406
 SULFURIDE: 4524
 SUNLIGHT: 727, 843, 3729, 3831
 SUPERIOR COLLICULUS: 380, 2997, 3929, 4110
 SUPEROXIDE DISMUTASE: 4496, 4901
 SUPPOSITORIES: 3842, 4887
 SUPURATION: 3917, 4753
 SURAL NERVE: 2765, 4313
 SURFACE-ACTIVE AGENTS: 928, 1548, 1606, 2006, 2145, 2192, 2350, 2525, 3212-3213, 3333, 3491, 3579, 4287, 4521, 4569, 4761
 SURFACE PROPERTIES: 187, 1943, 4083, 4270
 SURFACE TENSION: 39
 SURGERY, OPERATIVE: 122, 1058, 1117, 1481, 1743, 1805, 1849, 1890, 2163, 2259, 3093, 3357, 3570, 4162, 4670, 4691
 SURGERY, PLASTIC: 1176, 1701, 2541, 3551
 SURGICAL INSTRUMENTS: 2361
 SURGICAL WOUND DEHISCENCE: 1701
 SURGICAL WOUND INFECTION: 1778, 4187

SURINAM: 4705
 SUSPENSIONS: 440, 1000, 1582, 1727, 1943, 2008
 SUTURE TECHNIQS: 383, 903, 990, 1701, 3373, 4126, 4785
 SUTURES: 3357, 4785
 SV40 VIRUS: 892, 1590, 4710
 SWEAT: 1241
 SWEAT GLANDS: 3809
 SWEATING: 3809
 SWEDEN: 62, 1302, 1717, 2325, 2682, 4638
 SWIMMING: 1204, 2213, 2404
 SWINE: 12, 110, 113, 282, 306, 470, 500-501, 527, 589, 800, 832-833, 845, 910, 1039, 1083, 1124, 1138-1139, 1172, 1194, 1245, 1301, 1346, 1380, 1382, 1468, 1654, 1659, 1728, 1729, 1958, 2005, 2036, 2284, 2386, 2447, 2496, 2506, 2551, 2598, 2800, 2814, 2819, 2706, 2774, 2811-2812, 2815-2916, 2941, 2993, 3149, 3160, 3195, 3238, 3338, 3395, 3403, 3449, 3508, 3523, 3588, 3646, 3747, 3787, 3821, 3843, 3998, 4018, 4029, 4064, 4070, 4076, 4140, 4183, 4247, 4301, 4390, 4409-4411, 4528, 4581, 4680, 4755, 4864
 SWINE DISEASES: 1083, 1654, 2915-2916, 3523
 SWITZERLAND: 1081
 SYMBIOTES: 1967
 SYMPATHETOMY: 542, 2352, 3459, 4363
 SYMPATHETIC NERVOUS SYSTEM: 32, 74, 396, 741, 1055, 1410, 1804, 1806, 1823, 1903, 2059, 2227, 2289-2290, 2610, 2714, 2853, 3231, 3419, 3535, 3653, 3809, 3880, 4102, 4160, 4185, 4196, 4408, 4685, 4771, 4789, 4981, 5007
 SYMPATHOLYTICS: 4593
 SYMPATHOMIMETICS: 842, 3000, 4303, 4610
 SYNAPSES: 287, 410, 1674, 2013, 2590, 3258, 4450
 SYNAPTIC MEMBRANES: 2010, 3256, 4628
 SYNAPTIC RECEPTORS: 3256
 SYNAPTIC VESICLES: 236, 1093, 2287, 2462, 2534, 3256, 3602, 3606, 4624, 5040
 SYNAPTOSES: 6, 478, 1936, 2067, 2195, 2320, 2388, 2504, 2779, 3736, 4255, 4606, 4619, 4624, 4813, 5040
 SYNDACTYLIA: 1375, 1832, 3389
 SYNDROME: 66, 92, 119, 122, 279, 376, 445, 563, 641, 649, 690, 794, 873, 1017, 1020, 1083, 1151, 1216, 1224, 1270, 1298, 1308, 1339, 1346, 1351, 1375, 1461, 1477, 1499, 1647, 1695, 1705, 1794, 1843, 1930-1931, 1970, 2298, 2394, 2435, 2499, 2644, 2689, 2711, 2822, 2870-2871, 2889, 2917, 2986, 3010, 3108, 3111, 3131, 3232, 3331, 3387, 3389, 3434, 3458, 3494, 3497, 3522, 3540, 3630, 3639, 3656, 3764, 3773, 3880, 4024, 4050, 4077, 4118, 4283, 4298, 4305, 4313, 4336, 4421-4422, 4457, 4536, 4614, 4653, 4712, 4715, 4742, 4780, 4852, 4858, 4924, 4978, 5025
 SYNOSTOSIS: 167, 168
 SYNOVIAL FLUID: 502, 1036, 1202, 2017, 2106, 3398, 4617, 5014
 SYNOVIAL MEMBRANE: 478, 573, 881, 1202, 2561, 5014, 5057
 SYNOVIOMA: 311, 841
 SYNOVITIS: 311, 478, 1484
 SYPHILIS: 3322
 SYRIA: 305

T

TABLETS: 67, 1617, 1996, 2667, 3842, 4471, 4759, 4915, 4923
 TABLETS, ENTERIC-COATED: 1793
 TABOO: 3467
 TACHYCARDIA: 3211, 3394, 4789
 TACHYCARDIA, PAROXYSMAL: 3967
 TACHYPHYLAXIS: 42, 377, 3700
 TAIL: 950, 1385, 1907, 3918, 4992
 TAIWAN: 4594
 TALUS: 3552
 TAMPONS: 504
 TANNINS: 343
 TARSAL BONES: 4399
 TARTRATES: 1250
 TASTE: 2138, 2586, 2649, 2911, 4198
 TASTE BUDS: 1593
 TAURINE: 3483, 4845
 TAUROCHOLIC ACID: 1033, 2515, 4453
 TEARS: 4431
 TECHNETIUM: 22, 64, 481, 605, 718, 743, 898, 1080, 2068, 2210, 2418, 3059, 3342, 4038, 4358, 4519, 4530, 4578, 4877
 TECHNOLOGY, RADIOLOGIC: 362, 1785, 2860, 4670, 4853

TEGMENTUM MESENCEPHALI: 1574, 2671, 4294
 TELANGIECTASIS: 2435, 4232, 4531
 TELECEPHALON: 229, 2309, 2727, 2779, 3158, 3448, 4572, 4667
 TELEVISION: 641
 TELLURIUM: 4974
 TEMPERATURE: 179, 184, 187, 334, 425, 469, 55, 585, 658, 685, 687, 697, 718, 728, 767, 837, 885, 1113, 1222, 1248, 1251, 1291, 1336, 1359, 1376, 1413, 1548, 1554, 1600, 1643, 1719, 1756, 1834, 1906, 1936, 1966, 1977, 1983, 2028, 2036, 2084, 2114, 2340, 2362, 2454, 2460, 2477, 2527, 2629, 2646, 2697, 2738, 2769, 2915, 2930, 2933, 2974, 3054, 3161, 3170, 3212-3213, 3327, 3405, 3556, 3614, 3708-3709, 3729, 3836, 3863, 3879, 3963, 3988, 4197, 4339, 4441, 4476, 4513-4514, 4634, 4735, 4749, 4794, 4909, 4920, 4993
 TEMPLATES: 172, 241, 2922, 3918, 4601, 4921
 TEMPORAL ARTERITIS: 1524, 2178, 2800, 4509, 4714
 TEMPORAL BONE: 122, 2235
 TEMPOROMANDIBULAR JOINT: 2394
 TENDINITIS: 1484
 TENDON TRANSFER: 4128
 TENDONS: 2, 1907, 3056, 4126
 TENDONS, PARA-ARTICULAR: 1036, 3561
 TERATOID TUMOR: 270, 946, 966, 1069, 1170, 1468, 1590, 1865, 2087, 2126, 2379, 2995, 3101, 3273, 3312, 3500, 3567, 3727, 3903, 4256, 4452, 4633, 4661, 4799
 TERBIUM: 177, 1194, 2959
 TERMINAL CARE: 1733
 TERPENES: 389, 1741, 4207
 TERRITORIALITY: 3424
 TESTICULAR DISEASES: 78, 379, 563, 742, 906, 1099, 1278, 1482, 2427, 2526, 3420, 4242, 4579
 TESTICULAR FEMINIZATION: 95, 237, 739, 2623, 3316
 TESTICULAR NEOPLASMS: 89, 230, 287, 270, 546, 788, 946, 1099, 1109, 1170, 1589-1590, 1798, 1833, 1849, 1865, 2319, 2379, 2464, 2740, 2913, 2995, 3101, 3162, 3193, 3273, 3281, 3500, 3727, 4302, 4420, 4452, 4478, 4633, 4661, 4799, 4835
 TESTIS: 13-14, 63, 118, 124, 148, 190-191, 195, 21, 228, 238, 254, 256, 267, 290, 297, 299, 328, 336, 348, 351, 401, 444, 458-459, 506-507, 559, 568, 597, 620, 628, 642, 667, 693, 716, 725, 739, 742, 750, 757, 759, 763, 813, 822, 825, 827, 840, 906, 967, 971, 1031, 1042, 1061, 1062-1063, 1114, 1137, 1234, 1278, 1333, 1338, 1347, 1383, 1424, 1426, 1430, 1441, 1497, 1565, 1573, 1583, 1683, 1693-1694, 1714, 1740, 1756, 1769, 1799-1800, 1811, 1830, 1895, 1955, 2036, 2040, 2060, 2097, 2124, 2167, 2219, 2228, 2280, 2304, 2317, 2322, 2325, 2335, 2353, 2386, 2412, 2421, 2455, 2490, 2503, 2505, 2592, 2599, 2645, 2670, 2675, 2707, 2733, 2740, 2764, 2774, 2914, 2925, 2957, 2977, 2986, 2995, 3007, 3040, 3097, 3108, 3123, 3143, 3168, 3215, 3246, 3251, 3254, 3251, 3356-3359, 3375, 3379, 3406, 3407, 3409, 3415, 3422-3423, 3428, 3462, 3506, 3519, 3549, 3628, 3631, 3669, 3697, 3747, 3771, 3775, 3835, 3939, 3957, 4000, 4015, 4055, 4059, 4111, 4117, 4129, 4160, 4193, 4197, 4202, 4242, 4248, 4257, 4261-4262, 4270, 4301, 4310, 4335, 4398-4399, 4441, 4459, 4462, 4492, 4496, 4601, 4635, 4658, 4697, 4699, 4708, 4729, 4749, 4754, 4788, 4799, 4817, 4831, 4849, 4876, 4898, 4908, 4910, 4967, 4969, 4978
 TESTOLACTONE: 4365
 TESTOSTERONE: 13-14, 63, 86, 94-95, 106, 195, 203, 222, 231, 237-238, 276, 290, 297, 305, 312, 348, 358, 363, 428, 458, 467, 480, 488, 511, 515, 559, 628, 654-655, 663, 700, 716, 752, 757, 773, 813, 825, 840, 857, 871, 885, 948, 970, 1008, 101, 1060, 1062-1063, 1082, 1108, 1125, 1132, 1226-1227, 1325, 1337-1338, 1383, 1426, 1442, 1459, 1471, 1483, 1495, 1536, 1542, 1573, 1575, 1606, 1652, 1693-1694, 1717, 1740, 1742, 1756, 1799, 1814, 1873, 1878, 1883, 1912, 1937, 1944, 1964, 2042-2043, 2048, 2058, 2065, 2097, 2124, 2147, 2173, 2208, 2277, 2280, 2341, 2353, 2377, 2438, 2455, 2466, 2476-2477, 2531, 2572, 2622, 2702, 2739-2740, 2747, 2757, 2774, 2781, 2883, 2950, 2973, 2987, 3007, 3030, 3040, 3060-3061, 3073, 3108, 3123, 3131, 3159, 3165, 3168, 3205, 3222, 3236, 3246, 3285-3286, 3301, 3327, 3329, 3386, 3393, 3407, 3423-3424, 3426, 3428, 3475-3476, 348, 3497, 3504-3506, 3667, 3669, 3672, 3703, 3835, 3863, 3883, 3890, 3936, 3939, 3957, 3966, 4015, 4094, 4119, 4152-4153, 4172, 4218, 4261-4262, 4316

SUBJECT INDEX

- 4335, 4384, 4398-4399, 4408, 4438, 4492, 4545, 4564, 4589, 4604, 4635, 4749, 4754, 4782, 4884, 4947, 4949, 4969, 5012, 5037
- TETANUS: 3082
- TETANUS TOXOID: 1467
- TETANY: 1015, 2313, 4386, 4955, 4960
- TETRABENAZINE: 978
- TETRACAINE: 292, 1643, 1727
- TETRACYCLINE: 1378, 1525, 1561, 1640, 2060, 2887, 2963, 3212-3213, 3855, 4207, 4367, 4823, 5001, 5011
- TETRAETHYLAMMONIUM COMPOUNDS: 3224
- TETRAHYDROCANNABINOL: 8, 285, 1312, 1629, 1894, 2910, 4266
- TETRAHYDROCORTISONE: 2908
- TETRAHYDROFOLATES: 1959
- TETRAHYMENA: 2217
- TETRALOXY OF FALLOT: 131
- TETRAZOLIUM SALTS: 3078, 3637, 4637, 4649
- TETRODOTOXIN: 377, 1721, 1778, 1922, 1960, 2504, 3996, 4209, 4958
- TEXAS: 1977
- TEXTILES: 133
- THAILAND: 4169
- THALAMIC NUCLEI: 631, 1545, 1676, 2239, 2671, 3528, 3630, 4108, 4682, 4732, 4892
- THALAMUS: 741, 776, 977, 1410, 1749, 1801, 2239, 2357, 2672, 3424, 3927, 3929, 3949, 4110, 4331, 4621, 4682, 4686, 4774, 4867
- THALASSEMIA: 1202, 2220
- THALIDOMIDE: 121, 3632, 4135
- THECA CELL TUMOR: 508, 2529
- THEOPHYLLINE: 17, 357, 366, 395, 409, 469, 660, 772, 856, 884, 941, 1024, 1085, 1157, 1163, 1206, 1264, 1274, 1291, 1371, 1395, 1660, 1829, 1837, 1972, 2019, 2104, 2135, 2271, 2348, 2352, 2488, 2500, 2562, 2787, 3055, 3058, 3088, 3185, 3190, 3192, 3257, 3264, 3267, 3411, 3501, 3578, 3582, 3687, 4021, 4039, 4052, 4062, 4065, 4354, 4371, 4528, 4562, 4734, 4858, 4869, 4872, 4933
- THERAPEUTICS: 3539
- THERMODYNAMICS: 192, 346, 1536, 1913, 3213
- THERMOGRAPHY: 651, 2632, 4319
- THERMOLUMINESCENT DOSIMETRY: 2905
- THERMOLYSIN: 2959, 4463
- THERMORECEPTORS: 1412
- THIAMINE: 1901, 2056, 2305, 3587
- THIAMINE PYROPHOSPHATE: 1901, 2902, 3616
- THIAZINES: 105, 3121, 4593
- THIAZOLES: 54, 1118
- THIGH: 610, 4984
- THINNESS: 3099
- THIOACETAMIDE: 3485
- THIOCARBAMATES: 2717, 4776
- THIOCYANATES: 54, 343, 509, 531, 534, 738, 755, 868, 928, 1067, 1336, 1419, 1518, 1719, 1884, 1908, 2051-2052, 2164, 2284, 2420, 2474, 2486, 2623, 2628, 2664, 2880, 3207, 3502-3503, 3648, 3998, 4287, 4316, 4328, 4463, 4472, 4618, 4636, 4643, 4752, 4776
- THIOGLYCOLATES: 3904
- THIOGUANINE: 47, 589, 1171, 1718, 3962
- THIOHYDANTOINS: 2002, 2035, 2486, 2547-2548, 2664, 3998, 4107
- THIONES: 2035
- THIOPENTAL: 3650, 4266
- THIOPHENES: 2147, 2334, 3661
- THIORIDAZINE: 816
- THIOSULFATES: 1646
- THIO-TEPA: 3898
- THIOURACIL: 750, 2158, 2980, 3474, 5032
- THIOUREA: 108, 149, 207, 232, 382, 673-674, 897, 1527, 1529, 1727, 1917, 2194, 2392-2393, 3132, 3212-3213, 3517, 4424, 4507, 4688
- THIRST: 262, 408, 657, 1138, 1546, 2923, 3172
- THONZONIUM: 922
- THORACIC ARTERIES: 3515
- THORACIC DUCT: 2877, 3537, 4172
- THORACIC INJURIES: 2102
- THORACIC NEOPLASMS: 2127
- THORACIC RADIOGRAPHY: 619, 640, 1235, 1495, 2188
- THORACIC VERTEBRAE: 74, 1298
- THORACOPLASTY: 990
- THORAX: 2044, 3847
- THROMBIN: 1687, 2548, 3079-3080
- THROMBELASTOGRAPHY: 3067, 4058
- THROMBIN: 605, 1247, 1376, 1465, 1559-1560, 1758, 1953, 2474, 2763, 4036, 4642
- THROMBOEMBOLISM: 155, 538, 1049, 4588, 4638, 4648, 5019
- THROMBOPENIA: 243-244, 808, 1142, 1479, 1743, 1865, 1970, 4380, 4642, 4764
- THROMBOPHLEBITIS: 104, 331-332, 1049, 1358, 1657, 1797, 1805, 2238, 4457, 4485
- THROMBOPLASTIN: 1720, 1870, 2315, 3999, 4252, 4317, 4764
- THROMBOSIS: 332, 623, 800, 1342, 1390, 1465, 1491, 1715, 2684, 3099, 3338, 3593, 4002, 4069, 4364, 4715
- THULIUM: 1194
- THUMB: 633, 2621, 4912
- THYMECTOMY: 684, 949, 1316, 2077, 2443, 2651, 2762, 3304
- THYMIDINE: 87-88, 443, 493, 609, 725, 848-849, 880, 958, 979, 1024, 1318, 1347, 1471, 1603, 1824, 1796, 1825, 1963, 2077, 2217, 2249, 2517, 2546, 2608, 2642, 2692-2693, 3208, 3289, 3313-3314, 3460, 3529, 3547, 3697, 3765, 3816, 3872-3873, 3906, 3947, 4015, 4251, 4297, 4340, 4378, 4437, 4439, 4529, 4537, 4550, 4607, 4673, 4930
- THYMIDINE KINASE: 245
- THYMINES: 3878
- THYMINES NUCLEOTIDES: 1291, 1851
- THYMOMA: 368, 619, 652, 918, 1934, 2126, 2443, 2601, 3232, 3773
- THYMOXAMINE: 2895
- THYMUS EXTRACTS: 273, 3876
- THYMUS GLAND: 60, 77, 108, 193, 273, 328, 443, 495, 878, 949, 1061, 1453, 1470, 1577, 1738, 1784, 1927, 2061, 2077, 2090, 2265, 2316, 2433, 2651, 2846, 2891, 2922, 2925, 3129, 3278, 3292, 3304, 3631, 3695, 3773, 3794, 3906, 3947, 4068, 4148, 4246, 4407, 4718, 4914, 5049
- THYMUS NEOPLASMS: 354, 368, 619, 652, 918, 2265, 2519, 2601, 3232, 3773
- THYROGLOBULIN: 72, 1329, 1369, 2120, 2543, 2609, 2793, 3052, 3104, 3499, 3514, 3612, 3827, 3845, 3924, 4080, 4157, 4454-4455, 4641, 4644-4645, 4768, 5015
- THYROID ANTAGONISTS: 16, 1072, 1580, 2194, 2354, 2385, 2523, 3036, 3503, 3915, 4610
- THYROID CRISIS: 390, 1436, 1847, 2189
- THYROID DISEASES: 78, 92, 128, 309, 317, 342, 491, 584, 641, 691, 749, 963, 1019, 1122, 1134, 1212, 1825, 1836, 1868, 2032, 2321, 2330, 2415, 2661, 2735, 3052, 3174, 3232, 3719-3720, 3723-3724, 3728, 3790, 3896, 3933, 4130, 4254, 4286, 4454-4455, 4679, 4689, 4929, 4971
- THYROID GLAND: 16, 22, 33-34, 112, 157, 180-181, 210, 249, 252, 282, 309, 352, 372, 392, 398, 426, 451, 463, 637, 644, 654, 661, 716, 743, 748-750, 758, 801, 845, 877, 902, 909, 963, 969, 981, 1010, 1012, 1015, 1033, 1043, 1059, 1065, 1152, 1155, 1167, 1181, 1212, 1228-1229, 1251, 1318, 1329, 1369, 1394, 1406, 1494, 1511, 1582, 1625, 1665, 1688, 1671, 1726, 1799, 1802, 1867-1869, 1892, 2026, 2034, 2040, 2082, 2125, 2151, 2161, 2194, 2268, 2275, 2291, 2351, 2418, 2429, 2455, 2532, 2543, 2546, 2609, 2668, 2735-2736, 2759, 2761, 2793, 2879-2880, 2884, 2886, 2899, 2905, 2974-2975, 2986, 3077, 3104, 3112, 3160, 3210, 3255, 3276, 3333, 3358-3359, 3499, 3505, 3509, 3512, 3560, 3612, 3631, 3745, 3759, 3770, 3773, 3779, 3808, 3817-3818, 3827, 3843, 3845, 3901, 3924, 3935, 3940, 3963, 4001, 4097, 4120, 4186, 4197, 4223, 4225, 4270, 4366, 4410, 4455, 4479, 4512, 4517, 4535, 4562, 4569, 4580, 4595, 4607, 4616, 4641, 4644, 4664, 4672, 4679-4680, 4691, 4721-4722, 4734, 4791-4792, 4815, 4846, 4881, 4907-4908, 4929, 4979, 5015, 5030, 5048
- THYROID GLAND FUNCTION TESTS: 252, 309, 358, 413, 491, 499, 637, 1134, 1212, 1228, 1562, 1594, 1858, 1987, 2199, 2267-2268, 2332, 2414, 2624, 2724, 2899, 3163, 3177, 3245, 3719, 3790, 3837, 3845, 3935, 3959-3960, 4218, 4455, 4589, 4809-4810, 4824-4825
- THYROID HORMONES: 157, 275, 560, 1038, 1155, 1267, 1403, 1625, 1793, 1802, 1812, 1958, 1997, 2039, 2137, 2196, 2233, 2450, 2523, 2609, 2673, 3076-3077, 3218, 3468, 3558, 3845, 4223, 4509, 4607, 4646, 4907-4908, 5038
- THYROID NEOPLASMS: 112, 216, 354, 626, 641, 677, 838, 1017, 1038, 1065, 1072, 1267, 1295, 1308, 1314, 1401, 1416, 1461, 1503, 1608, 1616, 1630, 1636, 1639, 1710, 1798, 1909, 2026, 2082-2083, 2100, 2171, 2181, 2210, 2275, 2320-2331, 2554, 2735-2736, 3174, 3204, 3296, 3314, 3319, 3479, 3603, 3772, 3933-3935, 3978, 4227, 4254, 4259, 4479, 4511, 4599, 4616, 4714, 4798, 4929, 4971, 4979, 5021
- THYROIDECTOMY: 180, 463, 530, 716, 756, 877, 909, 984, 1015, 1072, 1152, 1394, 1612, 1636, 1639, 1724, 1749, 1902, 2100, 2143, 2151, 2275, 2429, 2752, 2793, 2931, 2975, 3042, 3112, 3296, 3662, 3678, 3759, 3779, 3846, 3896, 3978, 4410, 4517, 4595, 4607, 4610, 4692, 4696, 4791-4792, 4825, 4960, 5032, 5046
- THYROIDITIS: 530, 1594, 1702, 1759, 2095, 2125, 2330, 2661, 2735, 3174, 3296, 3720, 3773, 4186, 4446, 4786, 4848, 5015, 5058
- THYROIDITIS, LYMPHOMATOUS: 60, 193, 1010, 2332, 2735, 2989, 3296, 3720, 3963, 4446, 4721
- THYRONINE: 359, 1385, 1640, 2158, 3104, 3558
- THYROTROPIN: 119, 180-181, 207, 210, 309, 355, 358, 366, 392, 398, 426, 442, 466, 755-756, 758, 1004-1005, 1046, 1164, 1206, 1212, 1329, 1354, 1511, 1523, 1585, 1594, 1621, 1630, 1732, 1963, 2009, 2101, 2161, 2294, 2340, 2414, 2455, 2465, 2500, 2609, 2624, 2640-2641, 2661, 2670, 2723, 2793, 2816, 2818, 2854, 2879-2880, 2884, 2890, 2988, 3000, 3077, 3131, 3149, 3223, 3293, 3311, 3333, 3382, 3471, 3600, 3616, 3625, 3693, 3719, 3723-3724, 3744, 3852, 3956, 3960, 3973, 3980, 4004, 4123, 4157, 4512, 4524, 4535, 4554-4555, 4562, 4616, 4644, 4680, 4764, 4824, 5015, 5030, 5038
- THYROTROPIN RELEASING HORMONE: 119, 180, 309, 355, 358, 442, 488, 555, 596, 660, 729, 909, 1001, 1164, 1206, 1212, 1345, 1594, 1621, 1880, 1942, 1964, 1975, 1999, 2038, 2196, 2224, 2294, 2350-2351, 2455, 2465, 2640, 2661, 2616, 2816, 2975, 3000, 3076-3077, 3149, 3163, 3266, 3293, 3311, 3600, 3624, 3693, 3723, 3956, 3973, 3980, 4012, 4123, 4157, 4553, 4738, 4764, 4824, 4886, 5038
- THYROXINE: 16, 22, 33-34, 68, 95, 180-181, 207, 224, 275, 284, 304, 309-310, 317, 366, 390, 535, 610, 661, 716, 756, 784, 801, 877, 891, 959, 969, 1006, 1019, 1022, 1133-1135, 1212, 1228-1229, 1329, 1395, 1578, 1617, 1625, 1868, 1847-1848, 1858, 1958, 1997, 2041, 2137, 2151, 2158, 2161, 2267-2268, 2293-2294, 2336, 2338, 2350-2351, 2411, 2512-2513, 2543, 2609, 2624, 2944, 2752, 2761, 2802, 2884, 2931, 2964, 2974, 2988, 2996, 3000, 3011, 3024, 3112, 3149, 3234, 3243, 3245, 3248, 3266, 3283, 3293, 3503, 3514, 3591, 3661, 3612, 3618, 3625, 3660, 3726, 3759, 3845, 3918, 3959-3961, 3973, 3980, 4032, 4049, 4101, 4157, 4366, 4375, 4517, 4526, 4554-4555, 4562, 4578, 4595, 4607, 4639, 4641, 4669, 4809-4812, 4824-4825, 4827, 4852, 4860, 4907-4908, 5006, 5015, 5030, 5038
- THYROXINE-BINDING PROTEIN: 181, 637, 969, 1625, 1847, 2033, 2041, 2761, 2859, 2988, 3618, 3960-3961, 4049, 4223, 4667, 4809-4812
- TIBIA: 30, 448, 726, 1296, 1330, 1791, 2073, 2683, 2802, 3216, 3264, 3334, 3746, 4126, 4389, 4526-4527, 4839
- TICKS: 3376
- TIETZE'S SYNDROME: 2113
- TIME FACTORS: 2, 6, 15, 18-19, 21, 25, 27-28, 37, 43, 48, 61, 63, 67, 70, 73, 75, 77, 80, 82, 97, 102, 109-110, 113, 131, 133, 135, 139, 142, 152, 158, 169, 179, 182, 190, 196, 204, 210, 217, 231, 235, 246-247, 249-250, 254, 260, 264, 281, 285, 291, 295-297, 301, 304, 316, 319, 324, 337, 345, 348, 353, 356, 366-367, 390, 392, 397, 400, 403, 419, 428, 431, 434, 439, 447, 461-463, 466, 470, 481, 493, 500-501, 505, 511, 524, 544-545, 548, 551-553, 561-562, 567, 572, 581, 584, 586-587, 590, 602, 604, 609, 615, 626, 631, 646, 657, 660, 667, 669, 672, 678, 680-681, 684, 687, 697, 704-705, 712, 731, 736-737, 754, 767-769, 775, 760-762, 784, 789, 792, 798-799, 808, 812, 819, 823, 827, 837, 839, 842, 846, 857-858, 860, 865, 875, 878, 902, 912, 919, 927, 931-932, 939, 942-943, 958, 965, 968, 979, 983-984, 986-987, 992, 997, 1018, 1042, 1044, 1051-1052, 1061, 1065, 1072, 1076, 1088, 1091-1092, 1097-1098, 1106, 1116, 1118, 1122, 1135, 1138, 1148, 1166, 1168, 1188, 1198, 1201, 1222, 1228-1229, 1231, 1239, 1242, 1248, 1250, 1269, 1273, 1276-1277, 1280, 1282, 1289, 1291, 1297, 1299, 1303, 1305, 1307, 1311-1312, 1315, 1320, 1324, 1332, 1336-1337, 1341, 1347, 1351-1352, 1354-1355, 1359, 1361, 1365, 1369-1370, 1376, 1386, 1392, 1394, 1399-1400, 1408, 1426-1429, 1432, 1435, 1437, 1439, 1446, 1448-1449, 1453, 1457, 1468, 1469, 1520, 1536, 1555, 1560, 1585-1587, 1596,

SUBJECT INDEX

- 1802, 1812, 1818, 1824, 1829, 1831, 1834, 1843, 1845, 1848, 1850, 1856-1858, 1867, 1870, 1872, 1884, 1887, 1890-1891, 1897, 1900, 1908, 1917, 1920, 1922, 1925, 1945, 1953, 1955, 1984, 1988, 1988, 1972-1973, 1780, 1789, 1804, 1815, 1817, 1820, 1825, 1839-1840, 1844, 1850-1853, 1855, 1859, 1865-1866, 1870, 1875, 1882, 1891, 1895-1896, 1917, 1933, 1944, 1950, 1955, 1960, 1962-1963, 1966, 1975, 1979, 1980, 1982, 2012, 2023, 2028, 2036, 2044, 2055, 2071, 2077-2078, 2081, 2084, 2093, 2099, 2105, 2108, 2117, 2127, 2131-2132, 2136, 2141, 2146, 2155, 2180, 2189, 2177, 2179, 2184, 2192, 2200
- 2203, 2213, 2231-2232, 2243, 2246, 2250, 2261-2262, 2270, 2276, 2289-2290, 2295, 2300, 2303, 2307, 2309, 2314, 2323, 2327, 2336-2337, 2342-2343, 2349, 2351-2352, 2355, 2358, 2360, 2372, 2375, 2387, 2394, 2399, 2401, 2404, 2406, 2416, 2428, 2441-2442, 2447, 2450-2452, 2471, 2475, 2477, 2485-2486, 2494-2495, 2504, 2512, 2514, 2527, 2530, 2533, 2535-2536, 2542, 2546-2548, 2550, 2558, 2569-2570, 2578, 2591, 2600, 2613, 2619, 2629, 2633, 2638-2641, 2646, 2650-2651, 2653, 2658-2659, 2674-2675, 2678-2679, 2681, 2690-2691, 2701, 2704, 2707, 2719-2720, 2723, 2732, 2737-2738, 2740, 2750-2751, 2753-2756, 2758, 2765, 2786, 2789, 2808, 2821, 2828, 2840, 2848, 2865, 2883-2884, 2897, 2907, 2910, 2913, 2921, 2923-2924, 2930, 2933, 2942, 2948-2950, 2967, 2969, 2973-2975, 2990, 2992, 2997, 3008, 3014, 3023, 3027, 3034, 3048, 3051, 3059, 3063-3064, 3069, 3073, 3075, 3088, 3090, 3112, 3116, 3121-3123, 3130, 3132, 3137, 3139-3140, 3149-3150, 3152, 3163, 3168-3170, 3178, 3199, 3201-3202, 3205, 3210, 3212, 3214, 3233, 3238, 3250-3251, 3254-3255, 3257, 3261, 3266, 3277, 3293, 3295, 3307-3309, 3311, 3314, 3317-3318, 3328, 3328-3329, 3331, 3336, 3344, 3361-3362, 3375, 3377, 3379, 3381, 3388, 3393, 3400-3401, 3405, 3408, 3416-3417, 3423, 3451, 3459, 3461, 3479, 3482, 3489, 3491, 3508, 3513, 3519, 3527, 3529-3530, 3542, 3554, 3556, 3564, 3568, 3574, 3579, 3582-3583, 3589, 3591, 3597, 3599-3600, 3619, 3624, 3627, 3634, 3643, 3645, 3651, 3655, 3676, 3681, 3687, 3689, 3694-3695, 3700, 3709, 3711, 3716, 3731-3732, 3736-3737, 3740, 3757, 3759, 3761, 3768-3769, 3771, 3792, 3805, 3807, 3810, 3818-3819, 3823, 3829, 3837, 3840, 3855-3856, 3860-3861, 3863-3864, 3868, 3872-3873, 3877, 3892, 3906-3908, 3916, 3919, 3928-3930, 3943-3944, 3946-3947, 3954, 3962, 3963, 3968, 3980, 3983, 3986-3988, 3997, 4003, 4005-4006, 4014, 4020-4021, 4028, 4030, 4035-4036, 4043, 4055-4056, 4062, 4065-4066, 4070-4071, 4082, 4091-4092, 4098, 4111-4112, 4114, 4122, 4124, 4127, 4136, 4138, 4139, 4141, 4147, 4187, 4170, 4172, 4175, 4178-4179, 4191-4192, 4196, 4201, 4208, 4221, 4224, 4235, 4243, 4251, 4261-4262, 4265-4266, 4271, 4290-4291, 4293, 4298, 4314, 4335, 4342, 4346, 4354, 4358, 4365-4366, 4371, 4377, 4383, 4398-4399, 4406, 4413, 4430, 4432, 4444, 4451, 4457, 4466, 4476, 4484, 4498, 4504-4505, 4511-4513, 4525-4527, 4529, 4539, 4547, 4565, 4571, 4575-4577, 4579, 4593, 4611, 4639, 4648, 4651, 4659, 4665, 4684-4685, 4687, 4690, 4693, 4696, 4700, 4704, 4709-4710, 4720, 4735, 4740, 4746, 4749, 4752-4753, 4756, 4759, 4769, 4782-4784, 4803-4804, 4813, 4815, 4827, 4834, 4838, 4845, 4851, 4856, 4868, 4873, 4876, 4881, 4887, 4893-4894, 4897, 4899, 4905, 4907, 4909, 4913, 4915, 4918, 4922, 4925, 4937, 4947-4951, 4961, 4975, 4985, 4988, 4996, 4999-5000, 5005-5006, 5008, 5020, 5039, 5042, 5057
- TINNITUS: 1865
- TISSUE ADHESIVES: 2235
- TISSUE CULTURE: 156, 161, 178, 739, 1085, 1295, 1489, 1507, 1604, 1622, 2204, 2224, 2296, 2452, 2503, 2505, 2537, 2697, 2775, 3008, 3058, 3351, 3363, 3529, 4013, 4094, 4235, 4284, 4355, 4415, 4462, 4635, 4741, 4894, 5040, 5044
- TISSUE DONORS: 2107, 2232, 3536, 4176
- TISSUE EXTRACTS: 357, 524, 939, 998, 1016, 1038, 1206, 1896, 1928, 2222, 2264, 2293, 2423, 2437, 2465, 2481, 2692-2693, 3157, 3181, 3267, 3278, 3400-3401, 3453, 3642, 3754, 4048, 4186, 4703, 4870, 5006
- TISSUE PRESERVATION: 868, 2471, 3536, 4789
- TISSUE SURVIVAL: 684, 2648, 4783
- TOADS: 980, 4110
- TOBACCO: 2282
- TOES: 633, 4865
- TOLBUTAMIDE: 110, 2200, 2285, 2500, 3364, 4445
- TOLONIUM CHLORIDE: 3848, 4067, 4312
- TOLUENE: 42, 1806, 1948
- TOLUIDINES: 4593
- TOMOGRAPHY: 2252, 2900, 3680
- TOMOGRAPHY, RADIOGRAPHIC: 92, 251, 279, 330, 362, 894, 1284, 1785, 2068, 2298, 2565, 2715, 3342, 4254
- TONGUE: 743, 1224, 1308, 1593, 3017, 3656, 4225, 4924
- TONGUE DISEASES: 3017, 4225
- TONGUE NEOPLASMS: 3017
- TONOMETRY: 251, 4671
- TONSIL: 3120
- TONSILLAR NEOPLASMS: 2541
- TONSILLECTOMY: 4888
- TONSILLITIS: 38, 5007
- TOOTH: 184, 820, 1420, 3737, 4482, 4720, 4985
- TOOTH ABNORMALITIES: 433, 3678
- TOOTH CALCIFICATION: 2777, 3678
- TOOTH DISCOLORATION: 3035
- TOOTH DISEASES: 2963
- TOOTH EXTRACTION: 4888, 4938
- TOOTH GERM: 3142, 3993
- TOOTH ROOT: 3557
- TORTICOLLIS: 2128
- TORTUROPIS: 54
- TOUCH: 1103
- TOXAPHENE: 1992
- TOXEMIA: 1035, 3271
- TOXIFERINE: 454
- TOXINS: 2185, 2204, 3585
- TOXOIDS: 1024
- TRACE ELEMENTS: 659, 2777, 3069, 4247, 4621, 4726
- TRACHEA: 444, 604, 2046, 2082, 3185, 3847, 3942, 4785
- TRACHEAL DISEASES: 92
- TRACHEAL STENOSIS: 4785
- TRACHEOTOMY: 4841
- TRANQUILIZING AGENTS: 19, 174, 796, 816, 1052, 1782, 1941, 2014, 2062, 2196, 2533, 2568, 3012, 3036, 3528, 3921, 4056, 4083, 4135, 4872
- TRANSCORTIN: 582, 2259, 2915, 3881, 4066, 4647, 4718, 5035
- TRANSCRIPTION, GENETIC: 87-88, 94, 101, 135, 172, 609, 791, 893, 1132, 1347, 1441, 1830, 2182, 2310, 2483, 2495, 3252, 3438, 4529, 4541, 4550, 4601, 4848, 4920-4921
- TRANSUCERS: 713, 982, 2878
- TRANSFERASES: 948, 2314, 2318, 3524, 4364, 4434
- TRANSFERRIN: 848, 914, 1689, 2851, 3069, 4932, 4989
- TRANSGUTOLASE: 2908
- TRANSLATION, GENETIC: 172, 609, 1113, 2495, 3056, 3252, 4529, 4541, 4848
- TRANSPLANTATION, AUTOLOGOUS: 306, 367, 990, 1653, 1724, 2155, 2471, 2611, 2636, 2664, 3058, 3507, 3642, 3749, 4008, 4987
- TRANSPLANTATION, HETEROLOGOUS: 184, 193, 306, 684, 4295
- TRANSPLANTATION, HOMOLOGOUS: 37, 65, 72, 248, 295, 429, 457, 804-805, 849, 858, 946, 949, 1013, 1127, 1246, 1341, 1445, 1470, 1577, 1652, 1784, 1813-1814, 1850, 1870, 1890, 2077, 2232, 2270, 2317, 2324, 2396, 2399, 2433, 2463, 2519, 2706, 2780, 2991-2992, 3008, 3094, 3139, 3146, 3182, 3171, 3536, 3554, 3583, 3600, 3633, 3737, 3749, 4126, 4176, 4187, 4256, 4549, 4565, 4616, 4629, 4652, 4706, 4729, 4783, 4899, 4973, 5031, 5051-5052
- TRANSPLANTATION IMMUNOLOGY: 849, 949, 1577, 1850, 2155, 2396, 2519, 3094, 3498
- TRANSPORT OF WOUNDED AND SICK: 3521
- TRANSPOSITION OF GREAT VESSELS: 4715
- TRANSVESTISM: 257, 329, 5023
- TRANSVESTISM: 5023
- TRANXYLYCPROMINE: 1311, 1980, 2165
- TREMATODA: 403, 971
- TREMATODE INFECTIONS: 403
- TREMOR: 945, 1975, 2128, 2932, 4214
- TREMORINE: 4203
- TRIAMCINOLONE: 695, 1561, 1596, 2177, 2760, 2851, 3001, 3551, 3786, 4575, 4640, 5011
- TRIAMCINOLONE ACETONIDE: 616, 1112, 2017, 3196, 3750, 3966, 4707, 4717, 4803, 5011
- TRIAMTERENE: 3687
- TRIATOMINAE: 953
- TRIAZINES: 49
- TRIAZOLONE: 1892
- TRIAZOLES: 1410
- TRICARBOXYLIC ACIDS: 1012
- TRICHINOSIS: 1221, 1971
- TRICHLOROACETIC ACID: 2284, 2668, 2697, 3906, 4644
- 2,4,5-TRICHLOROPHENOXYACETIC ACID: 4711
- TRICHOMONAS VAGINITIS: 1204, 1961
- TRICHOSTRONGYLOIDEA: 3654
- TRICHOSTRONGYLOIDIASIS: 3654
- TRICEMINAL NERVE: 1424
- TRIGLYCERIDES: 27, 71, 557, 697, 1128, 1342, 1683, 1812, 1996-1997, 2111, 2336, 2411, 2532, 2562, 2650, 2654, 2837, 3015, 3190, 3338, 3377, 3945, 4104, 4167, 4238, 4366, 4468, 4669, 4788
- TRIHENYPHENIDYL: 4858
- TRIIODOTHYRONINE: 16, 22, 34, 180, 223-224, 309, 561, 660, 947, 984, 1006, 1074, 1116, 1212, 1228-1229, 1329, 1394, 1511, 1580, 1617, 1625, 1640, 1808, 1847-1848, 1958, 1969, 2161, 2267-2268, 2388, 2415, 2450, 2455, 2624, 2681, 2824, 2859, 2988, 2996, 3104, 3243, 3283, 3463, 3558, 3625, 3959-3961, 3973, 3979-3980, 4032, 4123, 4157, 417, 4236, 4513, 4554, 4578, 4641, 4667, 4679, 4810, 4824-4825, 4907-4908, 5015, 5038
- TRIMETHAPHAN: 3167
- TRISOMY: 503, 880, 1095, 1349, 1822, 2406, 2889, 3471, 4023, 4193, 4313
- TRITERPENES: 1179
- TRITTIUM: 2, 12, 39, 73-74, 77, 86-88, 93-94, 97-98, 108, 113, 124, 159, 163-164, 169, 171-173, 204, 231, 285, 297, 305, 312, 315-316, 326, 338, 348-349, 353, 366, 372-373, 384, 393-394, 400, 416, 426, 443-444, 467, 469, 486, 493-494, 500-501, 53, 540, 545, 548, 559, 565, 602, 604, 609, 614, 635, 655, 667, 683, 705-706, 725, 730, 758, 782, 807, 822, 840, 848-849, 855, 880, 883, 893, 900-901, 906-909, 923, 948, 958, 979, 992, 994, 996, 1013, 1024, 1032-1033, 1063, 1132, 1157, 1180, 1184, 1188, 1196, 1226, 1244, 1255, 1290-1291, 1318, 1333, 1337, 1343, 1347, 1369, 1374, 1383, 1414, 1423, 1432, 1441, 1443, 1448, 1471, 1483, 1485, 1490, 1507, 1512-1513, 1520-1521, 1535-1538, 1542, 1555, 1596, 1599, 1603, 1618, 1656, 1669, 1707, 1722, 1740, 1756, 1796, 1806, 1825, 1828, 1834, 1851, 1880-1881, 1894, 1898, 1904, 1908, 1915, 1919, 1938, 1944, 1963, 1966, 1973-1974, 1978, 1980, 2027, 2077, 2084, 2134-2136, 2144, 2146, 2154, 2169, 2230, 2241, 2249-2250, 2259, 2271-2272, 2282, 2284, 2302, 2304, 2314, 2319, 2323, 2350, 2352-2353, 2358, 2398, 2412-2413, 2454, 2500, 251, 2517, 2525, 2527-2528, 2546, 2557, 2564, 2570, 2572, 2606, 2617, 2642, 2666, 2674, 2680, 2692-2693, 2697, 2719, 2733, 2736, 2745, 2748, 2779, 2802, 2879, 2890, 2915, 2920, 2922, 2933-2934, 2949, 2973, 3051, 3054, 3060-3061, 316, 3169, 3185, 3199, 3205, 3208, 3252, 3270, 3289, 3298, 3313-3314, 3326-3327, 3334, 3336, 3367-3368, 3404-3406, 3429, 3438, 3444, 3470, 3489, 3499, 3509, 3519, 3529, 3547-3548, 3554, 3564, 3566, 3571, 3574, 3579, 3585, 3599, 3649, 3663, 3667, 3672, 3697, 3703, 3708, 3732, 3748, 3756-3757, 3765, 3775, 3816, 3863, 3872-3873, 3878, 3895, 3906, 3918, 3925-3926, 3929-3930, 3944, 3947, 395, 3986, 3988, 4004, 4009, 4015, 4025, 4046, 4048, 4109, 4136-4137, 4148, 4162, 4172, 4174, 4178, 4183-4184, 4214, 4221, 4230, 4235, 4246, 4251, 4255, 4272, 4290, 4297, 4340, 4354, 4363, 4369, 4378, 4383, 4416, 4432, 4437, 4439, 4453, 4497, 4501, 4529, 4537, 4550, 4571, 4591, 4601, 4605-4606, 4633, 4673, 4684, 4695, 4724, 4733, 4741, 4750, 4777, 4857, 4870, 4903, 4906, 4909, 4921, 4925-4926, 4930, 4966, 4972, 5001, 5003
- TRITURUS: 4529, 4794
- TROMETHAMINE: 159, 1966
- TROPHOBLAST: 367, 2150, 2465, 2536-2537, 2789, 3094, 3865, 4127, 4922
- TROPHOBLASTIC TUMOR: 453, 2053, 3094, 372, 372
- TROPICAL CLIMATE: 4705
- TROPOMYOSIN: 2000-2001, 4936
- TRYPAN BLUE: 4034
- TRYPANOSOMIASIS, SOUTH AMERICAN: 105, 2301
- TRYPsin: 187, 338, 655, 833, 968, 1194, 1196, 1454, 1590, 1613, 1758, 1785, 1852, 1957, 1961, 2119, 2300, 2455, 2505, 2525, 2645, 2668, 2678, 2680, 2763, 2821, 2943, 3051, 3236, 3367, 3548, 3765, 3803, 3988, 4046, 4233, 4463, 4586, 4643, 4988
- TRYPsin INHIBITORS: 2678, 3236, 3714

SUBJECT INDEX

RYPTAMINES: 18, 287, 476, 1583, 2078, 2198, 2494, 3556, 3665, 4690
 RYPTOPHAN: 552, 1311, 1434, 1509, 1662, 1672, 2052, 2070, 2078, 2198, 2639, 2656, 2664, 2945, 3075, 3088, 3102, 3175, 3404-3405, 3534, 3641, 3694, 4331, 4342, 4637, 4900, 4919, 4963
 RYPTOPHAN HYDROXYLASE: 1980, 2673, 2797, 3075, 3404, 4241, 4425, 4690
 RYPTOPHAN OXYGENASE: 1434, 3242, 4919, 4963
 SETSE FLIES: 953, 1967
 UBE FEEDING: 839
 UBERCULIN: 443
 UBERCULIN TEST: 435-436, 1708, 2896, 2984
 UBERCULOMA: 2080, 2874, 4330, 4530
 UBERCULOSIS: 2984, 3976
 UBERCULOSIS, ENDOCRINE: 1708
 UBERCULOSIS, FEMALE GENITAL: 1396
 UBERCULOSIS, HEPATIC: 1708
 UBERCULOSIS IN CHILDHOOD: 3290, 5053
 UBERCULOSIS, LYMPH NODE: 2126
 UBERCULOSIS, MENINGEAL: 5053
 UBERCULOSIS, OCULAR: 3322
 UBERCULOSIS, OSTEOARTICULAR: 2565, 4862
 UBERCULOSIS, PLEURAL: 226
 UBERCULOSIS, PULMONARY: 435-436, 990, 1141, 1495, 1675, 4483, 4872
 UBERCULOSIS, RENAL: 4130
 UBERCULOSIS, UROGENITAL: 4655
 UBERCULOSIS VACCINES: 429, 435-436, 3290
 UBEROUS SCLEROSIS: 1101
 UBUCURARINE: 2496, 2568, 3492, 4376, 4958
 URKEY: 1292
 URKEYS: 263, 2282, 3263, 3388, 4491, 4504
 URNER'S SYNDROME: 66, 322, 376, 568, 578, 829, 1253, 1472, 2124, 2299, 2580, 2711, 3111, 3234, 3412, 4023, 4222, 4456, 4916, 4947
 URTLES: 501, 1232, 2669, 4110, 4440
 WINS: 1078, 3237
 YMPANOPLASTY: 122, 2235
 YPHOID: 3636
 YPHOID-PARATYPHOID VACCINES: 848
 YPIUS: 4381
 YRAMINE: 18, 476, 940, 1437, 1776, 2779, 3426, 3562, 3565, 4084, 4690, 4750, 4798, 4925
 YROSINE: 11, 832-833, 1981, 1993-1994, 2378, 2543-2544, 2639, 2679, 3086, 3499, 3564, 3599, 3612, 3709, 4207, 4299, 4342, 4540, 4630, 4659, 4750, 4756, 4907-4908
 YROSINE AMINOTRANSFERASE: 419, 609, 893, 1437, 2378, 2760, 4529, 4589-4590
 YROSINE DECARBOXYLASE: 1437
 YROSINE HYDROXYLASE: 11, 586, 1269, 1598, 1747, 1904, 1917, 1980, 2674, 2771, 2797, 2940, 3459, 4083, 4178-4179, 4750
 YROTHRIN: 2725

U

BIQUINONE: 1155, 2064, 2532, 3105
 ODER: 255, 299, 670, 2308, 3016, 3507, 3705, 4413, 4603, 5001
 DP GLUCURONOSYLTRANSFERASE: 692, 2525, 2694, 4643
 JANDA: 84, 2180, 2838
 LCER: 266, 4381
 LNA: 932-936, 1296, 2822
 LNAIR NERVE: 1166, 2785
 LTIMBRANCHIAL BODY: 314, 819, 2606, 3509
 LTRACENTRIFUGATION: 27, 204, 373, 648, 746, 915, 1188, 1369, 1490, 1548, 1905, 2003, 2103, 2195, 2282, 2591, 2646, 3368, 3499, 3612, 3732, 3943, 3924, 3950, 4080, 4140, 4199, 4287, 4328, 4529, 4622, 4652, 4857
 LTRAFILTRATION: 334, 526, 789, 1582, 2103, 2259, 2846, 3401, 3905, 4221
 LTRASONIC THERAPY: 4544
 LTRASONICS: 462, 710, 806, 1078, 1462, 1764, 2003, 2076, 2445, 2525, 2937, 3003, 3051, 3174, 3342, 3982, 4033, 4357, 4547, 4623, 4828, 4975
 LTRAVIOLET RAYS: 124, 609, 717, 803, 1892, 2035, 2136, 2208, 2486, 3576, 3831, 3842
 LTRAVIOLET THERAPY: 1288
 MBILICAL ARTERIES: 3866
 MBILICAL CORD: 600, 608, 668, 787, 815, 959, 1353, 2524, 3095, 3316, 3329, 3542, 4697
 MBILICAL HERNIA: 1224, 2326, 4924
 MBILICAL VEINS: 364, 366
 MCONSCIOUSNESS: 1847, 2643
 MCOUPLING AGENTS: 740, 1628

UNITED STATES: 1, 58, 383, 1079, 1081, 1211, 1391, 1573, 1614, 1872, 1941, 2315, 2561, 2596, 2662, 2676, 3063, 3179, 3230, 3345, 3536, 3657, 3690, 3875, 4194, 4728, 4837, 4989, 5027
 UNITED STATES FOOD AND DRUG ADMINISTRATION: 3063
 UNIVERSITIES: 1731
 URACIL: 2217, 3619
 URACIL NUCLEOTIDES: 159, 1291, 1520, 2495, 2922, 3619
 URANIUM: 2376
 URATE OXIDASE: 4521
 URBAN POPULATION: 1744, 3005, 4452
 UREA: 90, 170, 248, 874, 876, 1016, 1198, 1313, 1321, 1385, 1451, 1508, 1544, 1924, 2145, 2283, 2552, 2586, 2646, 2880, 3212-3213, 3370, 3461, 3600, 3621, 3662, 4051, 4199, 4385, 4788, 4883, 5011
 UREASE: 149
 UREMIA: 173, 175, 200, 532, 804-805, 1045, 1230, 1301, 1451, 2054, 2497, 2594, 2630, 2944, 3145, 3147, 3524, 3559, 4080, 4139, 4162, 4996
 URETER: 233, 1282, 2040, 4293, 4427, 4960
 URETERAL CALCULI: 3742
 URETERAL DISEASES: 3742, 4775
 URETERAL OBSTRUCTION: 4121, 4305
 URETHANE: 1629, 2671, 2991
 URETHRA: 967, 1725, 3701
 URETHRAL DISEASES: 952
 URETHRITIS: 1759
 URIC ACID: 141, 406, 464, 502, 882, 1136, 1202, 1313, 1451, 1887, 1996, 2497, 2625, 3147, 3685, 3855, 4071, 4298
 URICOSURIC AGENTS: 406, 1996
 URIDINE: 88, 159, 494, 602, 609, 849, 1188, 1343, 1347, 1441, 1448, 1507, 2693, 2697, 3207, 3252, 3367, 3438, 3513, 3574, 3619, 3918, 4004, 4178, 4548, 4607
 URIDINE DIPHOSPHATE SUGARS: 2525, 2645, 3064, 3619, 3827
 URINARY CALCULI: 2214, 2344, 3799
 URINARY CATHETERIZATION: 2211
 URINARY DIVERSION: 313
 URINARY FISTULA: 952
 URINARY INCONTINENCE: 4858
 URINARY TRACT: 41, 1761, 3002, 3389
 URINARY TRACT INFECTIONS: 858, 1078, 1335, 1793, 2344, 2852, 3706, 3742
 URINATION: 73, 290, 1244, 1637
 URINATION DISORDERS: 230, 1793, 2214, 2428, 3488
 URINE: 131, 188, 239, 528, 787, 1210, 1244, 1411, 1968, 2283, 2410, 2471, 2612, 2741, 2982, 3041, 3145, 3380, 3415, 3461, 3536, 4051, 4459, 4748, 4987, 5042
 UROCHORDATA: 827
 UROGENITAL NEOPLASMS: 1710
 UROGENITAL SYSTEM: 329, 2985, 3095, 4164
 UROGRAPHY: 330, 413, 1091, 1781, 1833, 1952, 1968, 2068, 2428, 2625, 2700, 3084, 3488, 3587, 3742, 4121, 4753, 4775
 UROLOGIC DISEASES: 41, 967, 1761, 4775
 URONIC ACIDS: 333, 4046
 UROPEPSIN: 2947, 3124
 URTICARIA: 1110, 1216, 3540
 USSR: 1450
 UTERINE DISEASES: 3543, 3587, 4655
 UTERINE HEMORRHAGE: 87, 1961, 2179, 2558, 4915
 UTERINE INERTIA: 3373, 3886
 UTERINE NEOPLASMS: 329, 754, 1266, 1396, 1480, 1552, 1597, 1797, 2088, 2245, 2292, 2315, 2831, 3204, 3567, 3706, 3887, 3982, 4022, 4094, 4256, 4325, 4652, 4655, 4723, 4830, 4976
 UTERINE RUPTURE: 1946, 3180
 UTERUS: 35, 45, 97, 99, 213-214, 247, 328, 336, 384, 592, 622, 634, 697, 687-688, 702, 705-706, 713, 730-731, 753, 903, 923, 1004, 1037, 1052, 1094, 1108, 1129, 1196, 1277, 1283, 1309, 1315, 1377, 1423, 1536-1537, 1564, 1602, 1632, 1669, 1685, 1692, 1720, 1796, 1883, 1946, 2079, 2132, 2136, 2142, 2179, 2189, 2193, 2230, 2238, 2249, 2276, 2302, 2311, 2391, 2398, 2413, 2438, 2460, 2473, 2475, 2608, 2619, 2683, 2693, 2783, 2808, 2898, 2948, 2985, 3078, 3095, 3100, 3153, 3180, 3290, 3301, 3336, 3355, 3373, 3432, 3622, 3631, 3642, 3749, 3760, 3789, 3825, 3867, 3899, 3944, 4008, 4137, 4204, 4240, 4272, 4299, 4314, 4349, 4432, 4495, 4497, 4500, 4504, 4515, 4580, 4612,

4652, 4655, 4673, 4701, 4733, 4741, 4746, 4815, 4830, 4870, 4879, 4887, 4946, 4976, 5005
 UVEA: 393, 2247
 UVEITIS: 154, 1827, 2247, 2588, 2788, 3639
 UVULA: 3632

V

VACCINATION: 3251
 VACCINE THERAPY: 2896
 VACCINIA: 2771
 VACCINIA VIRUS: 3207
 VAGINA: 221, 256, 296, 329, 393, 1283, 1961, 2105, 2277, 2391, 2502, 2658, 2791, 2985, 3049, 3078, 3134, 3153, 3301, 3366, 3401, 3807, 4022, 4173, 4200, 4268, 4314, 4580, 4673, 4822
 VAGINAL DISEASES: 2502
 VAGINAL NEOPLASMS: 329, 1552, 3063, 3580, 4976
 VAGINAL SMEARS: 67, 221, 283, 427, 904, 1118, 1257, 1428, 1577, 1714, 1771, 2105, 2315, 2438, 2641, 2791, 3134, 3140, 3227, 3233, 3401, 3414, 3642, 3849, 4022, 4106, 4173, 4275, 4362, 4580
 VAGINITIS: 1961
 VAGOTOMY: 1960, 2290, 3671
 VAGUS NERVE: 673-674, 1409, 1960, 2094, 2290, 4211, 4390
 VALERATES: 2636, 4680
 VALINE: 531, 4075, 4540, 4634
 VALINOMYCIN: 4634
 VALSALVA'S MANEUVER: 642, 4658
 VANILLIN: 4640
 VANILMANDELIC ACID: 1425, 1979, 2085, 2776, 2887, 3535, 4640, 4657
 VARIATION (GENETICS): 245, 531, 1464, 2130, 2597, 2746, 4434, 4766, 4954
 VARICOCELE: 78, 1383, 2757
 VARICOSE ULCER: 2686, 4457
 VARICOSE VEINS: 1664, 4457
 VAS DEFERENS: 506-507, 679, 757, 967, 1132, 1209, 1717, 1806, 2219, 2427, 2592, 2645, 2675, 2739, 3426, 4160, 4209, 4987
 VASCULAR DISEASES: 624, 767, 1474, 1715, 1759, 2566, 2693, 3639, 4031, 4057-4058, 4716, 5014
 VASCULAR HEADACHE: 975
 VASCULAR RESISTANCE: 810, 986, 1452, 2170, 2430, 2469, 2471, 2983, 3074, 3325, 3382, 4304, 4321, 4385, 4533, 4549, 4807
 VASECTOMY: 506-507, 1717, 2427, 3173, 4288
 VASOCONSTRICTOR AGENTS: 78, 1294, 1319, 1474, 1745, 1835, 1874, 3100, 3339, 4069, 4757, 4813
 VASODILATOR AGENTS: 409, 1319, 1745, 3024, 3036, 3100, 3179, 3211, 3882, 4069, 4939
 VASOMOTOR SYSTEM: 907, 950, 1100, 1409, 1528, 1770, 2768, 3189, 3253, 3274, 3536, 3967, 4939
 VASOPRESSIN: 59, 73, 115, 192, 240, 327, 332, 357, 370, 417, 504, 690, 806, 859, 885, 964, 1029-1030, 1046, 1196, 1206, 1261, 1270, 1319, 1368, 1380, 1392, 1562, 1637, 1690-1691, 1779, 1823, 1841, 2049, 2283, 2307, 2410, 2455, 2457-2458, 2515, 2554, 2683, 2741, 2753-2754, 2982, 3010, 3019, 3041, 3081, 3092, 3130-3131, 3172, 3181, 3195, 3224-3225, 3229, 3347, 3378, 3380, 3449, 3676, 3682, 3743-3744, 3756, 3792, 3855, 3859, 3907-3908, 3994, 4003, 4050-4051, 4076, 4093, 4162, 4213, 4276, 4351, 4381, 4546, 4597, 4702, 4793, 4840, 4939
 VASOTOCIN: 86, 1828, 2131, 3904, 3922
 VATER'S AMPULLA: 3951
 VECTORCARDIOGRAPHY: 3712
 VEGETABLES: 85, 3502-3503, 4808
 VEGETARIANISM: 943
 VEHICLES: 1373, 1485, 1835, 2277, 3137, 3168, 3212, 3491, 4887
 VEINS: 160, 205, 233, 1009, 1167, 1205, 1280, 1309, 1383, 1724, 2238, 2840, 3506, 4271, 4515, 4597, 4814
 VENA CAVA, INFERIOR: 99, 1890, 1979, 4081
 VENA CAVA, SUPERIOR: 800
 VENAE CAVAE: 156
 VENOMS: 982, 1592, 1953, 1998, 2474, 3950
 VENOUS PRESSURE: 2510, 2753, 2902, 4614
 VENTILATION-PERFUSION RATIO: 3074
 VENTRICULAR FIBRILLATION: 1960, 4866
 VENTRICULOGRAHY: 4086
 VERATRINE: 1922, 4423
 VERATRUM: 4214
 VERTEBRAL ARTERY: 975, 1409
 VERTEBRATE VIRUSES: 2296

SUBJECT INDEX

VERTEBRATES: 420
 VERTIGO: 3544
 VESICULOURETERAL REFLUX: 4305
 VESICULAR STOMATITIS VIRUS: 69, 3438
 VESTIBULAR APPARATUS: 92
 VESTIBULAR FUNCTION TESTS: 2900
 VESTIBULOPLASTY: 2864
 VETERINARY MEDICINE: 1041, 2614
 VIBRATION: 766
 VIBRIO: 4894
 VIBRIO COMMA: 2, 371, 401, 1024, 1085, 1517, 2204
 VINBLASTINE: 91, 104, 466, 635, 1157, 2017, 3312, 3736, 4030, 4302, 4793
 VINCRISTINE: 4, 23, 84, 89, 104, 142-143, 244, 369, 498, 569, 680, 689, 988, 1119, 1156, 1171, 1718, 2175, 2216, 2426, 3070, 3162, 3305, 3309, 3859, 3962, 4030, 4380, 4793, 4835, 4961
 VIRAL INTERFERENCE: 3272, 3438
 VIRAL PROTEINS: 601
 VIRAL VACCINES: 4719
 VIRILISM: 1162, 1623, 2888, 3108, 3296, 4660
 VIRULENCE: 852
 VIRUS CULTIVATION: 693, 2771, 2977
 VIRUS DISEASES: 693, 858, 1591, 2296, 3031, 5040
 VIRUS REPLICATION: 23, 1279, 1912, 2296, 2505, 3207, 3272, 3335, 3438, 3460, 4251
 VIRUSES: 2354
 VISCOSITY: 509, 710, 2229, 4987
 VISION: 2869, 2997
 VISION DISORDERS: 975, 1284, 1501, 2098, 2296, 3862
 VISION TESTS: 2530, 2917
 VISUAL ACUITY: 4125
 VISUAL CORTEX: 80, 380, 2431, 2997, 3050, 4010, 4159
 VISUAL FIELDS: 3856
 VISUAL PATHWAYS: 380, 654, 1775, 4867
 VITAL CAPACITY: 2926, 3712
 VITAMIN A: 444, 535, 537, 672, 1181, 1435, 2660, 2681-2682, 2946, 3829, 3879, 4206, 4656, 4719, 5011, 5041
 VITAMIN A DEFICIENCY: 444, 802, 1791, 3829, 4082, 4206
 VITAMIN B COMPLEX: 802, 1321, 2436, 3729
 VITAMIN B DEFICIENCY: 4082, 4590
 VITAMIN B 12: 537, 815, 1959, 2188, 5041
 VITAMIN B 12 DEFICIENCY: 268, 4806
 VITAMIN D: 144-145, 151, 161, 174-175, 315, 361, 462, 516, 533, 672, 727, 773, 793, 803-804, 861, 913, 1002-1003, 1649, 1661, 1707, 2313, 2337, 2355, 2479, 2497, 2661, 2777-2778, 2810, 2839, 2844, 3038, 3047, 3114, 3125, 3135, 3576, 3678, 3717, 3766, 3795-3796, 3800, 3822, 3833, 4079, 4183, 4264, 4306, 4632, 4719, 4791, 4998
 VITAMIN D DEFICIENCY: 145, 266, 462, 727, 803, 843, 861, 886, 913, 1003, 2749, 3319, 3698, 3717, 3779-3780, 3796, 4079, 4182, 4273, 4632, 4853

VITAMIN E: 379, 398, 458, 537, 2532, 2681, 3024, 4052, 4639, 4719
 VITAMIN E DEFICIENCY: 250, 379, 4052, 4639
 VITAMIN K: 802, 2643, 2681
 VITAMIN K DEFICIENCY: 2950
 VITAMINS: 185, 537, 910, 1941, 2681, 2902, 3650, 3788, 4105, 4661, 4800
 VITELLINE MEMBRANE: 554, 1682, 4028, 4127, 4256, 4652, 4832
 VITILIGO: 1470, 2724
 VITREOUS BODY: 154
 VOCAL CORD PARALYSIS: 1177, 3770, 3996, 4888
 VOCALIZATION, ANIMAL: 657, 977, 2672
 VOICE: 3002, 4780
 VOLITION: 962
 VOMITING: 268, 445, 622, 1501, 1987, 2179, 2526, 2558, 2643, 2688, 2772, 2819, 2828, 2904, 3183, 3635, 3862, 4095, 4748, 4806, 4887, 4994, 5018, 5035
 VON WILLEBRAND'S DISEASE: 2037, 2794, 4252
 VULVA: 585
 VULVAR NEOPLASMS: 3706, 4723
 VULVOVAGINITIS: 1204, 1961

W

WAARDENBURG'S SYNDROME: 1095, 1822
 WAKEFULNESS: 468, 1541, 3214, 3740, 4142, 4692, 4804
 WALES: 5019
 WARFARIN: 248, 800, 3426, 3650
 WARTS: 2399, 2686, 5011
 WATER: 59, 356, 443, 509, 781, 784, 885, 895, 961, 1066, 1161, 1198, 1261, 1301, 1359, 1411, 1474, 1656, 1828, 2116, 2231, 2355, 2562, 2612, 2729, 3041, 3043, 3212, 3461, 3476, 3716, 3792, 3929, 4051, 4176, 4333, 4466, 4856, 4965
 WATER DEPRIVATION: 582, 657, 976, 1270, 1476, 3172, 3452, 3953-3954, 4518, 4779
 WATER-ELECTROLYTE BALANCE: 73, 96, 675, 711, 1030, 1054, 1136, 1180, 1198-1199, 1274, 1395, 1474, 1562, 1700, 1746, 2355, 2404, 2568, 2729, 2960, 3041, 3043, 3047, 3310, 3378, 3570, 3629, 3705, 3712, 3776, 3792, 3969, 4276, 4280, 4605, 4709, 4734, 4747, 4779
 WATER MICROBIOLOGY: 1940
 WATER POLLUTION, CHEMICAL: 1181
 WATER POLLUTION, RADIOACTIVE: 2905
 WATER SUPPLY: 1181, 3118, 3716
 WATERHOUSE-FRIDERICHSEN SYNDROME: 3280
 WEANING: 589, 626, 1159, 1488, 3307, 3829
 WEATHER: 2545
 WEGENER'S GRANULOMATOSIS: 1827, 2324, 3639
 WEIGHTLESSNESS: 3110, 4726
 WERNER'S SYNDROME: 4564
 WERNICKE'S ENCEPHALOPATHY: 1153
 WEST INDIES: 843
 WHEAT: 2282, 2564, 2905, 3611

WHOLE BODY COUNTERS: 421, 1250-1251
 WING: 3614, 4816
 WOMEN: 3110
 WOOD: 133
 WOOL: 4560
 WORK: 2240
 WORLD HEALTH ORGANIZATION: 4833
 WOUND HEALING: 861, 1415, 1711, 1818, 2903, 3269, 3273, 3861, 4842, 4869
 WOUND INFECTION: 1850, 2903
 WOUNDS AND INJURIES: 1701, 2214, 2903, 3975, 4692
 WOUNDS, GUNSHOT: 3082
 WRIST: 3675, 4182
 WRIST JOINT: 1045, 3675

X

XANTHENES: 343, 1478, 4207, 4328, 4695
 XANTHINE OXIDASE: 141
 XANTHINES: 208, 1297, 2135, 2217, 4039
 XANTHOPHYLL: 4067
 XENON: 512
 XENOPUS: 136, 338, 349, 493, 2669, 3676, 3769, 3906, 3918, 4047-4048, 4550, 4933
 XEROSTOMIA: 2586
 X-RAY DIFFRACTION: 1190, 2000-2001, 2959, 2980, 4107, 4634, 4848
 XYLENE: 4593
 XYLOSE: 2828, 2887, 4751

Y

YEAST, DRIED: 1222
 YOHIMBINE: 3665
 YTTERBIUM: 1194
 YTTRIUM: 1194, 3013
 YTTRIUM ISOTOPES: 1058, 1907, 4882, 4938

Z

ZAMBIA: 2657
 ZINC: 460, 526, 615, 715, 742, 928, 1110, 1711, 1772, 2454, 2508, 2560, 2686, 2740, 2787, 2814, 2843, 2955, 3069, 3182, 3194, 3474, 3482, 3738, 3874, 3993, 4202, 4390, 4574, 4621, 4726, 4808
 ZINC ISOTOPES: 742, 2740, 4202, 4808
 ZINC OXIDE-EUGENOL CEMENT: 1203
 ZINC PHOSPHATE CEMENT: 1203
 ZOLLINGER-ELLISON SYNDROME: 147, 3603, 3987
 ZYMOSAN: 2019-2020

AUTHOR INDEX

A

AALFS RH: 4822
 AALTO M: 2
 AARON J: 3
 ABBASI K: 1729
 ABBREDERIS K: 4
 ABBRUZZESE AA: 5
 ABBUD E: 4578
 ABDALLA M: 2755
 ABDEL-LATIF AA: 6
 ABE K: 7
 ABE R: 253
 ABEL EL: 8
 ABELANET R: 277
 ABELEV GI: 1170
 ABERG H: 9
 ABESAMIS C: 3831
 ABINDER AA: 10, 2290
 ABITA JP: 11
 ABLASHI DV: 23
 ABOU-ISSA H: 12
 ABRAHAM GE: 612-613
 ABRAHAM R: 13, 1572, 2208
 ABRAHAM S: 3710, 4468
 ABRAHAM SF: 3164
 ABRAHOVICH DR: 14
 ABRAHOVICI A: 3845
 ABRAHMS RM: 687-688, 1692
 ABSAVA GI: 15
 ABU-YAGHI EN: 2156
 ABUID J: 16
 ACETO T JR: 258
 ACHAZI RK: 17
 ACHEE FM: 18
 ACKENHEIL M: 19
 ACKER KJ VAN: 1929
 ACOSTA AA: 20
 ACOSTA M: 2683, 4003
 ADA GL: 2316
 ADAIR RL: 1769
 ADAM W: 512
 ADAMOPOULOS DA: 21
 ADAMS A: 3335
 ADAMS C: 3510
 ADAMS DD: 22
 ADAMS DF: 1916
 ADAMS JT: 799
 ADAMS M: 1956, 4736, 4738
 ADAMS PC: 2734
 ADAMSON RH: 23
 ADAR R: 24
 ADECHY-BENKOEL L: 2529
 ADELMAN A: 3873
 ADELMAN RC: 3872-3873
 ADELSTEIN RS: 3411
 ADER R: 25
 ADEY EM: 26
 ADEY WR: 2169
 ADIKOFER F: 27
 ADKINS EK: 28
 ADLARD BP: 29
 ADLER WH: 1024
 ADLERCREUTZ H: 4949
 ADLKOFER F: 4824
 ADMIRAND WH: 1147
 ADOLFSSON S: 30
 AFONINA TD: 3572
 AFONSO S: 3882
 AGACHE P: 1522
 AGAEVA NKH: 31
 AGRAWAL MK: 32
 AGBATA A: 2427
 AGERBAEK H: 33-34
 AGIENKO VD: 2724
 AGOT H: 2732
 AGRAWAL SS: 35
 AGTE BS: 36
 AGUAYO D: 3006
 AGUS Z: 3718
 AHAMED PN: 1035
 AHLMEN J: 37
 AHMAD S: 2491
 AHMED A: 38
 AHNSSEN S: 323
 AHTEE L: 39
 AHUJA MM: 40, 2492
 AIDA M: 3961
 AIKAT BK: 41
 AIKEN JW: 42
 AIMAR C: 1445
 AISENBERG AC: 3305
 AITKEN JM: 43, 4234
 AIYER MS: 44
 AIZAWA Y: 45
 AIZMAN RI: 1282
 AJIKA K: 46
 AJLOUNI K: 47
 AKASHI A: 751
 AKERMAN KE: 48
 AKEYAMA N: 49
 AKGUN S: 50
 AKHTAR M: 3854
 AKIMOTO T: 4435
 AKSEL S: 51, 2149
 AKSOY M: 52
 ALABASTER VA: 900
 ALAGHBAND-ZADEH J: 53, 392
 ALAIMO RJ: 54
 ALAIS C: 1670
 ALAM M: 3355
 ALATAS H: 55
 ALBANO JD: 56-57
 ALBERT A: 58
 ALBERT D: 1865
 ALBERT DJ: 4358
 ALBERT WC: 59
 ALBERTO P: 1710
 ALBINI B: 60
 ALBRECHT ED: 2599
 ALBRECHT I: 1319
 ALBURN HE: 1631
 ALCOCK NW: 61
 ALEKSEEV IF: 4130
 ALEXANDER D: 4099
 ALEXANDER P: 2890
 ALEXANDER RW: 519
 ALEXANDER WD: 3560
 ALEXANDRU G: 4396
 ALEXITS K: 2182
 ALFORD FP: 709
 ALGOM D: 2342
 ALHAVA EM: 62
 ALHEID G: 3823
 ALIMZHANOV NK: 4307
 ALISON M: 63
 ALIUSHIN MT: 4216
 ALKER GJ JR: 64
 ALKIRE LT: 1861
 ALLANSMITH MR: 65
 ALLAWAY WH: 4806
 ALLEN DO: 3055
 ALLEN HD: 66
 ALLEN HH: 67
 ALLEN JP: 68
 ALLEN LB: 69
 ALLEN WE: 70
 ALLEN WM: 1083
 ALLING C: 71
 ALLISON AC: 72
 ALLISON ME: 73
 ALLISTON CW: 2916
 ALMEIDA PA: 2485
 ALMON RR: 74
 ALOE L: 1371
 ALOIA JF: 814
 ALRIC R: 2732
 AL'SHTEIN AD: 134
 ALTENBRUNN HJ: 2721
 ALTMAN R: 75
 ALTMAYER P: 76
 ALTUS RE: 881
 ALVAREZ I: 966
 AMANO D: 4637
 AMBANI LM: 553
 AMBELLAN E: 77
 AMBRUS G: 2507
 AMBRUS JL: 3067
 AMELAR RD: 78
 AMERY A: 1217
 AMEZUA L: 279
 AMIDI S: 79
 AMINOFF MJ: 4858
 AMIRAGOVA MG: 80-81
 AMMAR M: 1708
 AMOR B: 1519
 AMOSS M: 596
 AMOSS MS JR: 82
 AMRHEIN N: 1291
 AMSBAUGH DF: 83
 AMSEL S: 84
 AMY JJ: 3589
 ANAND CR: 85
 ANAND KUMAR TC: 86
 ANANIEV EV: 87-88
 ANDALORO VA JR: 89
 ANDERS D: 90
 ANDERSEN E: 91
 ANDERSEN PE: 92
 ANDERSON AB: 93
 ANDERSON BM: 1309
 ANDERSON CM: 2828
 ANDERSON DC: 84-95
 ANDERSON FB: 2598, 3355
 ANDERSON G: 2378
 ANDERSON GH: 3829
 ANDERSON J: 1990
 ANDERSON JM: 96
 ANDERSON JN: 97
 ANDERSON M: 2514
 ANDERSON P: 98
 ANDERSON RE: 2984
 ANDERSON SG: 99
 ANDERSON TJ: 100
 ANDERSON WB: 101
 ANDERSSON E: 102
 ANDERSSON KE: 103
 ANDERSSON L: 3903
 ANDERSSON RG: 2218
 ANDERSSON T: 104
 ANDING C: 3472
 ANDRADE LL: 3759
 ANDRADE SG: 105
 ANDRASHKO VV: 3889
 ANDRE CM: 106
 ANDREANI D: 107
 ANDREASEN PA: 108
 ANDREASEN PB: 109
 ANDREASSIAN B: 850
 ANDREEV A: 2390
 ANDREEV D: 110
 ANDREIS M: 2106
 ANDREOLI C: 111
 ANDREOLI M: 112, 3104
 ANDRESEN O: 113
 ANDREWS CJ: 114
 ANDREWS SS: 397
 ANDRIANOVA LA: 115
 ANDRIEN JM: 835
 ANE P: 251
 ANGARD E: 2570
 ANGHELOTTI T: 3522
 ANGHILERI LJ: 116
 ANGSUSINGHA K: 117
 ANNO K: 4111
 ANSARI MK: 118
 ANSELMO G: 3097
 ANTAKI A: 119
 ANTCAZAK J: 3901
 ANTELAVA NA: 3105
 ANTHONY M: 120
 ANTIA NH: 121
 ANTIC M: 3343
 ANTIPOV VN: 2484
 ANTIPOV VV: 4688
 ANTOLI-CANDELA F JR: 122
 ANTON-LAMPRECHT I: 123
 ANTONINI E: 885
 ANTONOFF RS: 124
 ANTTILA R: 125, 2556
 ANTUNES-MADEIRA MC: 2834
 ANTUNES-RODRIGUES J: 3923
 ANZANEL D: 126
 AOKI K: 127, 2051
 AOKI N: 128, 1683
 AONO T: 129
 AOYAGI T: 130, 4625
 APERIA A: 131
 APOSTOL S: 234
 APOSTOLOVSKI B: 1160
 APPLETON D: 63
 APPLETON DB: 132
 APRISON MH: 2779
 ARAGONES J: 133
 ARCE S: 193
 ARGIROVA RM: 134
 ARGUTINSKAYA SV: 135
 ARGYROS TG: 4336

AUTHOR INDEX

ARHEM P: 136
ARIKAWA H: 4772
ARIKUNI T: 137
ARIMURA A: 138-139, 872, 970, 3520, 4013, 4700
ARKHANGEL'SKAIA GV: 1068, 2026
ARKHANGEL'SKAIA NV: 1315
ARKHIPOVA LT: 140
ARKHIPOVA OV: 3290
ARKY RA: 3337, 3625
ARMATA J: 141-143
ARMBRECHT U: 27
ARMBRUSTER H: 295, 337, 3735, 4683-4685
ARMIJO JA: 1311
ARMSTRONG KJ: 2964
ARMSTRONG RS: 2090
ARMSTRONG WD: 3021-3022
ARNASON BG: 3351
ARNAUD CD: 144-146, 325-326, 527, 2139, 3666, 3784
ARNOLD A: 4303
ARNOLD J: 2896
ARNOLD L: 2538-2537
ARNOLD R: 147
ARNOLD WJ: 148, 4218
ARO A: 3288
ARON C: 3860
ARONSON AI: 349
ARONSON M: 149
ARORA RB: 35
ARREGUI A: 4255
ARRIETA F: 1846
ARROE M: 1716
ARTHUR LO: 1279
ARTHUR RJ: 3685
ARTURSON G: 150
ARTYCH J: 2578
ARYA SN: 151
ARZAC JP: 1585
ASANO H: 2877
ASANO T: 1863
ASANO Y: 152
ASCHOFF J: 153
ASHFORD JJ: 154
ASHMARIN IP: 3695
ASHMORE J: 3055
ASHTON BA: 1907
ASHURBEKOV TR: 4247
ASHWORTH MR: 780
ASKIENAZY S: 838
ASO T: 3366
ASOFSKY R: 83
ASQUITH P: 843
ASRIBEKOVA MK: 2058
ASSAILLY J: 714
ASSAN R: 4487
ASSOR D: 1909
ASTEDT B: 155-156, 2675
ASTIER H: 157
ASTORGA JIMENEZ R: 4116
ASTRUP J: 158
ASTVATSATRIAN EG: 212
ATAMANOVA TM: 1162
ATASSI B: 952
ATERMAN K: 2740
ATGER M: 3054
ATHERLY AG: 159
ATHERTON A: 160
ATKINS D: 181
ATKINS HL: 814
ATKINSON KF: 162
ATKINSON P: 1118
ATTALLAH AA: 163-164
ATTRAMADAL A: 3205
ATUK NO: 165
AUBERT ML: 166
AUDI-PARERA L: 3881
AUFDERMAUR M: 167-168
AULA P: 4725
AUNIS D: 169
AURBACH GD: 2284
AUSKOVA M: 170
AUSSEL C: 171, 4633
AUSTEN KF: 1098
AUSTIN S: 172
AVAGNINA P: 3098
AVANESOVA EG: 1241
AVIOLI LV: 173-175, 1722
AVIS HH: 176
AWAYA S: 3324
AXELROD D: 177

AXELROD J: 178, 985, 1046, 1922, 3927, 4179
AYLES GB: 179, 3983
EL-AZAB EA: 3409
AZARNOFF DL: 4759
AZIMI C: 997
AZIZI F: 180-181, 3625
AZNAR R: 182
AZNAR REIG A: 183
AZOULAI R: 184
AZUMA H: 185
AZZOLINI A: 3834

B

BAADER O: 186
BAAK JP: 468
BAAR S: 187
BABENKO GA: 188
BABOTT D: 89
BABSON SG: 189
BABUKHADIA VD: 190
BACCHUS H: 181
BACH D: 192
BACH JF: 193, 949
BACH MK: 194
BACHMANN GW: 2987
BADER C: 714
BADIU G: 633
BADONNEL MC: 1424
BADR FM: 195
BADRINAS F: 196
BAECHTOLD-FOWLER N: 577
BAENKLER HW: 197
BAETHKE R: 2197
BAETHMANN A: 198
BAETTIG K: 356
BAGADI HO: 199
BAGGIOLINI M: 525
BAGLIN A: 1256
BAGNI B: 1230
BAGON J: 200
BAGSHAW MA: 3465
BAHU RM: 201
BAIGELMAN W: 2294
BAILE CA: 202
BAILENGER J: 203
BAILEY PJ: 204
BAIRD DT: 205, 2043, 4008
BAJKO K: 4001
BAJUSZ E: 2729
BAKARDJIEV T: 2376
BAKAY L: 64
BAKER BI: 206-207
BAKER BS: 208
BAKER GB: 476
BAKER P: 268
BAKER PJ: 83
BAKER RD: 209
BAKER RJ: 4766
BAKHLE YS: 900
BAKKE JL: 210
BAKKEN AH: 211
BAKLAVADZHIAN OG: 212
BAKSHEEV NS: 213-214
BAKTEMIROV TA: 4274
BALACCO S: 245
BALAGURA S: 1763
BALAKLEEVSII AI: 3694
BALANDINA EK: 4328
BALAZ V: 215
BALAZOVA E: 215
BALAZS G: 216
BALAZS R: 3489-3490
BALD R: 3613
BALDE I: 1224
BALDET P: 3434
BALDWIN DM: 217
BALESTRERI R: 218-219
BALICEK P: 5004
BALLARD FJ: 4541
BALLAS S: 4547
BALLIVET J: 220
BALMER JA: 221
BALNAVE D: 222
BALOGH SC: 2536
BALSAM A: 223-224
BALTRUKIEWICZ Z: 225
BALTUS E: 493
BAN T: 137
BANERJEE SK: 226
BANERJEE T: 227
BANES D: 1617
BANK S: 232
BANKOV N: 3646
BANKOVA VV: 2908
BANNERT N: 1289
BANNIKOV GA: 228
BANNISTER LH: 229
BARABINO A: 2032, 3834
BARAJAS L: 4185, 4237
BARANOVSKAYA LI: 4972
BARAT AK: 3072
BARATH P: 902
BARBALIAS GA: 230
BARBARINO A: 3484
BARBER JM: 732
BARBERIA R: 231
BARBEZAT GO: 232
BARBOLINI G: 4579
BARBOSA E: 233
BARBUTA R: 234
BARCHAS JD: 782, 3075, 4678
BARCHUK VA: 2380
BARCLAY N: 235
BARDAKHCHTIAN EA: 236
BARDIN CW: 237, 3165
BARFIELD RJ: 606
BARHAM SS: 238, 540
BARIETY J: 3456
BARINOVA LI: 239
BARKER JL: 240
BARKER KL: 241
BARKER JORGENSEN C: 242
BARKHAN P: 243-244
BARLATI S: 245
BARLET JP: 1458
BARLING PM: 2284
BARLOW JJ: 4723
BARLTROP D: 246
BARMAN EI: 4702
BARNABEI O: 4582
BARNABI L: 247
BARNES AD: 248
BARNES EW: 249, 2042, 2048
BARNES MM: 250
BARNES R: 3621
BARNETT HD: 3417-3418
BARON F: 251
BARON J: 252
BARONDES SE: 2652
BARONE RM: 253
BAROWICZ T: 254-255
BARR AR: 256
BARR GA: 2982
BARR RF: 257
BARR WH: 258
BARRACLOUGH CA: 259
BARRANCO SC: 260, 540
BARRANCO VP: 261
BARRATT ES: 813
BARRECA T: 219, 1540-1541
BARRELET LF: 262
BARRON DH: 687-688
BARROS C: 1454
BARROW MV: 263
BARROWS GH: 2978
BARRY BW: 4913
BARRY FE: 264
BARRY H 3D: 265
BARRY M: 266
BARRY MM: 267
BARRY RE: 268
BARSUHN C: 2533
BARTAL AD: 269
BARTELS H: 270
BARTELS O: 2836
BARTENEVA LM: 1676
BARTHE PL: 4018
BARTHEL W: 271-272, 1559
BARTKE A: 195, 3939, 3957
BARWICK DD: 4530
BASCH RS: 273
BASHORE RA: 4237
BASIC I: 274
BASILE A: 322
BASS H: 275
BASS WB: 3917
BASSAS E: 276
BASSET F: 277
BASSETT JM: 278

AUTHOR INDEX

BASSIRI RM: 555
 BASSO A: 279
 BASSON R: 3911
 BASTEN JF: 913
 BASTERT G: 280
 BATCHELOR JR: 722
 BATES GW: 281
 BATES RF: 282
 BATTIFORA H: 201
 BAUD R: 1081
 BAUER D: 1358
 BAUER H: 283
 BAUER R: 284, 4237
 BAUKAL A: 1558
 BAULIEU EE: 3054
 BAUMAN K: 1571
 BAUMANN IR: 454
 BAUMANN K: 285
 BAUMGARDT BR: 286
 BAUMGARTEN HG: 287, 4690
 BAVIERA E: 1256
 BAVINA MV: 1500
 BAVISTER BD: 4944
 BAXTER RH: 288
 BAYARD F: 2595
 BAYLE JD: 473, 3375
 BAYLINK DJ: 4139
 BAZER FW: 1692
 BAZHAN NM: 289
 BEABOUT JW: 2139
 BEACH FA: 290
 BEALE RN: 291
 BEARDWELL CG: 690
 BEATON DB: 1954
 BEATRIZ M: 3251
 BEATTIE AD: 3119
 BEATTY WW: 4699
 BEAUCHAMP GK: 3830
 BEAUDOIN AR: 292
 BEAULIEU DM: 2327
 BECHAR G: 5001
 BECK JS: 293
 BECK LR: 453
 BECK W: 4353
 BECKER DV: 1072
 BECKER GL: 294
 BECKER H: 1354-1355, 1944
 BECKER JE: 609
 BECKER RA: 793
 BECKER RL: 166
 BECKERHOFF R: 295, 3735, 4685
 BECKMANN H: 19
 BECUS-LAURENTIU M: 296
 BEDI GS: 3242
 BEDIGIAN E: 2303
 BECHEY CV: 351
 BEGUE RJ: 297, 1028
 BEGUERY P: 3758
 BEGUIN F: 298
 BEH KJ: 299
 BEHRMAN SJ: 300
 BEIER HM: 301
 BEIL E: 302
 BEISSWENGER RJ: 1664
 BEJBLOVA O: 2363
 BEKEMEIER H: 303
 BELAICHE J: 690
 BELANGER R: 309
 BELAVADY B: 3713
 BELESIN DB: 304
 BELIAKOVA TI: 3617
 BELIKOV VG: 2385
 BELIS JA: 305
 BELITSKY P: 306
 BELITSKY R: 4788
 BELJAN JR: 1818
 BELL AG: 307
 BELL DS: 2297
 BELL RA: 308
 BELLABARBA D: 309
 BELLABARBA D: 310, 1329
 BELLASTELLA A: 937
 BELLET M: 311
 BELLINO FL: 312
 BELLOT SM: 4705
 BELMAN AB: 313, 4190
 BELO PS: 1455
 BELSARE DK: 314
 BELSEY R: 315
 BELSEY RE: 316

BELTON NR: 96
 BELTRAN M: 317, 1019
 BEM Z: 318
 BEN-ARI G: 2331
 BEN-TBASSAT M: 2342
 BEN-JONATHAN N: 319
 BENARD B: 1329
 BENASSAYAG C: 3329
 BENCSIK A: 320
 BENDER HG: 4826
 BENDER MB: 321
 BENDITT EP: 1608
 BENEDETTI A: 322
 BENEKE G: 1774
 BENES P: 4025
 BENETTI APROSIO P: 2577
 BENETTI ROSSI F: 2577
 BENGTSOON B: 323
 BENJAMIN WB: 324
 BENJUSCH VA: 4972
 BENNETT BP: 3370
 BENNETT HP: 4076
 BENNETT JP: 4255
 BENNETT LL: 912
 BENNETT LR: 1618
 BENNETT TP: 3601
 BENSINGER RE: 1360
 BENSON B: 3400-3401
 BENSON RC JR: 325-326
 BENTLEY PJ: 327
 BENVENISTE RE: 328
 BENZ G: 329
 BERAHA D: 330
 BERAL V: 331
 BERARD M: 764
 BERARDI RS: 332
 BERENBERG W: 2870-2871
 BERENSON GS: 333
 BERETTA ANGUSSOLA A: 112
 BERETTA-ANGUSSOLA A: 3104
 BERG D: 334
 BERG RA: 1841
 BERG S: 1090
 BERGAMINI E: 335
 BERGER H: 1703
 BERGER J: 3032
 BERGER M: 1837, 4683
 BERGER P: 4678
 BERGER R: 336, 1901
 BERGER S: 4805
 BERGER VM: 337
 BERGIN JJ: 2743
 BERGINK EW: 338
 BERGMAN AS: 339
 BERGMAN L: 340-341
 BERGMANN H: 342
 BERGQUIST NR: 343
 BERGSJO P: 1302
 BERGSTROM K: 1686
 BERGUE A: 1256
 BERIC B: 1130
 BERKOWITZ HD: 344
 BERKOVENS JM: 3899
 BERLE P: 345
 BERLET H: 4621
 BERLIN JD: 238
 BERLOWITZ L: 4601
 BERN HA: 3134
 BERNABEI MT: 346
 BERNARD DB: 347
 BERNARD JT: 621
 BERNARDI F: 627
 BERNAT M: 315
 BERNATZ PE: 1986
 BERNDTSON WE: 348
 BERNIER JJ: 2960
 BERNLOHR RW: 2003
 BERNSTEIN DS: 3595
 BERNSTEIN J: 3370
 BERNSTEIN ML: 653
 BERRIDGE MV: 349
 BERRINO F: 643
 BERRY BE: 350
 BERRY JT: 2073
 BERRY MN: 4827
 BERRY RJ: 351
 BERTA L: 3098
 BERTAGNA L: 352
 BERTAGNA X: 353
 BERTELLI AP DE: 354

BERTHEZENE F: 355
 BERTHOD H: 3645
 BERTHOUD HR: 356
 BERTOLINI L: 3765
 BERTOLINI S: 218
 BERTRAND J: 3881
 BESCH PK: 551
 BESLEY GT: 357
 BESSER GM: 358, 1911, 3149-3152, 4012, 4524-4525
 BESSON MJ: 3544
 BESUSCHIO S: 3251
 BETHKE H: 359
 BETKOWSKI A: 360
 BETTELHEIM H: 2390
 BETTENDORF G: 513
 BETTER OS: 2329
 BETTS PR: 361
 BETZ H: 362
 BEUMONT PJ: 363-365
 BEVERS MM: 366
 BEWEN JW: 100
 BEWSHER PD: 3042
 BEYER C: 3006, 3123
 BEYER G: 367
 BEYER J: 1008
 BEZBORODOV AM: 3619
 BEZERRA JW: 368
 BEZWODA WR: 347, 369
 BHALLA VK: 3747
 BHANDARI DS: 4203
 BHANDARI PK: 3242
 BHANDARI VM: 3235
 BHATT DR: 370
 BHATTACHARYA G: 371
 BHATTACHARYYA B: 372
 BHATTACHARYYA MH: 373
 BIANCHI CP: 1386
 BIANCHI S: 374
 BIANCHINE JW: 375-376
 BIAS WB: 457
 BIASINI GC: 3109
 BIBER B: 377
 BICKEL M: 2476
 BIDDULPH DM: 1446
 BIDLINGMAIER F: 2341, 2353
 BIDWAI PS: 2876
 BIEGER D: 378
 BIELAK L: 382
 BIELLIER HV: 1853
 BIERI JG: 379
 BIERNAT J: 2393
 BIESEMEYER ME: 1617
 BIESEOLD D: 380
 BIETLOT A: 1268
 BIGGIO G: 1509
 BIGL V: 380
 BIGORGNE J: 381
 BIGORGNE JC: 381
 BIJLSMA F: 84
 BILINSKI S: 382
 BILLER HF: 383
 BILLIAR RB: 384
 BILLIAU A: 4652
 BILLUND JK: 385
 BILSTAD J: 1369
 BINDEBALLE W: 386
 BINDER C: 2259-2262
 BINDERMAN I: 387
 BINGHAM EW: 388
 BINOT A: 3758
 BINSWANGER U: 858
 BIRCH AJ: 389
 BIRD JW: 4324
 BIRK J: 2661
 BIRK SA: 4296
 BIRKENHAGER JC: 2710
 BISCHOF W: 390
 BISCHOFF D: 1102
 BISERTE G: 4914
 BISHARA SE: 391
 BISSCHOP G DE: 1122
 BISWAS S: 823
 BISWAS SK: 748
 BITENSKY L: 53, 392, 736, 942-944, 1305
 BITENSKY MW: 3051
 BITO LZ: 393
 BITTMAN E: 3275-3276
 BIZOLLON CA: 394
 BIZOT W: 3371
 BJARKE B: 131

AUTHOR INDEX

BJERRE B: 395-396
 BJORKLUNG A: 396
 BLACK J: 4333
 BLACK MB: 3666
 BLACK WJ: 4143
 BLACK WP: 869
 BLACKKARD WG: 397
 BLACKWOOD JM: 2587
 BLAGRAVE K: 582
 BLAHOS J: 4286
 BLAHSER S: 398
 BLAIR C: 3203
 BLAIR ED: 428
 BLAIR HM 3D: 399
 BLAKE M: 5013
 BLAKELEY AG: 400
 BLANK H: 4986
 BLANK RH: 770
 BLANKSTEIN J: 1705
 BLANQUET PR: 401
 BLANTON RJ: 402
 BLATON V: 4669
 BLATT SJ: 4040
 BLAZEK K: 403
 BLAZQUEZ E: 404
 BLAZQUEZ M: 404
 BLEKHERMAN NA: 405
 BLETRY O: 406
 BLICKENSTAFF RT: 162
 BLIZZARD RM: 2609-2610
 BLOC G: 1235-1236
 BLOCH KJ: 4080
 BLOCH-MICHEL H: 407
 BLOCK ML: 408
 BLOCK NL: 330
 BLOCK P JR: 2158
 BLOCK SH: 409
 BLOM J: 4380
 BLOMBACK B: 2474
 BLOMGREN H: 2077
 BLOMQVIST CG: 2084
 BLOOM FE: 410, 3571, 4084-4085, 4142
 BLOOM GD: 1316
 BLOOM S: 411
 BLOOM SR: 4291
 BLOOMFIELD GA: 3743
 BLOOMQUIST WE: 2122-2123
 BLOUNT JF: 3239
 BLUM JW: 412
 BLUM M: 413
 BLUMBERG K: 2723
 BLUMENTHAL J: 1997
 BLUNDEN G: 414
 BLYTH CA: 3672
 BO WJ: 1462
 BOAT TF: 415
 BOBKOVA LN: 416
 BOBROWSKI H: 417
 BOCCI A: 418
 BOCIAN E: 1146
 BOCK KW: 419
 BOCKEL K: 1956, 4736-4738
 BOCKOWSKI K: 420
 BODANSZKY M: 2683
 BODDY K: 421
 BODEM G: 1671
 BODFISH RE: 3283
 BODIAZHINA VI: 422
 BODMER WF: 2788
 BOEGMAN RJ: 423
 BOEKE F: 424
 BOER GJ: 425
 BOEYNAEMS JM: 426
 BOGAERT C: 2642
 BOGAIR N: 4305
 BOGDAN D: 3047
 BOGDANOV M: 427
 BOGDANOVA EA: 422, 2888, 4546
 BOGDANOVE EM: 428
 BOGDEN AE: 429
 BOGETTO F: 4566
 BOGGAN WO: 4430
 BOGIN E: 5000
 BOGNAR I: 430
 BOGOJAVLENSKAIA NV: 3543
 BOGUSLAWSKI S: 434
 BOHLE A: 431
 BOHLMANN HG: 1790
 BOHME B: 432
 BOHNER J: 390

BOHRER SP: 433
 BOIME I: 434
 BOIVIN P: 2872
 BOLELLI F: 628
 BOLGERT M: 435-436
 BOLIO ARISTA R: 3892
 BOLIS GB: 4311
 BOLLINGER J: 180
 BOLLINI R: 2564
 BOLOCZKO S: 437
 BOL'SHAKOVA GM: 2571
 BOL'SHAKOVA TD: 4408
 BOLT DJ: 2658-2659
 BOLT HM: 438
 BOLT M: 438
 BOLTE E: 439
 BOLTE HD: 440
 BOLTON N: 441-442
 BOMBARD A: 3193
 BOMMER J: 3796
 BOMPIANI A: 996
 BONA C: 443
 BONACCORSI A: 982
 BONADONNA G: 498, 3193
 BONANNI F: 444
 BONARD EC: 445
 BONCINELLI E: 446
 BOND JS: 4529
 BOND PA: 447
 BONDARENKO LV: 4170
 BONFIELD W: 448
 BONFILS S: 4287
 BONIOLI E: 4689
 BONNAR J: 634
 BONNER JT: 3446
 BONNEVILLE JF: 4330
 BONNYNS M: 2661
 BONOMINI V: 4654
 BONTA IL: 449
 BOOIJ-NOORD H: 450
 BOOK SA: 451
 BOON DA: 3030
 BOONAYATHAP U: 452
 BOOTS LR: 453
 BORBELY AA: 454
 BORDEIANU A: 3275-3276
 BORDIER P: 455, 3717
 BORDIER PJ: 146
 BORDZHADZE VK: 456
 BORG TK: 308
 BORGAONKAR DS: 457, 4388
 BORGERS M: 798
 BORIS A: 458-459
 BORISENKO KK: 460, 616
 BORJON FERNANDEZ L: 3900
 BORLE AB: 461-462
 BORN GV: 160
 BORN HJ: 13
 BORNEO A: 1005
 BORNET H: 3612
 BORNSTEIN B: 3981
 BORODIN AD: 483
 BOROS I: 3276
 BOROWITZ JL: 3659
 BORRELLI D: 3506
 BORSCH G: 2969, 4564
 BORSELLI L: 1543
 BORSY J: 2507
 BORTZ WM: 464
 BORZECKI Z: 465
 BOS CJ: 466
 BOSCH AM: 467
 BOSCHMA F: 468
 BOSE J: 748
 BOSE SK: 469
 BOSE SM: 3648, 3935
 BOSHANS RL: 3431
 BOSMANN HB: 2318
 BOSSE HG: 2987
 BOSTROM S: 30
 BOSU WT: 470
 BOSZE P: 471
 BOTHWELL TH: 347, 369
 BOTTCHEER D: 4365
 BOTTCGER G: 472
 BOTTICELLI A: 4579-4580
 BOTTICELLI CS: 4580
 BOTTOMLEY R: 3442
 BOUILLE C: 473
 BOUILLON R: 474-475, 3114-3115

BOULLIN DJ: 39
 BOULTON AA: 476, 3565, 4925
 BOURDY H: 2440
 BOURGUIGNON JP: 1354-1355
 BOURKE JR: 2879-2880
 BOURNE AR: 477, 557
 BOURNE AT: 4703
 BOUSSQUET B: 1100
 BOUSSINA I: 478
 BOUTET M: 479
 BOUVENOT G: 480
 BOWALLIUS M: 481
 BOWDEN AN: 482
 BOWDEN DM: 1504
 BOWEN-SIMPKINS P: 874
 BOWER JD: 2780
 BOWER RH: 483
 BOWERS CY: 1984-1985
 BOWERS E: 484
 BOWIE EP: 485
 BOWMAN JC: 4758
 BOWNDS D: 486
 BOWSER EN: 1762
 BOWYER F: 487
 BOYAR RM: 488
 BOYD AE 3D: 489
 BOYD C: 989
 BOYD CP: 1631
 BOYD GS: 2108
 BOYD H: 490
 BOYD LF: 1370-1371
 BOYDE A: 2153
 BOYLE CM: 491
 BOYLE DM: 732
 BOYLE HP: 4008
 BOYNS AR: 1873, 1990, 2147, 4553, 4882
 BOYSE EA: 4731
 BRAAK H: 492
 BRACCO MM DE: 1914
 BRACHET J: 493
 BRADLEY JW: 1262
 BRADLEY MO: 494
 BRADSHAW RA: 1370-1371
 BRADY AJ: 411
 BRADY RO: 4453
 BRAENDLE W: 514-515
 BRAGDON RW: 3041
 BRAIN P: 848
 BRAIN PF: 495-496, 1210
 BRAITHWAITE GD: 497
 BRAMBILLA C: 498
 BRAMBILLA F: 3175
 BRAND MM: 3847
 BRANDE JL VAN DEN: 499-501
 BRANDENBURG D: 1382
 BRANDENBUSCH G: 1411
 BRANDT BL: 4054
 BRANDT GW: 2268
 BRANDT KD: 502
 BRANDT L: 503
 BRANDTEN KH: 504
 BRANEHOG I: 505
 BRANNEN GE: 506-507
 BRANSILVER BR: 508
 BRAUDO EE: 509
 BRAUER R: 1507
 BRAUN OH: 510
 BRAUNSTEIN P: 718
 BRAVERMAN LE: 180-181, 3625-3626, 4641
 BRAVO EL: 1136
 BRAVO SANDOVAL J: 3247, 3840
 BRAYSHAW JS: 511, 3505
 BRAYSHAW M: 4703
 BREATHNACH AS: 277
 BRECH WJ: 512
 BRECKWOLDT M: 513-515
 BREDDERMAN PJ: 516
 BREEMEN C VAN: 517
 BREESE GR: 1917
 BREEUWSMA AJ: 4822
 BREGEON C: 407
 BREITENECKER G: 1388, 1396
 BRENCI G: 1480
 BRENNAN ME: 518
 BRENNER F: 2538
 BRETON HD: 519
 BRESCH H: 4300
 BRESLOFF P: 520
 BRESLOW E: 521
 BRESNAHAN E: 522

AUTHOR INDEX

BRESNAN MJ: 2734
 BREST AN: 523
 BRETON B: 524
 BRETZ U: 525
 BREWER DB: 2781
 BREWER GJ: 526
 BREWER HB JR: 527
 BREWINGTON CR: 528
 BREZENOFF HE: 529
 BRICAIRE H: 530
 BRICE J: 5253
 BRICKER J: 531
 BRICKMAN AS: 532-533, 805
 BRIDGEFORTH J: 2123
 BRIDGEN J: 534
 BRIDGES CD: 535
 BRIGGS M: 530-537
 BRIGGS MH: 538
 BRIGHTON CT: 539
 BRINK J TEN: 1403
 BRINKLEY BR: 540
 BRINKLEY D: 3478
 BRISH M: 1705
 BRISKIN AI: 541
 BRIX E: 1091
 BROBERGER O: 131
 BRODIE A: 486
 BRODOWS RG: 542
 BRODSKAIA TV: 4085
 BROEDERS GH: 543
 BROMAN RL: 544
 BRONSON FH: 545, 3423
 BRONSTEIN H: 794
 BRONZERT D: 3479
 BROCK RL: 1919
 BROOKS FP: 3848
 BROSMAN SA: 546
 BROSTER WH: 547
 BROSTROM CO: 548
 BROT FE: 549
 BROT N: 2495
 BROTHERS LL: 1113
 BROWN BL: 56-57
 BROWN CS: 2587
 BROWN EA: 4572
 BROWN GM: 550, 574, 1658, 1983
 BROWN JA: 1498, 4168
 BROWN JJ: 2990
 BROWN JK: 976
 BROWN KI: 3263
 BROWN LP: 551
 BROWN R: 4550
 BROWN RM: 552
 BROWN WA: 553
 BROWNIE AC: 1443
 BROWNING HC: 554
 BROWNSTEIN MJ: 555, 3927
 BRUBAKER RL: 845
 BRUCE A: 71
 BRUCE AW: 3122
 BRUCE CJ: 4159
 BRUCE NW: 556
 BRUCE WR: 2645
 BRUCKDORFER KR: 557
 BRUCKNER JB: 3491
 BRUHL U: 558
 BRUIJN HW DE: 559
 BRUNEL R: 4994
 BRUNFAUT C: 200
 BRUNI B: 540
 BRUNK SF: 561
 BRUNNER H: 2493
 BRUNNER HR: 1474
 BRUNNER KW: 2765
 BRUNNER NG: 3232
 BRUNSTING A: 562
 BRUSCHKE G: 563
 BRUSH FR: 564
 BRUSH MG: 565
 BRUSILOVSKII AI: 566
 BRUUN E: 567
 BRYAN GT: 568
 BRYAN JH: 569
 BRYANT LR: 570
 BRYC S: 571
 BRYSON G: 3771
 BRYZGALINA SM: 4587
 BRZEZINSKI J: 572
 BRZOZOWSKA-JURKOWSKA A: 573
 BUBENIK GA: 574

BUCANA CD: 575
 BUCHAN B: 4882
 BUCHBORN E: 578
 BUCHER O: 577
 BUCHINA ES: 453
 BUCHSBAUM MS: 578
 BUCKETT WR: 3274
 BUCKINGHAM J: 579-580
 BUCKINGHAM JC: 581
 BUCKLAND RB: 582
 BUCKLER JM: 583, 2789
 BUCKMAN J: 4359
 BUCZOWSKA-SZYMANSKA A: 584
 BUDANTSEV AIU: 4245
 BUDLIGER H: 4969
 BUECHER EJ: 585
 BUENING MK: 586
 BUGAJSKI J: 587, 1747
 BUHI WC: 3308
 BUHL A: 1226
 BUHRDEL P: 588
 BUITRAGO JA: 589
 BUKHANEVICH ID: 590
 BULAT M: 2087
 BULIENKO SD: 591
 BULL HG: 2637
 BULL LS: 3705
 BULLOCK DW: 592
 BULLOCK JL: 593
 BULLOCK LP: 237
 BULLOUGH B: 594
 BULLOUGH PG: 1235
 BULLOUGH V: 594
 BUMPUS FM: 1032
 BUNNAG B: 2798
 BURCH RE: 4390
 BURCHENAL JH: 1718
 BURES H: 595
 BURG MB: 1392
 BURGER PE: 2043
 BURGESS B: 848
 BURGIO GR: 2711, 4118
 BURGUS R: 596
 BURICH RL: 597
 BURING K: 598
 BURKHARDT R: 302
 BURKS TF: 599, 1660
 BURLACU V: 3387
 BURMAN D: 600
 BURMEISTER LF: 4192
 BURMEISTER P: 1814
 BURNETTE WN: 601
 BURNHAM PA: 602
 BURNS SJ: 603
 BURROWS EP: 4241
 BURT GB JR: 3551
 BURTON AF: 4909
 BURTON J: 2814
 BURTON JA: 604
 BUSCH C: 605
 BUSCH DE: 606
 BUSCH W: 607-608
 BUSCIONI FRANCALANCI G: 619
 BUSELMEIER TJ: 2324
 BUSENKELL GL: 4333
 BUSH J: 3625
 BUSH JE: 181
 BUSHINSKII EM: 3626
 BUSHNELL DE: 609
 BUSNARDO B: 610
 BUSNELLI L: 2577
 BUSSIEN R: 611
 BUSTAD LK: 451
 BUSTER JE: 612-613
 BUTCHER RL: 614
 BUTCHER RW: 2271
 BUTENANDT O: 2353
 BUTLER EJ: 615
 BUTOV IUS: 616
 BUTT AA: 617
 BUTT WR: 618
 BUTTINI C: 619
 BUTTRAM VC JR: 551
 BUTTS JA: 620
 BUTZLER HO: 1387
 BUYSE FG: 621
 BYGDEMAN M: 622, 4887
 BYGDEMAN S: 623
 BYROM FB: 624

CABANELA ME: 625
 CABRAL JR: 626
 CACCIARI E: 627-629
 CACICEDO L: 3980
 CADEMARTORI MS: 630
 CADILHAC J: 3434
 CAEN J: 4642
 CAFARO MR: 1005
 CAFFYIN ZE: 631
 CAGLAR S: 1812
 CAIN GD: 3686
 CAIRNCROSS KD: 2309
 CAJU MV DU: 499
 CALABRESI E: 632, 1337-1338
 CALCAIANU G: 633
 CALDER AA: 634
 CALDWELL BV: 4293
 CALIO R: 1453
 CALISSANO P: 635
 CALLAHAN R: 328
 CALLENS M: 830
 CALLOWAY DH: 2901
 CALMETTES C: 3160
 CAMACHO CASTILLO R: 3840
 CAMANNI F: 636
 CAMANO L: 2485
 CAMARGO EE: 637
 CAMERON EH: 1873, 4009
 CAMERON SJ: 638
 CAMERONI R: 346
 CAMPAGNOLI C: 639
 CAMPAILLA E: 640
 CAMPANA FP: 641
 CAMPBELL BK: 1464
 CAMPBELL EW: 1188
 CAMPBELL GT: 428
 CAMPBELL IW: 642
 CAMPBELL RG: 542
 CAMPBELL S: 2141
 CAMPFORTS M: 1217
 CAMPOBASSO O: 643
 CAMPOS C: 644
 CAMPOS MARQUES A: 645
 CANALES ES: 646, 4978
 CANDIDO EP: 2733
 CANDINI GC: 1230
 CANFIELD RE: 3127
 CANIGGIA A: 647
 CANLORBE P: 2124
 CANN JR: 648
 CANNELLA C: 4080
 CANTERBURY JM: 3753
 CANTU JM: 649
 CANZLER R: 1245
 CAPDEVILA JM: 3341
 CAPEK V: 1253
 CAPEX CC: 4791-4792
 CAPLAN RE: 650
 CAPON A: 651
 CAPRA L: 938
 CAPUANO A: 3582
 CAQUET R: 652
 CARANDENTE F: 653
 CARCHMAN RA: 2135
 CARDAS M: 633
 CARDINALI DP: 654-655
 CARE AD: 282, 4410
 CARE D: 4411
 CAREY RJ: 656-657
 CARGILE NL: 658
 CARLEY RB: 774
 CARLINI EA: 2945
 CARLISLE EM: 659
 CARLISLE W: 4054
 CARLSON A: 552
 CARLSON HE: 660-661
 CARMEL PW: 662
 CARNEIRO T: 663
 CAROL W: 664
 CARON MG: 665
 CARPENTER AT: 666
 CARPENTER CB: 4376
 CARPENTER J: 3513
 CARPENTER MP: 667
 CARPENTER PC: 350
 CARPENTER SJ: 668-669
 CARR K: 3118
 CARR WR: 4143

AUTHOR INDEX

CARREA G: 885
 CARREL RE: 880
 CARRIERE E: 875
 CARROLL EJ: 670
 CARRUTHERS TC: 671
 CARSON P: 1028
 CARSTENSEN JT: 672
 CARSWELL W: 2838
 CARTAL MJ: 1358
 CARTER DC: 673-674
 CARTER WJ: 1213
 CARTIER P: 406
 CARTON C: 4086
 CARUNTU M: 875
 CARVALHO AC: 4999
 CASALE FF: 676
 CASANOVA J: 3979
 CASARA D: 1243
 CASE GD: 877
 CASEY JM: 1789
 CASEY WJ: 678
 CASIDA JE: 1741
 CASIDA LE: 1377
 CASNELLIE JE: 679
 CASPI E: 4285
 CASS W: 684
 CASSADY JR: 680
 CASSEN B: 5009
 CASSENS RG: 2915, 4936
 CASTADOT MJ: 3391
 CASTAGNA J: 1294
 CASTEELS R: 517
 CASTELLETTO LA: 681
 CASTELLETTO RH: 681
 CASTELLINO RA: 3485
 CASTENHOLZ A: 682
 CASTLEMAN B: 2265
 CASTRO A: 68, 683
 CASTRO JE: 684
 CASTRONOVO FP JR: 3059
 CATALA E: 3627
 CATANA S: 1495
 CATANIA R: 695
 CATANZANO G: 2580
 CATELLI MG: 996
 CATES LA: 878
 CATHERWOOD B: 686
 CATLIN GH: 3444
 CATON D: 687-688, 1692
 CATOVSKY D: 689
 CATT KJ: 1114, 1558
 CATTAN D: 690
 CATTO GR: 2807
 CATZ B: 691
 CATZ C: 692
 CAUGHEY WS: 4752
 CAUL EO: 693
 CAURIER-JOUIN D: 2346
 CAVAGNINI F: 3175, 3530
 CAVALLIN M: 694
 CAVANNA A: 3098
 CAWOOD ML: 3336
 CAYLA J: 407
 CECCHETTI M: 2602
 CEDILLO-ARCE L: 4330
 CEGLA UH: 695, 1008
 CEHOVIC G: 696
 CENEDELLA RJ: 697
 CENTIFANO Y: 907
 CERBONNET G: 698
 CERESA F: 699
 CERIANI RL: 700
 CERILLO A: 1058
 CERMAKOVA D: 4312
 CERUTTI PA: 3878
 CERV-SKINNER SI: 3626
 CESTARI LJ: 3846
 CHABNER BA: 3857
 CHADER GJ: 3267, 4857
 CHADWICK A: 441-442
 CHADWICK DP: 1839
 CHAI CY: 741
 CHAI H: 701
 CHAICHAREON DP: 702
 CHAKRABORTY J: 703
 CHALAZONITIS A: 704
 CHALENDAR D: 3612
 CHALLIS JR: 705-706
 CHALMERS DV: 707
 CHALMERS JP: 1979

CHALONER-LARSSON G: 3634
 CHAMBAUT AM: 708
 CHAMBERS DJ: 736, 942-943
 CHAMLEY WA: 709
 CHAMLIAN A: 2529
 CHAN AK: 710
 CHAN JC: 711
 CHAN P: 2171
 CHAN T: 712
 CHAN WY: 713
 CHANARD J: 714
 CHAND S: 1452
 CHANDLER HL: 2210
 CHANDLER JA: 715, 1728
 CHANDLER JG: 2611, 3085
 CHANDLER JL: 4711
 CHANDOLA A: 716
 CHANDRA P: 717
 CHANDRA R: 718
 CHANDRA RK: 719
 CHANG CH: 720
 CHANG J: 1792
 CHANG LR: 721
 CHANG MM: 1264
 CHAPEL HM: 722
 CHAPEVILLE F: 3592
 CHAPMAN RL JR: 723
 CHARD T: 724, 1910, 2441-2442, 2826-2827
 CHARLEMAGNE J: 949
 CHARLES P: 725
 CHARLTON CB: 1031
 CHARNEY A: 4372
 CHARRIER J: 726
 CHARTIER M: 727
 CHARTIER BARADUC MM: 728
 CHARTRES A: 975
 CHASE TN: 729
 CHATKOFF ML: 730
 CHATTERJEE A: 731
 CHATTERJEE GC: 371, 2847
 CHATURVEDI NC: 732
 CHAU-WONG M: 4063
 CHAUDHURI BR: 733
 CHAUDHURI ND: 740
 CHAUDHURI SN: 4455
 CHAUSSAIN JL: 2124
 CHAVEZ LARA B: 734
 CHAVIER B: 355
 CHAYEN J: 53, 392, 735-736, 942-944, 1305
 CHAYOTH R: 5006
 CHAZAL G: 737
 CHEATUM DE: 2106
 CHEBOTAR GI: 1675
 CHECINSKA Z: 3052
 CHEDID L: 443
 CHEGE SW: 738
 CHELIKIDI RF: 4307
 CHEMODANOV VI: 2317
 CHEN AT: 739
 CHEN B: 2495
 CHEN CH: 394, 740
 CHEN HI: 741
 CHEN RW: 742
 CHEN TS: 721
 CHENG LC: 4801-4802
 CHENITZ WR: 1916
 CHERET AM: 4287
 CHERMENSKEI DN: 3619
 CHERNYSHEVA NN: 743
 CHERTOW BS: 744
 CHESNEY C: 745
 CHESNEY CM: 746
 CHESNOKOV VN: 3965
 CHESTER R: 1118
 CHEUNG CK: 747
 CHEUNG WY: 4246
 CHEW CS: 3789
 CHHETRI MK: 748-749, 4243
 CHIAPPA SA: 44
 CHIARRA A: 4701
 CHIBA A: 750
 CHIBA T: 751
 CHIDSEY CA: 2055
 CHIEFFI G: 752
 CHIHARA K: 2224
 CHILD KJ: 753, 1531
 CHIN BE: 754
 CHING M: 755-756
 CHINOY NJ: 757
 CHIRASEVEENUPRAPHUND P: 758

CHIU KW: 759, 4907-4908
 CHLUD K: 760
 CHOBSIENG P: 2362
 CHOINOWSKI S: 1804
 CHOJECKA H: 761-762
 CHOMICKI OA: 1600
 CHOONG TL: 3132
 CHOPRA IJ: 4604
 CHOUDHURY SR: 763
 CHOUHIS NH: 4589
 CHOUTEAU Y: 311
 CHOUX M: 764
 CHOUX R: 764
 CHOWANIEC O: 765
 CHOWDHARY GC: 3935
 CHOWDHURY M: 4335
 CHOWDHURY SR: 4204
 CHRETIEN M: 353
 CHRETIEN PB: 999
 CHRISTE W: 766
 CHRISTE R: 4192
 CHRISTENSEN A: 767-769
 CHRISTENSEN JA: 770
 CHRISTENSEN KR: 771
 CHRISTENSEN LW: 772
 CHRISTIAN CL: 1914
 CHRISTIAN LL: 2915
 CHRISTIANSEN C: 773, 3822
 CHRISTIANSEN RL: 578
 CHRISTIANSEN TA: 774
 CHRISTLIEB AR: 775
 CHRISTOFF N: 321, 776
 CHRISTOFFERSEN P: 1043
 CHRISTOPHE A: 2532
 CHRISTOPHERSON WM: 2978
 CHRUSCIEL A: 4769
 CHRZANOWSKA-SRZEDNICKA K: 777
 CHU JY: 2901
 CHU MY: 778
 CHU N: 410
 CHU SH: 778
 CHU TM: 3163
 CHUGH KS: 779
 CHUNG A: 683
 CHUNG M: 258
 CHURCHILL JA: 780
 CHURCHILL PC: 2775
 CHUTKOW JG: 781
 CHUTTANI HK: 1518
 CHYTIL F: 3381
 CIANFRIGLIA F: 2047
 CIARANELLO RD: 782
 CICCETTI V: 219
 CICMANEC JL: 23
 CICOGNANI A: 627-629
 CIBAK RW: 783
 CILENTO G: 784
 CINCO ESPINOSA G: 3840
 CIOBANU V: 4396
 CIOCAN A: 4396
 CIONTESCU L: 3276
 CIRIC IS: 785
 CITTADINI E: 786
 CLAMAN HN: 787
 CLAPP JF: 687
 CLAPP NK: 788
 CLAR HE: 2715
 CLARIDGE MP: 2130
 CLARK C: 2731
 CLARK F: 1212
 CLARK JF: 3055
 CLARK JH: 97
 CLARK MB: 315
 CLARK SS: 952
 CLARK VL: 2003
 CLARKE AE: 789
 CLARKE BF: 642
 CLARKE D: 790
 CLARKE JR: 3547
 CLARKE PH: 791
 CLARKE SK: 693
 CLARKSON BD: 1718
 CLARKSON EM: 792
 CLASEN RA: 793
 CLASSEN HG: 1150
 CLAUSEN KP: 794
 CLAUSER H: 2600
 CLAUSES I: 1122
 CLAUSTRAIT B: 394
 CLAUVEL JP: 406

AUTHOR INDEX

CLAVIER RM: 795
 CLEMENS JA: 796, 4226
 CLEMENS LG: 772
 CLEMENT-CORMIER YC: 797
 CLEMM P: 4976
 CLERCK F DE: 798
 CLERMONT HG: 799
 CLIFFTON EE: 800
 CLOS J: 801
 COATES ME: 802
 COBURN JW: 532, 803-805
 COFFEY DS: 506-507
 COFFEY RG: 806-807
 COHEN A: 546
 COHEN E: 3496
 COHEN FB: 2319
 COHEN HB: 3075
 COHEN T: 808
 COHEN Y: 2081, 2927
 COHN BE: 809
 COHN I JR: 2885
 COHN JN: 810
 COHN M: 812
 COHN ML: 811-812
 COHN RA: 813
 COHN RW: 3971
 COHN SH: 814
 COHN VH: 4172
 COHN ZA: 4340
 COID CR: 2563
 COLCHER E: 1342
 COLE AT: 2163
 COLE EN: 1990, 4553, 4882
 COLE JK: 815
 COLE JO: 816
 COLE MP: 817
 COLE P: 818
 COLEMAN D: 2653
 COLEMAN DJ: 4828
 COLEMAN R: 819
 COLES GA: 248
 COLIN J: 835
 COLLEN D: 2474
 COLLET M: 251
 COLLETT HA: 820
 COLLEY AM: 821
 COLLIER HO: 617
 COLLIGNON R: 1268
 COLLINGE AJ: 4583
 COLLINS JA: 3521
 COLLINS JM: 4529
 COLLINS P: 822
 COLLINS PA: 1785
 COLLINS WE: 814
 COLLINS WP: 823, 1828
 COLLISCHONN G: 13
 COLLU R: 824-825
 COLMAN RW: 745-746, 4999
 COLOMB E: 826
 COLOMBERA D: 827-828
 COLOMBO A: 4118
 COLOMBO JA: 217
 COLOMBO ML: 829
 COLPAERT FC: 830
 COLSTON KW: 831
 COLTMAN CA JR: 4302
 COLUCCI CF: 937
 COMBARNOUS Y: 832-833
 COMBS SP: 561
 COMLINE RS: 3243, 3866
 COMSA J: 4088
 COMSTOCK JP: 3381
 CONAWAY HH: 1643
 CONCETTI M: 4570
 CONDOM R: 834
 CONDON JK: 2611
 CONDORELLI M: 3930
 CONEN PE: 4145
 CONI NK: 3172
 CONINX P: 835
 CONNELLY TG: 836
 CONNOLLY JG: 3083
 CONNOR TB: 3718
 CONRAD MJ: 837
 CONSTANS JP: 838
 CONSTANTINIDES P: 839
 CONTINI AM: 3793
 COOGAN PS: 793
 COOK B: 840
 COOK BF: 3400-3401

COOK DB: 790
 COOK DM: 68
 COOK HC: 841
 COOK WA: 4295
 COOKE BA: 3355
 COOKE NJ: 842
 COOKE WT: 843
 COOLS AR: 844
 COONEY DA: 4960
 COONEY DP: 808
 COONEY JJ: 4067
 COONEY KE: 3240
 COOPER BR: 1917
 COOPER CW: 8, 845
 COOPER KJ: 846, 2782
 COOPERMAN MT: 847
 COOVADIA HM: 848
 COPELAND D: 849
 COPENHAVER W: 2647
 COPP DH: 3023, 4124
 COQUILLAUD JP: 850
 CORABOEUF E: 851
 CORBEEL L: 4653
 CORBEL MJ: 852
 CORBIN A: 4630
 CORDASCO EM: 853
 CORDONE MN: 641
 CORDY PE: 854
 CORGNATI A: 3545
 CORKER CS: 363
 CORNBLATH M: 2817-2818, 3577
 CORNFORTH JW: 855
 CORRADINO RA: 856
 CORREA P: 1224
 CORRE-HURST L: 857
 CORRIN B: 3743
 CORRODI E: 1421, 2873
 CORRODI F: 858
 CORSINI GU: 1509
 CORTELLARO M: 3609
 CORVALAN JC: 3416
 CORVOL P: 1380
 COSLOVSKY R: 859, 2630
 COSTA A: 1668
 COSTABELLA PM: 1710
 COSTALL B: 860
 COSTANZO LS: 861
 COSTIN A: 3096, 3929
 COTMAN CW: 3736
 COTTA J: 4499
 COTTE C: 3881
 COTTIER P: 862
 COTTINO F: 1668
 COTTON WR: 863
 COTTRELL GA: 864
 COTZIAS GC: 865
 COULOMBRE AJ: 866
 COULOMBRE JL: 866
 COULOURIS C: 2665
 COULSTON F: 1572
 COUREY NG: 3087
 COURRIERE P: 3665
 COURT J: 867, 3920
 COUSER WC: 868
 COUSINS MJ: 2982
 COUTRIS G: 407
 COUTTS JR: 869
 COVI G: 2602
 COVIAN MR: 2672, 3923
 COVIC M: 3522
 COWIE AT: 870
 COX AW: 1801
 COX DC: 458
 COX JE: 871
 COX RF: 3444
 COX RP: 1516-1517
 COY D: 4613
 COY DH: 872, 1585, 4700
 COY DM: 4612
 COY E: 4613
 COY EJ: 872, 4700
 COZZARI C: 635
 CRABO BG: 2471
 CRABTREE JA: 873
 CRAFT I: 874-876
 CRAMER CF: 877
 CRAMER H: 2690
 CRAMER MB: 878
 CRAMER OM: 259, 879
 CRANDALL BF: 880

CRANE AM: 1476
 CRASSELLT C: 881
 CRASWELL PW: 882
 CREANGE JE: 883
 CREASER EH: 3836
 CREGER CR: 1262
 CREIGHTON MO: 884
 CREMER JE: 3489-3490
 CREMONESI P: 885
 CRENSHAW MA: 886
 CREPEL F: 801
 CREUTZFELDT W: 147
 CREWS D: 887
 CREWS QF JR: 1871
 CRIGHTON DB: 888-889, 1340
 CRIMI C: 3109
 CRIPPA M: 4550
 CRIPPS MH: 307
 CRISCI G: 1331
 CRISSMAN HA: 890
 CRISTALLI S: 4701
 CRISTY M: 891
 CROCE CM: 892-893
 CROCKER AD: 4879
 CROCKER CL: 1824
 CROFT CB: 894
 CROFT DN: 4509
 CROKER BP JR: 895
 CROME L: 896
 CROMPTON GK: 842
 CROMPTON GK: 638
 CRONIN SR: 897
 CRONQVIST S: 898
 CROOK JN: 2685
 CROSIGNANI PG: 3763
 CROSS BA: 899
 CROSS SA: 900
 CRUESS RL: 3334
 CRUICKSHANK J: 3253
 CRYSTLE CD: 901
 CSABA B: 4821
 CSABA G: 902
 CSABA I: 903-904
 CSAPO A: 905
 CSAPO Z: 906
 CSEH I: 2269
 CSEPLI J: 907
 CSETE B: 973
 CSIDEY I: 1933
 CSILLAG M: 5005
 CUATRECASAS P: 908, 1025, 2027, 3367, 4491
 CUELLO AC: 1936
 CUERDO-ROCHA S: 909
 CUEVAS L: 317, 1019
 CUGELL DW: 3148
 CUGURRA F: 2897
 CULLEN R: 2142
 CULP W: 4054
 CUMBERBATCH KN: 3706
 CUNNINGHAM FJ: 4758
 CUNNINGHAM PJ: 910
 CUPO JJ JR: 1962
 CUPP J: 4251
 CURCUGIORDANO FM: 911
 CURNOW RT: 1025
 CURRY DL: 912
 CURRY OB: 913
 CURTAIN CC: 914
 CURTHOYS NP: 915
 CURTIS DJ: 916
 CURTIS MJ: 615
 CURTIS-PRIOR PB: 917
 CURZON G: 4342
 CUTTNER J: 1237
 CYKLIS R: 142
 CYLWIK B: 918
 CYRKOWICZ A: 919
 CZAJKA R: 2333
 CZAPEK EE: 920
 CZECH W: 2120
 CZEKANOWSKI R: 4283
 CZERESNIA S: 2945
 CZYGAN PJ: 513

D

DAABIS NA: 3212-3213
 DABROWSKA B: 921
 DABKINZ R: 1662
 DADAGIAN AJ: 922

AUTHOR INDEX

DADE AW: 2620
 DAHNHOFELDT JL: 923
 DAHL E: 924
 DAHL LK: 1414
 DAHL R: 925
 DAHLHEIM H: 1620
 DAHLQUIST R: 926-927
 DAIGO K: 2224
 DAILEY HA JR: 928
 DAKAKE C: 1323
 DALAKOS TG: 929
 D'ALBERTON A: 3763
 DALDIN J: 75
 DALE SL: 3651
 DALEN E: 930
 DALEN N: 931-936
 D'ALESSANDRO B: 937
 DALFERES ER JR: 333
 DALGARD DW: 23
 DALLAIRE-MARCEAU M: 310
 DALLAPICCOLA B: 938
 DALLEY V: 3478
 DALLMAN M: 564
 DALLMAN MF: 939
 DAL PALU C: 3545
 DALSGAARD-NIELSEN T: 940
 DALTON C: 941
 DALY JR: 53, 736, 942-944, 1305
 DALY JW: 4214
 DALY RF: 945
 DAMAIS C: 443
 DAMIANO A: 1460
 D'AMICIS A: 4105
 DAMJANOV I: 946, 2087
 DAMMERT K: 3445
 DANCHEVA K: 3292
 DANER L: 1747
 DANIEL C: 1616
 DANIEL M: 232
 DANIELS JS: 1213
 DANIELS MP: 4586
 DANIELS TE: 4431
 DANIELSON GK: 350
 DANILA E: 4396
 DANILOVA IN: 947
 DANNEMANN R: 3016
 DANNER K: 2977
 DAO TL: 948
 DAoust PR: 1227
 DAPUNT O: 3751
 DARDENNE M: 949
 DARKE AC: 950
 DARKOVSKI S: 1140
 D'ARMIENTO M: 2135
 DA RUGNA D: 951, 978
 DARWAJ B: 1663
 DARWISH ME: 952
 DAS GC: 151
 DAS P: 2995
 DAS RJ: 3721
 DAS SB: 4221
 DAS GUPTA LR: 1518
 DAS GUPTA S: 4107
 DAS GUPTA TK: 253
 DASH RJ: 3722-3724
 DASHEV G: 110, 1497
 DASTIDAR PG: 371
 DASTUGUE B: 4513
 DATTA PK: 446
 DAUGHADAY WH: 660, 3416
 DAVEY KG: 953, 1967
 DAVID DS: 954
 DAVID L: 1358
 DAVID MP: 2186
 DAVID TJ: 955
 DAVIDOFF F: 847
 DAVIDOVA RIA: 956
 DAVIDSON DW: 2048
 DAVIDSON MB: 957
 DAVIES C: 958, 3478
 DAVIES DL: 2990
 DAVIES LJ: 705
 DAVIES J: 3393
 DAVIES RH: 959
 DAVIES TJ: 4182
 DAVIGNON J: 1469
 DAVIS A: 4251
 DAVIS B: 960
 DAVIS BB: 3041
 DAVIS GR: 1213

DAVIS JA: 2004
 DAVIS JC: 961
 DAVIS JN: 962
 DAVIS JS: 963
 DAVIS MA: 2210, 4277
 DAVIS WL: 964
 DAVISON W: 3172
 DAWD DS: 1275
 DAWIDOWICZ A: 965
 DAWSON JB: 1772
 DAY BN: 1039, 1659
 DEAC M: 2847
 DE AGUSTIN P: 966
 DEAN PD: 1071
 DE ANTONI E: 641
 DEARDORFF SL: 967
 DEATON JW: 2974
 DEAVEN LL: 968
 DEB C: 969
 DEBELJUK L: 138, 970, 4013, 4700
 DEBERNARDIS JF: 4207
 DEBLOCK S: 971
 DE BONILLA H: 972
 DEBRECENI L: 973
 DEBRECZENI LA: 974
 DEBRUN G: 975
 DE CARLI L: 245
 DE CAROLIS AS: 1975
 DE CATO L JR: 976
 DE CHAMPLAIN J: 4196
 DECLERCQ B: 4609
 DE COEN JL: 3696
 DECSI L: 977, 3214
 DEDECKER R: 1433
 DEDES M: 951, 978-979
 DEDOV II: 980-981
 DEEV LI: 4257
 DEFER N: 4513
 DEFTOS LJ: 3479
 DE GAETANO G: 982
 DEGANI GF: 3764
 DEGENHART HJ: 499
 DEGEORGES M: 1342
 DEGKWITZ E: 983
 DEGROOT LJ: 984
 DEGUCHI T: 985, 1922, 3075
 DE GUZMAN NT: 986
 DEHMEL EM: 2399
 DEKEL N: 987
 DEKIRMENJIAN H: 2776
 DE LA CRUZ: 4967
 DE LAEY JJ: 1357
 DELAGE C: 479, 988
 DELAND FH: 989
 DELARUE NC: 990
 DE LAS CASAS ALONSO P: 991
 DE LA TORRE B: 992
 DELBARRE F: 407, 1519
 DELBAUFFE D: 3499
 DELBOY C: 480
 DELCROIX C: 2642
 DE LEE C: 993
 DE LENA M: 498
 DE LEON V: 994
 DELIGEORGI H: 4567
 DELISLE CE: 535
 DELITALA G: 995, 3835
 DELL'ACQUA S: 996
 DELLE M: 561
 DELLING G: 997
 DELLMANN HD: 998
 DELLON AL: 999
 DELONCA H: 1000
 DEL POZO E: 1001
 DEL PRINCEPE D: 2007
 DEL RIO M: 2577
 DELUCA HF: 315-316, 373, 1002-1003, 1512-1513
 DELUCA HF: 4465
 DELUCA HF: 4632
 DE LUCA L: 444
 DE LUCA R: 1004-1005
 DEMANINCOR D: 939
 DEMARTEAU M: 651
 DEMARTINO L: 458
 DE MATTEIS F: 1006
 DEMBINSKA-KIEC A: 1007
 DEMBINSKI A: 2392
 DEMCHENKO PA: 2320
 DEME D: 3612
 DEMENT WC: 3075

DE MEYTS P: 629
 DEMIDOVA NM: 4216
 DEMINTSEVA VS: 4972
 DEMISCH K: 695, 1006
 DEMITRESCU T: 2392
 DE MOOR P: 474-475, 4447
 DEMOULIN A: 1354-1355
 DEMPSTER WJ: 1009
 DEMURA H: 1010
 DEMURA R: 3959, 3961
 DEMUROV EA: 2289-2290
 DENAMUR R: 1011
 DE NAYER P: 1012, 2033
 DENBOROUGH MA: 789, 3161
 DENDA A: 2052
 DENEFF C: 1013
 DENEKE C: 1014
 DENGLER HJ: 1671
 DENIS G: 1015-1016
 DENLINGER JK: 1017
 DENNIS RD: 2589
 DENOEL J: 2454
 DEOL G: 3581
 DEOREO GA JR: 1018
 DE PAOLI AA: 335
 DE PASTRANA SL: 1019
 DEPPER R: 4235
 DE PRA M: 1020-1021
 DEQUEKER J: 3832
 DERICKS-TAN JS: 13
 DEROME A: 2581
 DERUBERTIS FR: 1022
 DERUBERTIS FR: 1023-1024
 DERUYCK R: 1217
 DE SANCTIS C: 829
 DE SANTIS P: 4080
 DESAULLES PA: 4018
 DESBUQUOIS B: 1025
 DESGRES J: 1026
 DESHMUKH DS: 1027
 DESHPANDE N: 1028
 DESJARDINS C: 348, 545
 DESJARDINS PD: 1345
 DESLAURIERS R: 1029, 4756
 DESLIGNERES S: 652
 DE SOUZA SW: 29
 DE TRANA L: 1004-1005
 DETURE FA: 987
 DETWILER TC: 1247
 DEUTSCH S: 1030
 DEVANE G: 4451
 DEVERS K: 3815
 DEVICTOR-VUILLET M: 1430
 DEVINE CE: 4378
 DE VISSCHER M: 2033
 DEVITA VT: 4961
 DEVITA VT JR: 519
 DEVIVO DC: 132
 DE VLAMING VL: 1031
 DEVLIN JM: 1919
 DE VRIES A: 2342, 4298
 DEVYNCK MA: 1032
 DEVYS MM: 3485
 DEWAR JH: 3163
 DE WOLF M: 1033
 DEY SK: 1037
 DEYKIN D: 1998
 DHALLA NS: 1034, 4201
 DHAR GJ: 1035
 DHONT M: 3890
 DIADHOU F: 1224
 DIAMOND SG: 2904
 DIAZ F: 867
 DIAZ G: 4537
 DIAZ RECASENS J: 3534
 DI BENEDETTO G: 2032
 DICARA LV: 4191
 DI CARLO V: 3605
 DI CHIARA F: 322
 DICK-SMITH JB: 1036
 DICKINSON A: 3452
 DICKINSON AG: 3421
 DICKMANN Z: 1037
 DICZFALUSY E: 992
 DIDDLE AW: 4104
 DIDOLKAR MS: 1038
 DIEHL JR: 1039
 DIEM E: 1040
 DIERICK W: 1033, 1867-1869, 2532
 DIERINGER CS: 305

AUTHOR INDEX

IETEN SW VAN: 1041
 IETERLE P: 2723
 IETERLEN-LIEVRE F: 128
 IETHELM L: 2493
 IETRICH HH: 1042
 IETRICHSON O: 1043
 IETZE F: 4057
 IETZMAN RH: 2471
 IGILIO G: 2007
 IGNAM BM: 1044
 HELMANN W: 780, 1045
 I LERNIA R: 245
 ILIBERTO EJ JR: 1048
 ILLON M: 570
 ILLON TF: 3568
 IILMAN V: 1047
 ILOKSAMBANDH V: 1048
 I MATTEO G: 641
 I MENZA S: 3577
 IMICK PS: 4413
 IMITROV A: 3215
 IMITROV V: 4984
 IMMICK JE: 1049
 IMMITT MK: 3321
 IMOND RC: 3311
 INAMANI P: 1050
 INNENDAHN V: 3548, 4048
 INTZMAN M: 2342
 IONNE P: 1051
 IOP A: 1224
 IPASQUALE A: 4859
 IPASQUALE G: 1052
 I ROSA M: 1053
 ISSMANN T: 2714
 ISTLER A: 1054-1057, 3562
 I TURI N: 3793
 ITZOV S: 110
 IVER MJ: 961
 IIVITIS E DE: 1058
 IIXIT VP: 1059-1061
 IIXON GH: 2733
 IIXON AF: 1062
 IJACZENKO W: 1453
 IJANDJI V: 2998
 IJOSELAND O: 1063
 IJUOVIC N: 2016
 ILUHY RG: 1084
 IMITRIEV BS: 4720
 IMITRIEVA NP: 1065
 IOBELN W VON: 1066
 IOBLER M: 1087
 IOBROGOSZ WJ: 544
 IOBROSKOK AI: 1088
 IOBROTORSKII AE: 4216
 IOBRYNIN IAV: 3289
 IOBRYSYCKA W: 1069-1070
 IOBSON H: 1071
 IOBYNS BM: 1072
 IOCTOROUFF S: 4372
 IOBSON K: 869
 IOE WF: 2887
 IOERSHUK CF: 415
 IOGLIANI P: 829
 IOGLIOTTI L: 1325
 IOHERTY D: 3672
 IOHLER KD: 1073
 IOI A: 1074
 IOI K: 3352
 IOIG A: 3461
 IOKU HC: 2864
 IOLGORUKOV MI: 1075
 IOLLING B: 17
 IOBOS L: 3335
 IOBROSKY JT: 305
 IOINIC J: 3075
 IOOKOS M: 2867
 IOZAL T: 1076
 IOABEDIAN RK: 2859, 2975
 IOAHUE WH: 1077
 IOALD AD: 3654
 IOALD I: 1078
 IOALD IR: 1079
 IOALDSON EM: 1604
 IOATH A: 1080-1081, 3518
 IOATH K: 997
 IOATI MB: 982
 IOAWICK WJ: 1698
 IOANDERO F: 1082, 2047
 IONE JT: 1083
 IOOVAN BT: 1084

DONTA ST: 1085-1086
 DOORENBOS NJ: 1087
 DOORNEWAARD J: 3083
 DORCHE C: 11
 DORFMAN RI: 1088
 DORFMANN H: 455
 DORIA G: 1089
 DORING G: 1090
 DORMONT J: 193
 DORPH S: 1091
 DORRHOFER HH: 2987
 DORRINGTON AJ: 4467
 DOSS M: 1092
 DOUBRAVOVA E: 1112
 DOUGHERTY HW: 204
 DOUGHTY C: 2791
 DOUGLAS AS: 4765
 DOUGLAS LW: 3705
 DOUGLAS WW: 1093, 3229
 DOUTLIK S: 4312
 DOWNEY BR: 1094
 DOWNEY JA: 1353
 DOWNS JB: 723
 DOWNS MP: 1095
 DOYON D: 1096
 DRAC P: 1097
 DRAGOMIR C: 234
 DRAY F: 905, 4499
 DRAZEN JM: 1098
 DRESCHER S: 1119
 DRESNER ML: 1099
 DREUX C: 1100
 DREW AL: 1101
 DREWINKO B: 4378
 DREYER C: 1102
 DRICKAMER LC: 1103
 DRILL VA: 1104
 DRINGS P: 1105, 2175
 DRINKARD JP: 1584
 DRISKELL JA: 1106
 DROPOVA K: 3914
 DROUIN D: 2629
 DROZDOVSKAYA LN: 1107
 DRUEKE T: 1451
 DRUEKE T: 4996
 DRUMMOND GI: 4387
 DRUMMOND M: 2270
 DRURY KC: 4048
 DRUT R: 681
 DRY J: 3539
 DRYLIE DM: 967
 DTY RL: 1108
 DUBBERSTEIN M: 983
 DUBIEL-BIGAJ M: 1109
 DUBIN A: 2899
 DUBIN JC: 2818
 DUBIN L: 78
 DUBOIS-FERRIERE G: 1110
 DUBRAVEC L: 4536
 DUBROV IAG: 1111
 DU CAJU MV: 500
 DUCHESNE MJ: 163
 DUCHKOVA H: 1112
 DUDICK ME: 1113
 DUFAL ML: 1114
 DUFALC C: 1485
 DUFLO B: 1115
 DUGAN RE: 1116, 3257
 DUGGAL N: 3235
 DUKE RF: 1117
 DUKES M: 1118
 DUKSIN D: 387
 DULLMANN J: 1119
 DUMA H: 1160
 DUMERMUTH G: 1120
 DUMITRU C: 3394
 DUMONT JE: 428
 DUMONT M: 1121
 DUMOULIN J: 1122
 DUMPERT HP: 4353
 DUNBAR I: 1108
 DUNBAR F: 1123
 DUNBAR RI: 1123
 DUNCAN LJ: 642
 DUNCAN RJ: 1124
 DUNN J: 3272
 DUNN JD: 1125-1128
 DUNNETT J: 3248
 DUNNIGAN J: 292
 DUPONT C: 1127

DUPONT HL: 1086
 DUPUIS Y: 1344
 DURAN F: 3396
 DURAN S: 1128, 2892-2893
 DURANDO C: 1129
 DURDENO DA: 3565
 DURDEVIC J: 1130
 DURIGON M: 1115
 DURING R: 1131
 DURIO G: 3097
 DURLIAT M: 1132
 DURNEVA SG: 2724
 DURR HK: 1133
 DUSSAULT J: 1461
 DUSSAULT JB: 1134-1135
 DUSTAN HR: 1136
 DUTT MK: 1137
 DUTTA BN: 3933-3935
 DUTZ W: 79
 DUURSMA SA: 4705
 DUVAL D: 1414
 DUVAL AJ 3D: 774
 DU VIGNEAUD V: 713
 DVORAK J: 3442
 DVORAK M: 1138-1139
 DVUZHIL'NAIA ED: 1140
 DWYER PE: 2898
 DYBEK M: 1141
 DYK T: 1142
 DYM M: 1234
 DYREBORG E: 1143
 DZIADKOWIEC I: 1144
 DZIENISZEWSKI J: 1145
 DZIUK E: 1146
 DZIUK PJ: 3749

E

EAGLE NC: 69
 EAPEN J: 4470
 EARLL JM: 3311
 EARNST DL: 1147
 EAST BW: 421
 EASTERLY JF: 3567
 EASTMOND C: 961
 EASTWOOD JB: 792
 EASTY DM: 3640
 EASTY GC: 3640
 EATON GG: 1148
 EBARA Y: 1149
 EBEL H: 1150
 EBEL K: 1151
 EBERLE ED: 1346
 EBERT R: 4062
 EBHARA A: 1152
 ECKERT R: 3186
 ECKHARDT S: 4427
 ECKNER FA: 4040
 ECONOMIDOU JC: 2887
 ECTORS M: 1153
 EDDLESTON AL: 1154
 EDEL HH: 431
 EDELHAUSER JF: 1978
 EDELHOCH H: 1369, 2543
 EDELMAN IS: 1155, 2933-2934
 EDELMANN CM JR: 4308
 EDELSTYN GA: 1156
 EDGAR PJ: 4243
 EDIDIN M: 1590
 EDMOND P: 1991
 EDQVIST LE: 470, 3986
 EDSMYR F: 931
 EDSTROM A: 1157
 EDWARDS C: 1158
 EDWARDS DC: 396
 EDWARDS JA: 3030
 EDWARDS R: 1159
 EECHAUTE W: 2528
 ECKELS R: 4653
 EFANOV A: 4608
 EFIMOV AS: 4223
 EFIMOVA LYU: 135
 EFINSKI D: 1160
 EFSING HO: 898
 EFSTRATOPOULOS AD: 1161
 EGART FM: 1162, 3071
 EGAHL RH: 1864
 EGGENTON J: 1163
 EGGER G: 2515
 EGGERER E: 855

AUTHOR INDEX

EGGERMONT E: 4653
 EGORENKOV AN: 2418
 EGOROV BB: 4720
 EGOROVA IA: 1182, 1499
 EGOZCUE J: 133
 EHARA Y: 2811, 4947
 EHLERS E: 1008
 EHRENSING RH: 1184
 EHRLMAN L: 3778
 EICHELBAUM M: 1671
 EIDLIN LM: 1185
 EISEN A: 1186, 1300
 EISENBERG H: 1187, 4990
 EKINS RP: 56, 2074, 2854
 EKNOYAN G: 1803
 EKSTROM-JODAL B: 1188
 ELDRIDGE JC: 1169
 ELDRIDGE JM: 754
 ELGORT DA: 1170
 ELIAN E: 2006
 ELIAS EG: 1171
 ELICIO N: 218
 ELING TE: 3470
 ELLAR DJ: 1988
 ELLENDORFF: 1172
 ELLENDORFF F: 1173
 ELLING P: 1043
 ELLIOTT DA: 1174
 ELLIOTT DD: 1175
 ELLIOTT HW: 2370
 ELLIS DA: 1176
 ELLIS DR: 1049
 ELLIS CJ 3D: 2743
 ELLIS KJ: 814
 ELLIS LC: 4635
 ELLORHAGUI M: 1177
 ELOKHINA IV: 3955
 ELSAESSER F: 2386
 EL'SKAIA AV: 4603
 ELSTEIN M: 1178
 ELTON RA: 4522
 ELYAKOVA LA: 1179
 EMANUELSSON H: 1180
 EMBREY MP: 634
 EMERICK RJ: 1181
 EMERSON GM: 1182
 EMILIO CL: 3846
 EMILIOZZI R: 834
 EMMELT P: 466
 EMMERSON BT: 1183
 EMMERTSEN K: 1716
 EMMONS RW: 370
 EMMRICH P: 588
 EMRICH D: 1989
 ENDERSBY CA: 1184, 2792
 ENDO K: 3936
 ENDO Y: 1185
 ENGBAEC C: 2259
 ENGEL DJ: 1186
 ENGEL JJ: 1881
 ENGEL WK: 3492
 ENGELBRECHT E: 1187
 ENGELBRECHT H: 1187
 ENGER DM: 1188
 ENGLANDER T: 2890
 ENGLARO GC: 322
 ENGLERT LF: 1894
 ENGLISH AF: 753, 1531
 ENGSTROM B: 4289
 ENGSTROM I: 1189
 ENNEVER J: 1190
 ENOMOTO H: 1191
 ENRIQUE DUHART J: 3870
 ENRIQUEZ L: 3627
 ENWONWU CO: 1192
 EPEL D: 4338
 EPIFANOV NS: 1193
 EPPS LN: 4729
 EPSTEIN CJ: 4301
 EPSTEIN M: 1194
 EPSTEIN N: 1195
 EPSTEIN S: 3600
 ERB W: 2626
 ERD W: 342
 ERDELYI A: 907
 ERDEM S: 52
 ERDMANN VA: 3613
 ERDOS T: 905, 1196
 ERGESHOF S: 1197
 ERHARDOVA-KOTRLA B: 403

ERHARDT F: 2723
 ERICKSON RP: 4301
 ERIKSSON L: 1198
 ERINA EV: 1199
 ERLANDSEN SL: 3477
 ERLINGER S: 1121
 ERMAKOV EM: 1276
 ERMAKOVA GL: 1200
 ERMAN AM: 4318
 ERNOULD C: 1354-1355
 ERRARD DJ: 3485
 ERSHOVA IN: 1529
 ERTEL NH: 50
 ESBER HJ: 429
 ESCOBAR DEL RAY F: 3980
 ESLEER MD: 1201
 ESPINOZA LR: 1202
 ESPONA PUIGSERINANEL L: 1203
 ESPOSITO V: 937
 ESSELINCKX W: 478
 ESSEN C VON: 1168
 ESSER MJ: 1204
 ESTES J: 3533
 ESTEVENON JP: 826
 ESTEVEZ JM: 1205
 ESUMI H: 4117
 ETIENNE P: 3188
 ETO S: 1206
 EL ETREBY MF: 1207
 ETZIONI A: 1208
 EUBANKS EE: 2072
 EULER US VON: 1209
 EVANS AB: 756
 EVANS CM: 495, 1210
 EVANS DG: 2827
 EVANS ES: 756
 EVANS HM: 1, 1211, 2662, 4194
 EVANS IM: 831
 EVANS PD: 4750
 EVARTS CM: 3521
 EVARTS RP: 379
 EVERED DC: 1212, 4012
 EVERS R: 2445
 EVRIN PE: 1754
 EVTUSHENKO SK: 36
 EWING DJ: 642
 EWY Z: 4898
 EXTON JH: 3578
 EYLAN E: 2890-2891
 EYRING EJ: 2508
 EZRIN C: 2424
 EZZAT E: 882

F

FAAS FH: 1213
 FABBRI P: 4781
 FABER OK: 1214
 FABER S: 3480
 FABERT VG: 1215
 FABRE J: 1216, 3540
 FADDA F: 1509
 FAGARD R: 1217
 FAGERHOL MK: 1549
 FAGIANI MB: 3097
 FAHLEN M: 30
 FAHN S: 1218
 FAHNRICH P: 1219
 FAHRINGER EE: 3740
 FAIGEL HC: 1220
 FAIN JN: 4855
 FAIRWELL T: 527
 FAIZULLIN LZ: 87
 FAJGELJ A: 2016
 FAL W: 1221
 FALEN L: 720
 FALK DR: 1222
 FALK JL: 1223, 4486
 FALKAY G: 3154
 FALL M: 1224
 FALLET GH: 478
 FALLUCCA F: 107
 FALVO KA: 1225
 FALVO RE: 1226
 FANESTIL DD: 2741
 FANGHANEL J: 4059
 FANKHAUSER R: 1232
 FARA J: 377
 FARBER DB: 2719
 FARBER M: 1227
 FAREBIN I: 4680
 FARGASON BD: 2911
 FARID NR: 1228-1229, 4721
 FARINELLI A: 1230
 FARKAS M: 1231
 FARNER DS: 1320
 FARREL HM JR: 398
 FARSKA I: 1339
 FATZER R: 1232
 FAUDON M: 737
 FAULHABER JD: 1610
 FAURE A: 394
 FAVRE L: 1233
 FAWCETT CP: 846, 2481, 2782
 FAWCETT DW: 1234
 FAWCETT JA: 2776
 FAY R: 546
 FAYE I: 1235-1236, 2896
 FAYEMI AO: 1237
 FAYET G: 4680
 FAZEKAS AT: 1238
 FAZYLOV UT: 1239
 FEARL JD: 4325
 FECHTER LD: 1240
 FEDDER J: 2983
 FEDEEVA MA: 1241
 FEDER HH: 1242, 3137, 4184, 4733
 FEDERSPIG G: 1243
 FEDOROVA IUB: 4274
 FEDOSEEVA NA: 2374
 FEGOTOVA GA: 2403
 FEGLER K: 4737
 FEHER T: 1244
 FEHERTY PM: 2844
 FEHRENTZ D: 1245
 FEIGEN GA: 837
 FEINBERG SB: 1286
 FEINER RH: 1246
 FEINMAN RD: 1247
 FEIST DD: 1248
 FEIST P: 4893-4894
 FEKETE M: 2507
 FELBER JP: 1489, 1615, 3178
 FELDBAUM VA: 2539
 FELDMAN D: 2934
 FELDMAN F: 4193
 FELDMAN S: 2869
 FELDMANN G: 708
 FELDMANN HU: 1249
 FELEA V: 1495
 FELICETTI SA: 1250
 FELICETTI SW: 1251
 FELIG P: 1252
 FELIX A: 1253
 FELIX R: 1254
 FELL LR: 709
 FELLOWS RE: 4088
 FELTS JH: 1645
 FEMINO AM: 1255
 FENDEL H: 2353
 FENDLER JP: 1258
 FENNESSY J: 4768
 FENTANES DE TORRES E: 1257
 FENWICK JC: 1258-1259
 FERDMAN TD: 4471
 FERENCZY A: 508, 1260
 FERGER MF: 713
 FERGUSON DR: 1261
 FERGUSON JJ JR: 124
 FERGUSON KM: 823
 FERGUSON TM: 1262
 FERGUSON WW: 1263, 4321
 FERIN M: 4991
 FERMANDIAN S: 1032
 FERNANDEZ BB: 1842
 FERNANDO JB: 2545
 FERRAND B: 3188
 FERRANTE FL: 2225
 FERRARA L: 885
 FERRARESI RW: 2279
 FERREIRA SH: 3106
 FERRENDELLI JA: 1284, 1371
 FERTEL R: 1265
 FESTAL G: 652
 FESTENSTEIN H: 1729
 FEVE JR: 251
 FEVRE M: 4568
 FIALKOW PJ: 1266-1267
 FIASSE R: 1268
 FIBIGER HC: 1269

AUTHOR INDEX

FICHMAN MP: 1270
 FIDGE N: 1271
 FIELD CA: 1272
 FIELD HJ: 1273
 FIELD JB: 5004
 FIELD M: 1274
 FIEVEZ C: 3068
 FIGARELLA C: 826
 FIGURSKI A: 4429
 EL-FIKY SM: 1275
 FILARETOV AA: 1276
 FILIPOWICZ K: 1277
 FINCO DR: 1278
 FINE DL: 1279
 FINE M: 65
 FINEBERG SE: 1280
 FINGERMAN M: 1281
 FINGERMAN SW: 1281
 FINK G: 44
 FINKELSTEIN JW: 488
 FINKELSTEIN M: 1483
 FINKINSSTEIN IAD: 1282
 FINLAY MF: 1283
 FINN JE: 1284
 FINN JW: 2155
 FINN R: 1285
 FIORELLI G: 632, 1337-1338
 FIORETTI P: 1489
 FIRMINER HI: 4747-4748
 FIRSCHEIN IL: 4762
 FISCH RO: 1286
 FISCHBACH H: 431
 FISCHER E: 1287
 FISCHER EH: 1815
 FISCHER H: 1288, 2347
 FISCHER HU: 1289
 FISCHER PW: 1290
 FISCHER U: 1291
 FISEK NH: 1292
 FISHBEIN JF: 1293
 FISHBEIN MC: 1294
 FISHER ER: 1295
 FISHER G: 1984-1985
 FISHER GL: 1296
 FISHER JR: 1297
 FISHER JW: 3824
 FISHER RL: 1298
 FISHER WR: 1812
 FISHMAN PM: 3416
 FISSAN H: 3130
 FISUN SD: 4129
 FITKO R: 1299
 FITZHARDINGE PM: 1300
 FITZPATRICK RJ: 3153
 FITZSIMONS JT: 1195
 FJELLSTROM KE: 2706
 FLAKS A: 1739
 FLAMENBAUM W: 1301
 FLAMIGNI P: 628
 FLATBERG P: 1302
 FLAWIA MM: 4498
 FLEAR CT: 790
 FLECKENSTEIN A: 1303
 FLEISCH H: 1254
 FLEISCHER H: 1304
 FLEISCHER N: 1206
 FLEISCHER NS: 551
 FLEISHER MR: 942, 1305
 FLEMENBAUM A: 1306
 FLEMING AS: 1307
 FLENSBORG EW: 1308
 FLETCHER MA: 2646
 FLETCHER MR: 943
 FLETCHER RT: 3267
 FLINT AP: 93, 1309
 FLOREA I: 1310, 3615
 FLOREZ J: 1311
 FLOWER RJ: 1163, 1312
 FLUX DS: 3268
 FLYNN FV: 1313
 FLYNN JH: 2770
 FLYNN TJ: 1027
 FOA PP: 404
 FOCAN C: 4648
 FODOR J: 1314
 FOGEL PI: 591
 FOI AM: 1315
 FOKKENS W: 4452
 FOLCH H: 1316
 FOLEY TJ: 1317

FOLKERS K: 1964-1985, 2064
 FOLKMAN J: 1318
 FOLKOW B: 1319, 2754
 FOLLETT BK: 1320, 4876
 FOMINA TN: 1321
 FONG TP: 1322
 FONKALSUD EW: 1323
 FONTAINE J: 2606
 FONTAINE N: 1344
 FONYO A: 1324
 FONZO D: 1325
 FOOTE WC: 1976
 FOPPIANI E: 1540-1541
 FORABOSCO A: 938
 FORBES CD: 2037
 FORBES JM: 1328-1328
 FORD GD: 1859
 FORD J: 3622
 FOREJT J: 2061
 FOREST JC: 1329
 FORFAR JO: 21
 FORGACS S: 1330
 FORLEO L: 1331
 FORMAN BH: 1332
 FORMGREN B: 1333
 FORREST AP: 1334, 3060-3061, 4882
 FORREST JA: 674
 FORREST JC: 2916
 FORREST JH: 673
 FORSMAN PJ: 1335
 FORSMANN WG: 558
 FORSSMANN WG: 1662
 FORSTER FM: 3053
 FORSTER K: 1610
 FORSTER W: 1651, 3015, 3025, 4053
 FORTES PA: 1336
 FORTEZA J: 3341
 FORTI G: 632, 1337-1338, 3506
 FORTYNOVA J: 1339
 FOSHEE DP: 1106
 FOSSATI BELLANI F: 3193
 FOSSION E: 1217
 FOSSLER DE: 2698
 FOSTER JP: 889, 1340
 FOSTER RS JR: 1341
 FOTHERBY K: 1632, 4770
 FOUCHARD J: 1342
 FOULKS NB: 1343
 FOURNIER P: 1344
 FOURNIER PJ: 1345
 FOURREY JL: 3207
 FOWLER WM JR: 1346
 FOX DP: 1347
 FOX J: 1348, 4410
 FOX PK: 520
 FOX PS: 2232
 FRACCARO M: 1349, 2711
 FRACKIEWICZ S: 1350-1352
 FRAILEY J: 4561
 FRAIOLI F: 1528
 FRANCA NETO AG DE: 4679
 FRANCE JT: 1353
 FRANCHIMONT P: 394, 1354-1355, 1862
 FRANCIS MJ: 913
 FRANCO R: 982
 FRANCO-SAENZ R: 3508
 FRANCOIS B: 1356
 FRANCOIS J: 1357
 FRANCOIS R: 1358
 FRANK JS: 2559
 FRANK LH: 1359
 FRANK RN: 1360
 FRANK L: 3269
 FRANKEN L: 1153
 FRANKENDAL B: 1361
 FRANKENHAEUSER B: 136
 FRANKLAND M: 4189
 FRANKLIN DL: 4841
 FRANKLIN LM: 1362
 FRANKLIN RH: 2831
 FRANKLIN W: 1363
 FRANKS LM: 3743
 FRANTZ AG: 1364, 3311
 FRANZ HE: 512
 FRANZEN G: 1365
 FRANZEN LA: 4828
 FRANZOLINI L: 322
 FRASCHINI RC: 824
 FRASER H: 3421
 FRASER HM: 1366, 1677

FRASER IS: 205, 1367
 FRASER R: 2990
 FRASER RA: 662
 FRASER TR: 3303
 FRASIER SD: 1368
 FRATI L: 1369
 FRAUMENI JF JR: 1798
 FRAZIER WA: 1370-1371
 FRECK MD: 2743
 FREDERICK WC: 1372
 FREDRIKSSON T: 1373
 FREE CA: 1374
 FREEDBERG AS: 2137
 FREEDMAN RB: 3672
 FREEMAN MV: 1375
 FREESE E: 1534
 FREGNAN GB: 1376
 FREHN JL: 575, 4635
 FREI RW: 359
 FREIRE F: 1444
 FREIREICH EJ: 1850
 FREITAS FILHO G DE: 3846
 FRENCH FS: 1756
 FRENCH LR: 1377
 FRENCH RS: 1378
 FRENING B: 1379
 FRENJOY JP: 1380
 FRESHWATER DB: 2080
 FREULER F: 4239
 FREY H: 1381
 FREYCHET P: 1382, 2104
 FRICK J: 1383
 FRICKE R: 4896
 FRICKE U: 1807
 FRIED FA: 2163
 FRIEDEL T: 1384
 FRIEDEN E: 1385
 FRIEDMAN BI: 989
 FRIEDMAN HA: 1386
 FRIEDMANN G: 1387
 FRIEDRICH F: 1388, 2420
 FRIEDRICH U: 3282
 FRIEDRICH D: 1389
 FRIEND DG: 1390
 FRIES J: 1196
 FRIESEN GH: 365
 FRIESEN H: 1001, 2002
 FRIESEN HG: 363-364, 1164, 1345
 FRIESEN HG: 1391
 FRIESEN HG: 2924
 FRINDT G: 1392
 FRINDT-ZAJACZKOWSKA A: 2198
 FRINK RJ: 1393
 FRISCH B: 689
 FRISSELL WR: 1394
 FRISHMUTH GJ: 5008
 FRITEL D: 1256
 FRITH DA: 1395
 FRITSCH H: 2175
 FROELICH PM: 1672
 FROESCH ER: 2993
 FROHLICH H: 1396
 FROHLING W: 419
 FROLAND A: 1716
 FROLICH J: 4230
 FROLOV EP: 2848
 FROM SH: 2069
 FROMAGEOT P: 1032
 FROMMER J: 4177
 FROMMER PL: 2801
 FROSSLER H: 2395
 FROYSHOV D: 789
 FRUHMANN G: 4292
 FRYBERG M: 1397
 FRYDMAN B: 1399
 FRYDMAN M: 1398
 FRYDMAN RB: 1399
 FRYJORDET A: 3420
 FU YS: 739
 FUCHS AR: 1400
 FUCHS K: 147
 FUCHS MS: 4028-4027
 FUCHS S: 3166
 FUENTES AGUILAR R: 1401
 FUGE H: 1402
 FUGO NW: 614
 FUJIHIRA E: 1403
 FUJII T: 1404, 4445
 FUJINO M: 1405
 FUJISAKI T: 4156

AUTHOR INDEX

FUJITA H: 1408
 FUJITA T: 1407-1408
 FUJITA Y: 1409
 FUKASE M: 3406
 FUKS ZY: 3465
 FUKUDA N: 1410
 FUKUDA T: 1405
 FUKUSHIMA D: 4804
 FUKUSHIMA DK: 488
 FUKUYAMA H: 784
 FULGRAFF G: 1411
 FULLER CA: 1412
 FULLER GM: 540
 FULLILOVE SL: 1413
 FULTON RE: 350
 FUNCK-BRENTANO JL: 714
 FUNDER JW: 1414, 2934
 FUNES R: 1293
 FUNG WP: 1415
 FURIHATA R: 1416
 FURMAN AI: 1315
 FURMAN OA: 3974
 FURST A: 4078
 FURTH J: 4618
 FURUHJELM M: 1417
 FURUKAWA K: 1418
 FURUSAWA M: 1419
 FURUTA H: 1420
 FURUYA N: 4152
 FUSCO RD: 3041
 FUXE K: 1421, 2154, 2873
 FUZI M: 4427
 FYFFE WE: 1422
 FYLLING P: 769

G

GAARE G: 4974
 GABAY S: 18
 GABB RG: 1423
 GABBIANI G: 1424
 GABRIEL R: 1425
 GABRILOVE JL: 1426
 GABRYLEWICZ A: 1427
 GADZHIEV AA: 3231
 GAEDE K: 3827
 GAEDE P: 1426-1429, 3317
 GAETA J: 4681
 GAETANO G DE: 798
 GAGNE R: 1430
 GAGNON R: 854, 1431
 GAINER H: 240, 1432
 GAINES JF: 883
 CAISER H: 3889
 GAJDUSEK DC: 914, 1433, 1463
 GAJKOWSKI K: 1076
 GAL AE: 4453
 GAL EM: 1434
 GAL I: 1435
 GALABURDA M: 1436
 GALAEV IU: 1437
 GALAJ W: 573
 GALANTE LS: 831
 GALASINSKA-POMYKOL I: 1438
 GALAVINA OI: 1439
 GALBRAITH RF: 1440
 GALLIERI M: 1441
 GALE D: 369
 GALE G: 990
 GALEONE F: 3928, 3970
 GALIUTEVA GI: 1442
 GALLAGHER JC: 3
 GALLAGHER JR: 1977
 GALLANT S: 1443
 GALLANT TE: 2843
 GALLARDO MR DE: 1444
 GALLIEN CL: 1445
 GALLIMORE LB: 1446
 GALLISTEL CR: 284
 GALLO DG: 2589
 GALLO JT: 589
 GALLO RC: 3460
 GALLOWAY DG: 1447
 GALOYAN A: 2912
 GALSTER WA: 1248
 GALTON DA: 689
 GALTON DJ: 1530, 2119
 GALVIN C: 344
 GAMBARINI AG: 1448
 GAMBERINI G: 346

GAMBRELL RD: 593
 GAMLEN TR: 1589
 GAMMELTOFT S: 108
 GAN EK: 1449
 GANDELMAN R: 4406
 GANDOLFI C: 1089
 GANDZ AS: 1450
 GANEVAL D: 1451
 GANGAI MP: 4775
 GANT N: 1444
 GANT NF: 1452
 GANTHER HE: 742
 GAPONIUK PIA: 3360
 GARACI E: 1453
 GARATTINI S: 982
 GARAVAGNO A: 1454
 GARBRYLEWICZ A: 4323
 GARCIA JD: 1455
 GARCIA JF: 2370
 GARCIA MD: 3980
 GARCIA MORENO M: 3247
 GARCIA-WEBB P: 1313
 GARDEY-LEVASSORT C: 1456
 GARDINER PJ: 617
 GARDING S: 1457
 GARDNER AL: 4766
 GARDNER HA: 4145
 GARDNER WU: 3554
 GARDO S: 3458
 GAREL JM: 1458
 GARG LC: 1459
 GARIEPY G: 4532
 GARIEPY R: 2581
 CARLOV PE: 3602
 GARM O: 2751
 GARMUS AK: 3216
 GARNIER PE: 2124
 GARRETT ED: 1861
 GARRETT R: 4486
 GARRICK MD: 531
 GARRIDO J: 648, 4978
 GARRIDO M: 1460
 GARRIDO-RUSSO M: 1461
 GARRISON BM: 1462
 GARRUTO RM: 914, 1433, 1463
 GARTLER SM: 1464
 GARY-BOBO CM: 4856
 GAS N: 3310
 GASCON G: 1465
 GASINSKA T: 1466, 1477
 GASKELL P: 950
 GASSER DL: 1467
 GASSNER M: 1468
 GATTEREAU A: 1469
 GATTI RA: 1470
 GAUDIN D: 1471
 GAUNT R: 3651
 GAUTIER M: 1472
 GAUX JC: 1256
 GAVALLER I: 1473
 GAVRAS H: 1474
 GAVRILA I: 1475
 GAVRILOVA TM: 1676
 GAZZANIGA MS: 1476
 GBUREK Z: 1477
 GEAR AR: 1478
 GEARY CG: 1479
 GEBBIE T: 2926
 GEDDA L: 1480
 GEE BR: 1481
 GEELHOED GW: 1482
 GEENEN JE: 4264
 GEHANNO P: 2541
 GEHRZ RC: 1286
 GEIER A: 1483
 GEILER G: 2347
 GEISTHOVEL W: 3131, 4896
 GELATO M: 1619
 GELDER MG: 364-365
 GELIN LE: 37
 GELLER AN: 1484
 GELLER J: 1485
 GELLER S: 1486
 GELMAN MI: 1487
 GEMBICK M: 252
 GEMBICKI M: 2414
 GEMERT W VAN: 1488
 GENANT HK: 2860
 GENAZZANI AR: 1489, 1615
 GENEKKE IK: 940

GENNARI C: 647
 GENTIL CG: 3923
 GENTLEMAN S: 1490
 GENTON E: 1491
 GEOFFROY G: 2567
 GEORG J: 1492
 GEORGE DT: 1493
 GEORGE JC: 2131
 GEORGE R: 1494
 GEORGE WJ: 2018-2020, 3824
 GEORGESCU V: 1495
 GEORGIADOU DE: 2887
 GEORGIEV S: 1496
 GEORGIEVA M: 1497
 GEORGIEVA R: 1496
 GERALD MC: 4895
 GERALD PS: 1498
 GERASIMENKO PP: 1499
 GERASIMOVA EN: 1500
 GERBEAUX J: 2862
 GERBER AM: 1501
 GERBER J: 1069-1070
 GERDES H: 1133, 2702
 GERDSEN R: 370
 GERHARDS E: 4020
 GERISCH G: 1502
 GERLACH A: 1503
 GERLACH Z: 1503
 GERLOFF C: 4020
 GERMAN AL: 1938
 GERMAN DC: 1504
 GERMAN J: 1375, 4193
 GERMANIUK IAL: 1505, 1673
 GERRARD AM: 2152
 GERRARD JW: 1506
 GERSCH M: 1507
 GERSHEY EL: 1508
 GERSTL B: 4414
 GERTEN-BANES J: 4081
 GERVAIN M: 906
 GESER CA: 3176
 GESSA GL: 1509
 GESTHOVEL W: 4897
 GETHMANN JW: 3491
 GEWIRTZ GP: 2456-2457
 GHACHEM M: 1708
 GHARBO SA: 1510
 CHARIB H: 1511
 GHAZARIAN JG: 1512-1513
 GHEORGHE N: 3275
 GHERSI J: 279
 GHOSH ML: 1514-1515
 GHOSH NK: 1518-1517
 GHOSSEIN E: 951
 GHOURI MA: 1518
 GHOSIAN D: 1519
 GIACHETTI I: 3433
 GIACOMANTONE O: 681
 GIAMBER SR: 489
 GIANNATTASIO M: 1520, 2564
 GIANNPOULOS G: 1521
 GIANOTTI O: 354
 GIARD A: 1522
 GIARGIANA FA JR: 4840
 GIBB JW: 586
 GIBBERD M: 1523
 GIBBS MB: 4271
 GIBBS P: 1524
 GIBBS WP: 1525
 GIBSON DG: 1526
 GIBSON JP: 2651
 GIBSON R: 1527
 GIE P: 4006
 GIEREK A: 1528
 GIESSLER AJ: 303
 GIESSLER C: 3015
 GIFFORD RW JR: 1018
 GIJEN LM: 2655
 GIKAVYI VI: 1529
 GILARDEAU C: 353
 GILBERT CH: 1530
 GILBERT HG: 753, 1531
 GILL SS: 1741
 GILLARD-BARUH JH: 1532
 GILLETTE JR: 3007
 GILLI P: 1290
 GILMER KN: 3649
 GIMENEZ SERRANO H: 2918
 GIMMELREIKH NG: 1533
 GINSBURG E: 1534

AUTHOR INDEX

GINSBURG M: 1535-1537
 GINTHER OJ: 702, 1538
 GINTZLER AR: 1539
 GIORDANO G: 1540-1541
 GIORGI EP: 1542
 GIOVANNUCCI UZIELLI ML: 1543
 GIP L: 1544
 GIRARD J: 3237
 GIRARDI A: 4994
 GIRELLI ME: 610
 GIRCIS M: 1545
 GIRI SN: 897
 GIRNDT J: 1546
 GIROUD CJ: 4233
 GIROUD JP: 1547
 GISSELMANN A: 220
 GITOHO F: 738
 GIUDICELLI CP: 2601
 GIULIANO V: 2106
 GIUSTINA G: 3783
 GIVNER ML: 2084
 GJESDAL K: 1548
 GJONNAESS H: 1549
 GLACOBBI A: 610
 GLANVILLE H DE: 1550
 GLANZMANN C: 1551
 GLASER A: 4045
 GLASER F: 4022
 GLASER JH: 549
 GLASS D: 943, 1305
 GLASSMAN JM: 922
 GLAZ E: 4416
 GLEASON RE: 775
 GLEBOV BF: 1552
 GLEBOWSKA H: 1553
 GLEDHILL BL: 1698
 GLEISPACH H: 1554, 1703
 GLESS KH: 1555
 GLICK B: 1799
 GLICK S: 1585
 GLICK SD: 1556
 GLICK SM: 3526
 GLICKMAN SE: 408
 GLIEMANN J: 108
 GLIKMAN EV: 456
 GLORIEUX FH: 1557
 GLOSSMANN H: 1558
 GLOTH R: 1831
 GLOTOVA AV: 1241
 GLOVER TD: 3883
 GLOWACKI J: 315
 GLOWINSKI J: 3564
 GLOWINSKI S: 2184
 GLOZMAN VN: 460
 GLUKHOVETS BI: 3630
 GLUSA E: 1559-1560
 GOBEL D: 1561
 GOCH JE: 2644
 GODARD C: 1562
 GODFREY S: 1563, 2387
 GODING JR: 709, 1564
 GODKE RA: 1039
 GODOWICZ B: 1565
 GOEBEL FD: 1566
 GOEBEL KM: 1566
 GOEBEL R: 4975
 GOEBELL H: 1774
 GOEDEGEBUURE SA: 4822
 GOEL KM: 1567-1568
 GOETZ CG: 1569
 GOFF AK: 1570
 GOFFMAN G: 1571
 GOFMAN SM: 2425
 GOGAN F: 737
 GOLBERG L: 1572
 GOLD AS: 4189
 GOLD DE: 1627
 GOLD EM: 4189
 GOLDBERG A: 3118-3119
 GOLDBERG E: 2667
 GOLDBERG LD: 4308
 GOLDBERG LM: 1573
 GOLDBERG M: 3713
 GOLDBERG ND: 2475
 GOLDBERG SJ: 66
 GOLDBERG WM: 2785
 GOLDEN GS: 1574
 GOLDIE DJ: 3149, 4012
 GOLDIE I: 3552
 GOLDMAN AS: 297, 1575

GOLDMAN BD: 1576
 GOLDMAN J: 5010
 GOLDMAN JM: 689
 GOLDMAN M: 1296, 1818
 GOLDMAN MB: 1577
 GOLDSMITH I: 4982
 GOLDSMITH RS: 146, 2139, 3666
 GOLDSTEIN AM: 836
 GOLDSTEIN C: 273
 GOLDSTEIN MA: 1578
 GOLDZIMER EL: 1579
 GOLIKOV AP: 2666
 GOLLNICK PD: 4102
 GOLOSHCHAPOV AM: 2328
 GOLOVNIYA RV: 4268
 GOLSTEIN J: 2661
 GOLUBOFF LG: 1580
 GOLUDA M: 1581
 GOLUTVINA MM: 1582
 GOMBE S: 2248
 GOMES WR: 4015
 GOMEZ DE SALAZAR MD: 3382
 GOMEZ DE TEJADA A: 183
 GOMEZ-PERUN J: 3990
 GOMEZ-PUYOU A: 3483
 GOMEZ SAN MILLAN M: 183
 GONCALVES V: 4259
 GONCHARENKO EN: 1583, 4257
 GONDA D: 282
 GONICK HC: 1584, 2439
 GONNERMAN WA: 886, 3698
 GONTMAKER VM: 5012
 GONZALEZ P: 1019
 GONZALEZ ANSORENA R: 3892
 GONZALEZ-BARCENA D: 1585
 GONZALEZ-BARON S: 1586-1587
 GONZALEZ GUTIERREZ JT: 1588
 GONZALEZ VILCHEZ J: 3790
 GOOD TA: 4141, 4467
 GOOD W: 3706
 GOODALL EB: 656
 GOODBODY RA: 1589
 GOODING LR: 1590
 GOODMAN D: 2933
 GOODMAN DB: 964
 GOODMAN HM: 1595
 GOODMAN RM: 1398, 1705
 GOODNER CJ: 2365
 GOODWIN JF: 1591
 GOODWIN R: 3700
 GOOL J VAN: 1592
 GOOSSENS N: 1593
 GORAL R: 2364
 GORDEN P: 2801
 GORDIENKO OE: 3965
 GORDIN A: 1594
 GORDIN S: 5001
 GORECKI M: 4299
 GORIN E: 1595-1596
 GORINS A: 1597
 GORKIN VZ: 1598
 GORLIN RJ: 4125
 GORMAN RR: 1599
 GOROG S: 4428
 GOROWSKI T: 1600, 2120
 GORSKI RA: 1601, 3233
 GORZALEK BB: 1602
 GOSPODAROWICZ D: 1603
 GOSSER LA: 1510
 GOSTA HENRIKSSON K: 1457
 GOSWAMI SV: 1604
 GOSWAMI U: 969
 GOTHERT M: 1102
 GOTO I: 1605
 GOTO Y: 2505, 4091
 GOTOVTSOVA VA: 1606
 GOTTESMAN ME: 101
 GOTTLIEB C: 1607
 GOTTO AM JR: 1905
 GOTTSCHALK CW: 73
 GOTZ M: 2030
 GOTZE W: 2943
 GOTZEN R: 2714
 GOUDSMIT R: 4865
 GOULD RP: 57
 GOULD VE: 1608
 GOULIAN D JR: 1843
 GOVDENKO PF: 2520
 GOVSEVA NN: 1609
 GOWER DB: 2774

GOZARIU L: 1610
 GRABENSEE B: 3559
 GRABER JW: 840
 GRABIEC S: 3839
 GRABOWSKA M: 1611
 GRACE J: 848
 GRADE J: 3755
 GRADINARU E: 234
 GRADOWSKA L: 1612
 GRAF L: 1613, 2663
 GRAFF MM: 1614, 1872, 4837
 GRAGNOLI G: 1615
 GRAHAM CB: 4780
 GRAHAM EF: 2471
 GRAHAM H: 1616
 GRAHAM JH: 1617
 GRAHAM LS: 1618
 GRANATEK AP: 3650
 GRANDFILS F: 835
 GRANDISON L: 1619
 GRANGER P: 1620
 GRANT B: 232
 GRANT G: 596
 GRANT GF: 1621
 GRANT IW: 638, 842
 GRANT JK: 1542, 2377
 GRANT NH: 1622
 GRATTTAN J: 3075
 GRATZLOVA J: 3766
 GRAUER RC: 4375
 GRAY C: 1367
 GRAY CW: 4927
 GRAY D: 3716
 GRAY JH: 429
 GRAY P: 4795
 GRAYZEL AI: 1704
 GRAYZEL EF: 1623
 GRAZI E: 4576
 GRAZIANI F: 446
 GRDINA DJ: 274, 1624
 GREASER ML: 4936
 GREAVES MW: 4232
 GREBE SF: 1625
 GREBENNIKOV VA: 1626
 GREBNEV BI: 4130
 GREEN B: 1627
 GREEN DE: 1628
 GREEN K: 1629
 GREENAWALT JW: 294, 740
 GREENBERG E: 4516
 GREENE LA: 704, 2071
 GREENFIELD M: 1064
 GREENGARD P: 679, 797
 GREENSHER J: 1941
 GREENSPAN FS: 1630
 GREENSPAN G: 1631
 GREENSPAN JS: 4431
 GREENSPOON J: 4414
 GREENSTEIN BD: 1535-1537
 GREENSTEIN S: 1556
 GREENSTREET RA: 1632
 GREENWALD GS: 1633
 GREEP RO: 1634
 GREER MA: 68
 GREGERSEN E: 1635, 2569
 GREGORIO R: 1295
 GREGOROVA I: 4730
 GREGOROVA S: 2061
 GREIFER I: 3370
 GREIG WR: 1636
 GREIL W: 19
 GREIPEL M: 4189
 GREISS KC: 1637
 GRELLA A: 4024
 GRENIER J: 3008
 GRESCHUCHNA D: 2126
 GREVEN HM: 1638
 GREVSTEN S: 1639
 GREZE J: 3434
 GRI E: 1640
 GRIBNAU FW: 1641
 GRIEFAHN B: 1642
 GRIES FA: 1837, 2411
 GRIFFEL B: 149
 GRIFFEY MA: 1643
 GRIFFIN BW: 1644
 GRIFFITH MI: 1645
 GRIFFITH RK: 4895
 GRIFFITHS K: 715, 3062, 4882
 GRIFFITHS PD: 2820

AUTHOR INDEX

GRIGORAS O: 234
GRIMALDI S: 4080
GRIMELIUS L: 1639
GRIMM AS: 4884
GRINDLE M: 1646
GRINIO LP: 1647
GRIPENBERG J: 1648
GRIPOIS D: 3556
GRISHCHENKO KM: 1649
GRISHCHENKO VI: 1650
GRISMONDI GL: 4362
GROB D: 3232
GROB PJ: 1468
GRODZINSKA L: 1007, 1651
GROENENDIJK-HUIJBERS MM: 1652
GROENEVELD A: 3005
GROLLMUS J: 1653
GRONDALEN T: 1654
GROOM GV: 1873
GROOTE J DE: 1655
GROPP A: 4799
GROSS EL: 1656
GROSS F: 1555, 3546, 4987
GROSS M: 4611
GROSSI CE: 800
GROSSMAN GH: 428
GROSSMAN J: 3936
GROSSMAN JA: 1657
GROTA LJ: 25, 1658
GROTE G: 4737-4738
GROTHER G: 1956
GROTHAN HE JR: 1659
GRUBB MN: 599, 1660
GRUBBAUER HM: 1661
GRUBE D: 1662
GRUBER W: 1396
GRUDZIEN M: 1663
GRUENSTEIN M: 3356
GRUGLEWSKA T: 1748
GRUMBRECHT C: 1664
GRUNDNER HG: 1665
GRUNTIENS L: 4785
GRYGLEWSKI R: 1651, 1748
GRYNBAUM A: 2912
GSCHWANDTNER WR: 1666
GUBAREV EA: 1667
GUBETTA L: 1668
GUELSTEIN VI: 228
GUERIGUIAN JL: 1669
GUERIN J: 1670
GUERRE J: 1115
GUGLER R: 1671
GUGLIELMI G: 2368
GUHA A: 4107
GUILBAULT GG: 1672
GUILLOU JJ: 3786
GUILLEMIN R: 596
GUIGIS HA: 2773
GUITELMAN A: 279
GULA NM: 1673
GULDBERG HC: 4363
GULDNER FH: 1674
GULIA DI: 1675
GULIANTS ES: 1676
GULYI MF: 3048
GUMULKA W: 3767
GUNN A: 1366, 1677-1678
GUNNELLS JC JR: 4187
GUNTHER J: 1679-1680
GUNZEL P: 1207, 4020
GUPTA PC: 4313
GUPTA RL: 3177
GUPTA RR: 3177
GUPTA SC: 2996
GUPTA SP: 1681, 2492
GUPTA T: 731
GURAYA SS: 1682-1683, 4662
GURVICH NC: 4258
GUSAKOVA ET: 1606
GUSEL WA: 1684
GUSENOVA FM: 1200
GUSHTAN VI: 1685
GUSTAFSSON B: 470
GUSTAFSSON JA: 297
GUSTAVSON KE: 323, 1686
GUSTKE RF: 4264
GUTELIUS JR: 1481
GUTHRIE L: 1471
GUTMAN AB: 1687
GUTMANN F: 1688

GUTTADAURIA M: 3675
GUY AW: 710
GUY O: 826
GUZEK JW: 1689-1691
GVOZDEV VA: 37-38
GWAZDAUSKAS FC: 1692
GWINNER E: 1693-1694
GWINUP G: 1695-1696
GYE RS: 2297
GYERMEK L: 1697
GYGAX AP: 1698
GYIRES C: 1699

H

HAACK D: 1700
HAAKSHORST R: 17
HAAPALAHTI J: 4950
HAAS E: 1701
HAAS P: 1702
HABENER JF: 2075, 2273, 4089
HABERFELLNER H: 1703
HABERMANN ET: 1704
HABIB YA: 1744
HACK M: 1705
HACKENG WH: 499, 2710
HACKENTHAL E: 1700
HACKER P: 3011
HACKETT AJ: 3425
HACKETT ER: 1706
HACKLER RH: 3742
HACKSHAW BT: 99
HADDAD JG: 1707
HADDAD N: 1708
HADDEN JW: 806
HADDOW JE: 1436
HADJIOLOVA I: 1709
HADLEY JC: 70
HADZISELIMOVIC F: 4090
HADZIZYANNIS SJ: 2887
HAEFLIGER JM: 1710
HAEGER K: 1711
HAEN C DE: 1712
HAENDLE J: 1713
HAENLEIN GP: 4989
HAFFEN K: 3008
HAFFIEZ AA: 1714
HAFLIGER H: 4989
HAFT JE: 1715
HAGA H: 4432
HAGAN C: 4525
HAGEDORN M: 4385
HAGEL KF: 2836
HAGELE K: 2187
HAGEMANN G: 4071
HAGEMELER A: 2604, 3511
HAGEN C: 1716, 4524
HAGENBUCHLE O: 3918
HAGENFELDT K: 1717
HAGGENDAL E: 1168
HAGHBIN M: 1718
HAGIWARA S: 1719
HAHN L: 1720
HAHN RA: 1721
HAHN RG: 3091
HAHN TJ: 1722
HAIM S: 1723
HAIMOVICI H: 1724
HAIN JD: 4350
HAKANSON R: 1725-1726
HAKANSSON L: 1832
HAKSAR A: 2308, 2680
HALBERT D: 2133
HALER D: 1727
HALES CN: 1728
HALEY RL JR: 2831
HALIM A: 1729
HALL DJ: 1347
HALL K: 1730
HALL L: 3614
HALL LW: 3866
HALL MN: 1731
HALL PE: 43
HALL PF: 4146
HALL R: 1732, 3163, 4012, 4123
HALL TA: 4278
HALLAUER W: 1733
HALLBACK M: 1319, 2754
HALLBERG D: 932
HALLER J: 1734

HALLETT F: 848
HOLLO I: 1735
HALLOT-BOYER P: 381
HALMY L: 1244
HALNAN KE: 1636
HALTER D: 1100
HALUSHKA PV: 519
HAM EA: 2475
HAMADA M: 130
HAMANO S: 4943
HAMBLETON G: 1563
HAMBURGER C: 1736, 4322
HAMBURGER JI: 1580
HAMERSKI W: 1737
HAMET M: 406
HAMID J: 1738
HAMILTON BP: 3463
HAMILTON JM: 1739
HAMILTON T: 3060
HAMILTON W: 1740
HAMMACK WJ: 4080
HAMMER-HODGES DW: 3042
HAMMERLING U: 4731
HAMMERSTEIN J: 2738, 4066
HAMMOCK BD: 1741
HAMMOND RD: 1281
HAMMONDS RG JR: 1913
HAMPEL AE: 1188
HAMPEL R: 3729
HAMPEL C: 2594
HAMPEL CL: 3595
HAMPL R: 1742
HAMPTON JW: 1743
HANAFY MM: 1744
HANDA H: 1745
HANDA J: 1745
HANDLER JS: 59
HANIU M: 4463
HANKA M: 1555
HANLON J: 2864
HANNA J: 2783
HANNAH BO: 3817
HANNAPEL LE: 4347
HANNEMANN HR: 1746
HANNINEN O: 4643
HANO J: 587, 1747-1748
HANOCQ F: 493
HANOCQ-QUERTIER J: 493
HANOUNE J: 708, 2527
HANQUET M: 1749
HANSEL W: 1896
HANSELOVA M: 4620
HANSEN CT: 83
HANSEN EL: 585
HANSEN I: 567, 3198
HANSEN JM: 2752
HANSMANN I: 1750
HANSON R: 3321
HANSON RW: 4541
HANSSON KF: 1751-1754
HANSSON L: 1755
HANSSON LI: 4526-4527
HANSSON V: 1063, 1756
HAPP J: 1008
HAQ NU: 2377
HARADA M: 3225
HARADA Y: 1757
HARBISON RD: 4349
HARBURY CB: 1758
HARDCASTLE PT: 1163
HARDERS H: 1759
HARDIN JM: 3313
HARDISON W: 3084
HARDISTY RM: 1998
HARDMAN JG: 3495
HARDT N: 1760
HARDWICK DF: 1049
HARDY JC: 1761
HARDY RJ: 4839
HARELL A: 387
HARGIS GK: 1762
HARKONEN M: 1648
HARKONEN M: 4949
HARLAND WA: 3726
HARMS PG: 3361
HARNEY PJ: 4870
HARPER E: 746
HARPER ME: 715
HARRAN D: 184
HARRELL LE: 1763

AUTHOR INDEX

- HARRINGTON DP: 4840
HARRIS EJ: 1784, 4883
HARRIS GW: 365
HARRIS HL: 1765
HARRIS J: 849
HARRIS JS: 1766
HARRIS LS: 8
HARRIS-JONES JN: 1514
HARRISON BD: 1425
HARRISON DC: 1787
HARRISON EG JR: 1986
HARRISON FA: 706
HARRISON N: 2838
HARRISON PC: 1768-1769
HARRISON RG: 1770
HARRISON V: 1771
HART DM: 43
HART ER: 1104
HARTENBOWER DL: 803-804
HARTER H: 1612
HARTLEY TF: 1772
HARTMAN CR: 2743
HARTMANN F: 1773
HARTMANN G: 4505
HARTMANN JF: 793
HARTMANN N: 1964
HARTMANN W: 1774
HARTUNG A: 3346
HARTWIG HG: 1775
HASE T: 1823
HASHIMOTO K: 1776, 3385
HASHIZUME K: 3382
HASHIZUME T: 1777
HASSAN G: 4086
EL-HASSAN LA: 4675
HASSON HM: 1778
HASSOUN J: 764
HATA N: 1779
HATCH FE: 2612
HATFIELD JS: 1780
HATTERY RR: 2068
HATTWICK MA: 370
HAUBRICH DR: 1781
HAUCK G: 1782
HAUG M: 1783
HAUGEN HN: 1063
HAUPTFELD M: 1784
HAUPTFELD V: 1784
HAUS AG: 1785
HAUSER J: 1786
HAUSER R: 525
HAUSMANN E: 1787
HAUSMANN K: 1119
HAUSS WH: 1956, 4736-4738
HAUSSLER MR: 1788
HAUSTEIN KO: 271, 1789
HAVELKA J: 3888
HAVERS W: 1790
HAVIVI E: 1791, 2653
EL-HAWARY MB: 2288
HAWKER RW: 2879-2880
HAWKINS A: 3034
HAWKINS RD: 1792
HAWLEY WD: 2221
HAWTHORNE JW: 4999
HAWTREY CE: 1793
HAY GG: 1794
HAYAISHI O: 1795
HAYAKAWA T: 2200
HAYASHI K: 1796
HAYASHI M: 4941
HAYDEN GE: 1797
HAYDEN-OTTO MP: 3416
HAYES C: 948
HAYES HM JR: 1798
HAYNES NB: 3667
HAYNES RL: 1799
HAYWARD JL: 3076-3077
HAYWARD P: 1800
HAZAN E: 1115
HEADING RC: 673-674
HEALY MJ: 1313
HEAP RB: 706, 2115
HEATH RG: 1801
HEATON FW: 1802
HEBERT CS: 1803
HEBERT L: 1293
HECHT K: 1804
HECHT T: 1804
HEDNER P: 103
HEDNER U: 1805
HEDQVIST P: 1209, 1806
HEDRICK JL: 4933
HEEDMAN PA: 4343
HEERDEN JS VAN: 3279
HEESON D: 1807
HEFCO E: 2465
HEFFNER LT: 3082
HEHRMANN R: 1808, 3113
HEIDBREDE E: 1809-1811
HEIDLAND A: 1809-1811
HEILBRONN YD: 269
HEILMAN KM: 1812
HEIMPEL H: 1813
HEIN J: 1665
HEINEMANN R: 328
HEINEMANN S: 4054
HEINRICHS HR: 1814
HEINRICHS WL: 4432-4433
HEINRIKSON RL: 2322
HEINTZ R: 3540
HEINZE V: 1814
HEIZMANN CW: 1815
HELANDER HF: 1816
HELFFENSTEIN U: 3237
HELLEINER CW: 1817
HELLER RH: 1768, 3464
HELLERSTROM C: 3841
HELLEWELL AB: 1818
HELLMAN L: 488, 4804
HELLSTROM I: 1819
HELLSTROM KE: 1819
HELMCHEN U: 1820
HELME RD: 1821
HELMREICH EJ: 3663
HEMENWAY WG: 1822
HEMKEN RW: 3705
HEMMATI S: 1823
HEMPTINE D DE: 3589
HEMS G: 293
HENDEE JR JR: 3088
HENDERSON F: 1824
HENDERSON IC: 1825
HENDERSON IW: 1826
HENDERSON NB: 189
HENDERSON RG: 3911
HENDERSON WJ: 1762
HENDRICKS S: 2816, 3600
HENDY GN: 2284
HENEIN RR: 894
HENKIN RI: 578
HENKIND P: 1827
HENNAM JF: 1828
HENNEMAN PH: 4308
HENNEMANN H: 1810
HENNESSY DR: 3654
HENNEY CS: 1829
HENNIG I: 1830
HENNIG W: 1830
HENNING HV: 1831
HENRIKSSON KG: 2218
HENRIKSSON P: 1832
HENRY K: 2887
HENRY SC: 1833
HENSLEY CN: 1834
HENSCHER V: 1835
HERBACZYNSKA-CEDRO K: 1836, 2094
HERBERG L: 1837
HERBERT J: 1062
HERBUTE S: 473, 3375
HERING K: 2266
HERLITZ H: 1838
HERMAN EH: 1839
HERMAN L: 1728
HERMAN RH: 2744
HERMAN ZS: 2349
HERMANN P: 381
HERMESMEYER M: 1840
HERMRECK AS: 1841
HERNANDEZ A: 649
HERNANDEZ F: 1586-1587
HERNANDEZ FJ: 1842
HERNANDEZ L: 1968
HEROUT V: 5004
HERR JC: 2925
HERR N: 1843
HERRENKOHL LR: 1844-1845
HERRERA E: 3112
HERRERA JUSTINIANO E: 183
HERRERA POMBO JL: 1846
HERRMANN J: 1847-1848, 2624
HERRMANN WL: 4432
HERSCHMAN BR: 1849
HERSH EM: 1850
HERSHEY HV: 1851
HERTELENDY F: 1852-1853
HERTOGHE J: 1584
HERTZ M: 1398
HERWIG KR: 1854
HERXHEIMER A: 1855
HERZIG I: 1139
HERZOG KA: 1856
HESCH RD: 1857-1858, 1969
HESS B: 1502
HESS JJ: 4484
HESS ML: 1859
HESS O: 1860
HESS SC: 1656
HESSA A: 2344
HESE RH: 1788, 3512
HETZEL BS: 4318, 4811-4812
HEWBERRY WE: 1861
HEWITT GM: 1847
HEYDE MN VAN DER: 504
HEYL HL: 669
HEYMANN W: 2851-2852
HEYNNEN G: 1862
HIATT WR: 3966
HICKLER RB: 775
HICKS JJ: 922
HIDAKA H: 1863, 2054
HIEBERT JM: 1864
HIERSCH HD: 1961
HIGBY DJ: 1865
HIGGINS GL: 2843
HIGGINS J: 2882
HIGHNAM KC: 1866
HIGUCHI A: 2241
HIGUCHI K: 3140
HIGUCHI T: 2242-2243
HIKITIN AF: 2518
HILAL SK: 3430
HILDERSON HJ: 1033, 1867-1869
HILGARD P: 1870
HILGER F: 1847-1848
HILL CA: 1285
HILL DF: 4724
HILL DR: 1871
HILL JB: 2691
HILL R: 1980, 3502-3503
HILL RT: 1614, 1872, 4837
HILL TJ: 1273
HILLIARD J: 2203
HILLIER K: 556
HILLIER R: 246
HILLIER SG: 1873
HILLMAN EA: 1279
HILTON BP: 1874
HILZENS AUER G: 1875
HIMANEN P: 2906-2907
HIMATHONGKAM T: 1064
HIMMELSBACH H: 1876
HIMMS-HAGEN J: 3169-3170
HINCHEY H: 2079
HIND G: 1877
HINDE RA: 1878
HINDELANG-GERTNER C: 998
HINE JE: 1976
HINES HC: 4989
HINES R: 1879
HING FAI MOO: 3831
HINKLE PM: 1880
HINSBERG WC VAN: 543
HINSDALE JC: 1881
HINTERBERGER H: 1882, 1979
HIPKIN LJ: 961, 1883
HIRABAYASHI T: 1884
HIRAI M: 1885
HIRAMATSU Y: 1886
HIRANO T: 4437
HIRATSUKA K: 2976
HIRCHE H: 1249
HIROI M: 1887-1888, 2241
HIROSE F: 1294
HIROSE T: 7
HIROTA Y: 1889
HIROTSU Y: 872
HIRSCH H: 4265
HIRSCH J: 2922
HIRSCH W: 4745

AUTHOR INDEX

HIRSCHE BL: 1890
 HIRSCHMANN R: 303
 HIRSCHHORN K: 2281, 2299
 HIRSCHMANN H: 3703
 HIRSCHOWITZ BI: 1527
 HISADA S: 2049
 HISSEY P: 3355
 HITTELMAN WN: 1891-1892
 HITZSCHKE B: 3031
 HJALMARSON A: 30
 HJERN B: 933
 HLAVACEK V: 1893
 HO BT: 1894
 HO KJ: 1895
 HOAGLAND MB: 4438
 HOAGLUND F: 2073
 HOARE MV: 842
 HOBBS SH: 2911
 HOBSON B: 4850
 HOBSON W: 1896
 HOCH HC: 1897
 HOCHBERG RB: 1898
 HOCKADAY TD: 2841
 HODEL C: 525
 HODGES JR: 579-581, 1899
 HODGINS DS: 2500
 HODGKINSON A: 1772
 HOEHN H: 1900
 HOEKSTRA D: 1901
 HOEKSTRA WG: 742
 HOEL E: 1902
 HOELDTKE R: 1903-1904
 HOFELDT FD: 2743
 HOFER H: 1875
 HOFER R: 342
 HOFF HF: 1905
 HOFFER BJ: 410
 HOFFMAN DL: 1343
 HOFFMAN JF: 1396
 HOFFMAN SB: 2267
 HOFFMANN A: 1560, 2672
 HOFFMANN G: 19
 HOFFMANN J: 2342
 HOFMANN AF: 2405
 HOFMANN S: 1906
 HOGAN L: 1444
 HOGAN ML: 3998
 HOHAGE R: 1870
 HOHF JC: 707
 HOHLING HJ: 1907
 HOISAETER PA: 1908
 HOKFELT B: 3293
 HOKFELT T: 1421
 HOLADAY WJ: 1909
 HOLLAND DT: 1340
 HOLDAWAY IM: 1910-1911, 2441-2442
 HOLDER WD JR: 1912
 HOLICK MF: 315, 4632
 HOLKE M: 4175
 HOLLADAY LA: 1913
 HOLLAND DT: 1877-1878, 2109
 HOLLAND JF: 1865
 HOLLAND NH: 1914
 HOLLANDER CS: 413, 1958
 HOLLANDER FC DEN: 487, 1915
 HOLLERNBERG NK: 1916
 HOLLEY A: 3433
 HOLLISTER AS: 1917
 HOLMAN BL: 2210
 HOLMER I: 1066
 HOLMES EW JR: 1918
 HOLMES RA: 2210
 HOLMES WN: 1919
 HOLMS WH: 1920
 HOLST PE: 1921
 HOLZ RW: 1922
 HOLZER H: 4994
 HOLZGREVE H: 576
 HOLZMANN K: 1923
 HOLZNER JH: 1388
 HOMMES FA: 1901
 HOMOKI J: 1238
 HOMSLEY E: 1700
 HONGSLO CF: 1924
 HONIG M: 4300
 HONMA M: 1925
 HONMA Y: 750, 1926
 HONNEBER WJ: 1927-1928
 HOOD CI: 723
 HOOF C: 1929

HOOK J: 3149-3150, 3152
 HOOK JB: 3192
 HOPE WC: 941
 HOFFENBECK A: 2593
 HOPGOOD MF: 4541
 HOPWOOD NJ: 1930-1931
 HORAI T: 4481
 HORDER M: 1932
 HORGAL L: 1933
 HORGAN ED: 1934
 HORI H: 4882
 HORI T: 1935, 3078
 HORIKAWA N: 3992
 HORN AS: 1936
 HORN H: 1483
 HORN Y: 1937
 HORNING EC: 1938
 HORNING MG: 1938
 HORNSBY PJ: 1939
 HORNYKIEWICZ O: 378
 HOROWITZ DK: 1940
 HOROWITZ JM: 1412
 HOROWITZ R: 1941
 HORROBIN DF: 1942, 1980, 2840, 2878
 HORSCH W: 1943
 HORST HJ: 1944
 HORST W: 1551
 HORTON PW: 4234
 HORTON R: 1270
 HORVAT B: 1295
 HORVATH E: 2424
 HORVEN I: 1945
 HORWITH M: 4193
 HORWITZ BA: 1412
 HORWITZ DA: 1946
 HORWITZ H: 1983
 HOSODA K: 49
 HOSOKI H: 1947
 HOSOTANI M: 3132
 HOSOTA N: 3368
 HOSZOWSKA A: 1948
 HOTTA K: 127
 HOTZ J: 4988
 HOUE M: 1949
 HOUSE WA: 4808
 HOUVENAGHEL A: 3515
 HOUWINK B: 3005
 HOVE K: 1950
 HOWARD J: 880
 HOWARD MA: 1998
 HOWARD RB: 1035
 HOWARD RG: 1372
 HOWELL RR: 1951
 HOWENSTINE JA: 1952
 HOWIE PW: 1953
 HOWLAND BE: 1954-1955
 HOWLETT DR: 447
 HOYER LW: 920
 HREIDARSSON AB: 3282
 HRUBESCH M: 1840, 1956, 4736-4738
 HRYCAY EG: 1957
 HRYSZKO S: 1438, 3575
 HSIE AW: 3399
 HSIN-HSIUNG-TAI: 1958
 HSU KC: 4991
 HSU LL: 1959
 HSU LY: 2281, 2299
 HSU SY: 4895
 HUANG AS: 3438
 HUANG FS: 3266
 HUANG KC: 721
 HUANG TF: 1960
 HUBAY C: 1295
 HUBER A: 1961
 HUBER TL: 1962
 HUBER W: 2802
 HUBERMAN JA: 1963
 HUBERT E: 493
 HUBLER J: 2269
 HUBNER G: 1964
 HUDSON MJ: 1965
 HUDSON RW: 1966
 HUDSON T: 1024
 HUEBNER E: 1967
 HUFF JE: 1968
 HUFFMAN JH: 69
 HUFNER M: 1969
 HUGGINS CB: 3738
 HUGHES DW: 1970
 HUGHES JA: 2704

HUGHES JT: 1971
 HUGHES R: 898
 HUGUENIN A: 3188
 HUGUES J: 1972
 HUH TY: 1817
 HUHTANIEMI I: 1973-1974
 HUIDOBRO-TORO JP: 1975
 HUIJING F: 3046
 HUIS IN T VELD LG: 3899
 HUISMANS JW: 3899
 HULET CV: 1976-1977
 HULL DS: 1978
 HULL RD: 1979
 HULME EC: 1980
 HULTBORN R: 1838
 HULTH AG: 598
 HUM VG: 1981
 HUMBEL RE: 2993
 HUME RB: 999
 HUMES JL: 1982
 HUMMEL BC: 1983
 HUMPHRAY HP: 1802
 HUMPHREYS P: 1166
 HUMPHRIES J: 1984-1985
 HUNGER R: 881
 HUNT EL: 821
 HUNT JC: 1986
 HUNT JP: 1987
 HUNT RC: 1988
 HUNT RM: 539
 HUNT WA: 1989
 HUNTER P: 3163
 HUNTER PR: 1990
 HUNTER WM: 1991, 2042-2043, 4554
 HUNZIKER N: 1110
 HURD ER: 2106
 HURLEY JF: 459
 HURLEY LS: 3194
 HURLIMANN J: 1489
 HURST JG: 1992
 HUSK P: 1993-1994
 HUSK M: 3162
 HUSSEY HH: 1995
 HUSTVEDT BE: 50, 1924
 HUTCHINS M: 1206
 HUTCHINSON JR: 457
 HUTCHISON G: 1527
 HUTCHISON JC: 1996
 HUTH K: 1997
 HUTTON RA: 1998
 HUTTON WN: 1999
 HUTTUNEN M: 4949
 HUXLEY HE: 2000-2001
 HUYSER T: 501
 HWANG P: 2002
 HWANG TC: 2003
 HYBASEK P: 3001
 HYLAR R: 3045
 HYMAN AL: 2170
 HYMER WC: 2004, 2437
 HYNDEK RA: 1978
 HYNIE S: 2338
 HYPFPA M: 2005

IACOBELLI JA: 3239
 IACOBELLI S: 493
 IAKHIMOVICH RI: 2501
 IANCU T: 2006
 IANNETTI P: 2007
 IANUZZO CD: 4102
 IAROSHENKO NA: 2008, 2330
 IATSYK MI: 3026
 IAVICOLI M: 107
 IBAYASHI H: 2009
 IBER FL: 3976
 IBRAIMOV AI: 4973
 ICEKSON I: 2249
 ICHIDA S: 2010
 ICHII S: 2011
 ICHIKAWA S: 2012
 IDE M: 3078
 IELA L: 752
 IERUSALIMSKII IG: 1676
 IFFT JD: 2013
 IFRIM M: 2014
 IGARASHI M: 4458
 IGARASHI Y: 2015
 IGDAL LG: 3105

AUTHOR INDEX

IGIC R: 2016
IGNARRO LJ: 2017-2020
IHAYASHI H: 2021
INO S: 2022
INO M: 4943
IKEDA A: 2011
IKEDA H: 1191
IKEDA M: 4091
IKEGAKI S: 2490
IKKOS DG: 2023, 2665
IKOMA H: 2024
IL'ENKO TI: 1499
ILIEV G: 2025
ILTIN LA: 2026
ILTNA GN: 4968
ILTNA VI: 405
ILLIANO G: 2027
ILLIUS AW: 3667
IMAI S: 3369
IMAZUMI S: 4464
IMBLUM RL: 2028
IMLER M: 2029
IMMER HU: 2030
IMPING G: 3746
IMRICH BJ: 697
IMURA H: 4091
INABA Y: 2805
INAGAKI C: 2056
INATOMI N: 2031
INDERMUHLE P: 1081
INDIVERI F: 2032
INFELISE VE: 3764
INGBAR SH: 180, 3625, 4641
INGEBRETSEN C: 3055
INGENBLEEK Y: 2033-2034
INGLIS A: 3170
INGLIS AS: 2035
INGRAM DL: 2036
INGRAM GI: 2037
INOUE A: 4619
INOUE H: 4943
INOUE K: 1191, 2038
INOUE T: 1409
INOUE Y: 2053
INOUE Y: 2053
INOUE Y: 2053
INSKEEP EK: 2658-2659
INSLER V: 2756
INTORP HW: 4477
INVERNIZZI B: 643
IONESCU V: 3684
IONESCU-PIRVU V: 4396
IRIE H: 2039
IRIE M: 2038
IRIMAJIRI A: 4619
IRINO S: 2040
IRONIS JS: 3494
IRVINE CH: 2041
IRVINE WJ: 249, 2042-2043, 2048, 4553-4554
ISAAC GJ: 4998
ISAACSON L: 3676
ISAIA GC: 3097
ISAKOV IUF: 2044
ISHIHARA T: 2045
ISHIKAWA N: 4597
ISHIMARU T: 783
ISHIZAKI M: 2046
ISIDORI A: 1082, 1528, 2047
ISITMAN AT: 2210
ISMAIL AA: 2042-2043, 2048
ITO H: 3395, 3994
ITO I: 4404
ITO K: 2049, 2932
ITO M: 2050-2051, 4404, 4464
ITO N: 2052
ITO S: 2053
ITO T: 2054, 2168, 2412, 3324
ITO Y: 2055
ITO Z: 4144
ITOKAWA Y: 2056, 2305
ITSKOVITZ HD: 2057
ITTYCHERIAH PI: 308
ITURRI G: 4815
IUDAIEV NA: 2058
IUNDA IF: 2059-2060
IVANOV AI: 2380
IVANOVSKAIA SV: 2425
IVANYI P: 2061
IVERSEN LL: 2062
IVERSEN WW: 391
IVERSON SD: 2940

IVKOVIC L: 3343
IWADO K: 2063
IWAMA M: 1409
IWAMOTO T: 49
IWAMOTO Y: 2064
IWAOKA H: 4940
IWASAKI H: 2053
IWASAKI Y: 4441
IWASAWA H: 2065
IWATA H: 2217
IYANAGI T: 2066
IZAWA S: 1877
IZUMI H: 2067

J

JABLONSKI K: 1069-1070
JACK MI: 1954
JACKEL A: 1943
JACKMAN SJ: 2068
JACKSON AG: 2428
JACKSON MA: 2428
JACKSON RL: 1905
JACKSON RW: 3550
JACOBEN N: 2069
JACOBI H: 2216
JACOBI J: 958, 2707
JACOBOWITZ DM: 2070-2071
JACOBS BL: 2072
JACOBS CH: 2073
JACOBS EM: 4835
JACOBS HS: 2074, 2118
JACOBS JW: 693, 2002, 2075
JACOBSON GM: 2076
JACOBSON WZ: 2635
JACOBSON B: 934
JACOBSSON H: 2077
JACOBY JH: 2078
JACOMB RG: 2079
JACOPINO GE: 219
JACQUEMIN C: 2544
JACQUES S: 3080
JACQUET G: 4330
JACQUOT C: 2081
JACQUOT R: 3592
JAFKE BW: 2082
JAFKE B: 4377
JAFKE BM: 2083, 4508
JAFKE J: 1705
JAFKE N: 680
JAFKE P: 3387
JAFKE RB: 439, 2280, 4966
JAGARINEC N: 2084
JAGIELLO-WOJCIOWICZ E: 2334
JAHNECKE J: 2085
JAHRMARKER H: 3677
JAIN NC: 670
JAKO J: 2086
JAKUPCEVIC M: 2087
JALUVKA V: 2088
JAMES DG: 2089
JAMES FM: 1645
JAMES G: 688
JAMES SR: 3402
JAMES TN: 2090
JAMES VH: 106
JAMES WH: 2091-2092
JAMESON RM: 2093
JAMINET F: 1835
JANA S: 4454-4455
JANCZEWSKA H: 1836, 2094
JANEZKO J: 2095
JANIC V: 3556
JANICKA D: 3725
JANKOWIAK R: 2096
JANNE O: 2097
JANNEAU C: 4642
JANSSON SE: 1648
JANUSZEWICZ W: 921
JANUSZKIEWICZ-MIELECKA K: 2098
JANZIK W: 4987
JAPUNDZIC I: 2099
JAPUNDZIC M: 2099
JAQUES C: 2100
JAQUES R: 3897
JAQUET P: 2101
JAQUETTE DL: 599
JAREM BJ: 2102
JARETT L: 2811
JARRET A: 4018

JARROTT B: 2103
JARROUSSE C: 2104
JARVINEN PA: 2105
JARVIS JE: 4345
JARVISALO JO: 48
JASIN HE: 2106
JASSANI M: 384
JASTRZEBSKI M: 254
JASZCZAK P: 2107
JASZCZENKO S: 4489
JAVIERRE MQ: 2678
JAWORSKI ZF: 3716
JAYARAM L: 2854
JAYLE MF: 857, 3329
JEFFCOATE CR: 1513, 2108
JEFFCOATE SL: 1159, 1340, 1677-1678, 2109
JEFFCOATE WJ: 1677, 4291
JEFFERYS DB: 2110-2112
JEGGER O: 4890-4891
JELENKO C SD: 2113
JEMMALI M: 2114
JENICEK JA: 2102
JENKE B: 2237
JENKIN G: 2115
JENKINS DJ: 4668
JENKINS EC: 911
JENKINS GN: 4482
JENKINS ME: 1335
JENNER D: 3062
JENNESS R: 2116
JENNETT S: 3762
JENSEN LS: 720
JENSEN SE: 34
JEPPSSON S: 155
JEPSON JH: 2117
JEQUIER AM: 2118
JEQUIER E: 3176
JEROMIN L: 3500
JERUMS G: 2119
JESKE W: 2120
JESPERSEN D: 2319
JESSE RH JR: 3973
JESSUP R: 2136
JESSUP S: 2136
JEWERS K: 414
JEZEWSKA-MUSIAL M: 3500
JIANN-NAN C: 3995
JIMENEZ J: 1460
JIMENEZ TREVIÑO M: 3840
JIMENEZ-VARGAS J: 1586-1587
JIMERSON SD: 2121
JINGA V: 3276
JIRKOVA R: 3001
JOB DD: 2122-2123
JOB JC: 2124
JOBBA G: 2125
JOBERT ME: 4173
JOBSIS AC: 1927
JOBST C: 4448
JOCHER B: 2126
JOHANNESSEN J: 2127
JOHANNSSON B: 2128
JOHANSSON A: 2129
JOHANSSON H: 1379
JOHANSSON R: 30
JOHN B: 2130
JOHN TM: 2131
JOHNSON A: 2132
JOHNSON AK: 1195
JOHNSON AT JR: 2133
JOHNSON DG: 2134
JOHNSON EM: 1371
JOHNSON G: 1147
JOHNSON GE: 569
JOHNSON GS: 2135
JOHNSON HN: 370
JOHNSON IE: 3003
JOHNSON JG: 2612
JOHNSON M: 2136
JOHNSON PC: 2596
JOHNSON PN: 2137
JOHNSON RA: 3578-3579
JOHNSON RE: 4961
JOHNSON RL JR: 3074
JOHNSON WG: 2138
JOHNSON WJ: 2139
JOHNSTON CC JR: 4236
JOHNSTON RR: 2140
JOHNSTONE FD: 2141-2142

AUTHOR INDEX

JOINER PD: 2170
JOLIN T: 2143
JOLLES J: 1870, 3332
JOLLES P: 1870, 3332
JOLLEY DJ: 1794
JOLLEY WB: 4044
JOLMA VH: 1893
JONES CD: 2144
JONES D: 929
JONES DD: 261, 2145
JONES DJ: 2146, 2916
JONES GE: 2147
JONES GH: 2148
JONES GS: 51, 2149
JONES HW JR: 3464
JONES JB: 2150
JONES MT: 564
JONES NS: 2547-2548
JONES OT: 3621
JONES RC: 1831, 2151
JONES RE: 2152
JONES SJ: 2153
JONES T: 3082
JONSSON CE: 150
JONSSON G: 2154, 2674
JORDAN J: 249
JORDAN WP JR: 2155
JORDANO J: 2156
JORGENSEN CB: 2157
JORGENSEN EC: 2158
JORGENSEN H: 2159
JORGENSEN NA: 4632
JORULF H: 1686
JOSEFSBERG Z: 2160
JOSENHANS G: 1879
JOSEPH K: 1133
JOSEPH S: 756
JOSEPH SA: 2350-2351
JOSEPH T: 57
JOUVET M: 4331
JOWSEY J: 625, 2139, 3784
JUAREZ ALONSO S: 3362
JUBIZ W: 2161, 4561
JUDD BH: 2162
JUDD ES: 3093
JUDET C: 193
JUDGE T: 2377
JULES R: 4761
JULIAN JA: 730
JULIAN WA: 2163
JULIANO RL: 2164
JULIEN MA: 1000
JULIEN RM: 2239
JULIUS S: 1319
JULLIENNE A: 3160
JUNGERS P: 4996
JUNGHAGEN P: 1361
JUNGSMANN RA: 3298
JUNKERS K: 1814
JUNSTAD S: 4819
JUORIO AV: 2165
JURCOVICOVA J: 4692
JURZ G: 4926
JUST G: 1431
JUST H: 2166
JUST HJ: 3562
JUTISZ M: 2167
JUTZLER GA: 4041

K

KAALLEN JG: 4452
KABISCH K: 4794
KABOK A: 3283
KACHANOVA EM: 2227
KACHI T: 2168
KACZMAREK LK: 2169
KADATZ R: 512
KADOWITZ PJ: 2170
KAFFARNIK H: 1566
KAGAN A: 3526
KAGAN AR: 2171
KAGANOV VM: 4664
KAGAWA K: 2172
KAGEURA E: 2173
KAHL S: 3922
KAHN A JR: 2174
KAHN CR: 2801, 2993
KAHN G: 2399
KAICK G VAN: 2175

KAIRENTO AL: 2176
KAISER H: 2177-2178
KAISER JE: 4044
KAJANOJA P: 2179
KAJI T: 3963
KAJUBI SK: 2180
KAKIMOTO Y: 3079
KAKIUCHI S: 3079-3080
KALACHEV GA: 2181
KALAMKARIAN AA: 4229
KALDOR A: 2182
KALE VR: 2183
KALEV G: 3215
KALICINSKI A: 2184, 4368
KALIFAT R: 690
KALINER M: 2185
KALINSKAIA LM: 3044
KALIR R: 2186
KALISCH WE: 2187
KALIUZHIN GA: 4674
KALLAY K: 2182
KALLEE E: 390, 2188
KALLELA K: 2189
KALRA P: 2190
KALRA PS: 2782
KALRA SP: 2782
KALUS-WITKOWICZ H: 2371
KALUZA J: 4309
KAMBERI IA: 2191
KAMBLE AB: 2192
KAMBOJ VP: 2193, 4204
KAMEDA Y: 2194
KAMEMOTO FI: 4605
KAMINO K: 2195, 4619
KAMINSKI K: 2961
KAMIYA I: 784
KAMIYA T: 2049, 2196
KAMIYOSHI M: 4462
KAMPF D: 2197
KAMPMANN JP: 2752
KANABUS P: 2198
KANAGASABAPATHY AS: 2199
KANAMORI T: 2200-2201
KANAZAWA S: 4555
KANAZIR D: 4571
KANBAYASHI Y: 49
KANBOUR AI: 3964
KANDEL G: 4753
KANEKO M: 4445
KANEKO T: 2202, 5006
KANEMATSU S: 2203
KANG SH: 4027
KANG SS: 557
KANI T: 2052
KANJE M: 1157
KANKOVA D: 4716-4717
KANNAN V: 3723-3724
KANTA C: 3933
KANTOR HS: 2204-2205
KANY L: 2208
KAO FT: 2206, 3493
KAPEN S: 488
KAPLAN AL: 20
KAPLAN GB: 2207
KAPLAN HG: 2208
KAPLAN I: 1508
KAPLAN NN: 2209
KAPLAN WD: 2210
KAPPAGODA CT: 2211
KAPPUS H: 436
KAR AB: 2193
KARAMYSHEV VD: 2212
KARAULOVA LK: 2213
KARCZ J: 2214
KARCZMAR AG: 2215
KARG H: 4014
KARIEVA EA: 2293
KARIKA Z: 4427
KARIM SM: 1415
KARITZKY D: 2216
KARIUCHI S: 4501
KARIYA K: 2217
KARLAGANIS G: 2557
KARLBERG BE: 2218
KARLBERG P: 1189
KARLE A: 1091
KARLSSON I: 71
KARLTORP N: 1544
KARMA P: 3445
KARMILOVA VA: 591

KARMILOVA VO: 1649
KARNICKA-MLODKOWSKA H: 2359
KARO K: 2021
KAROLY K: 3873
KARPENKO EI: 2059
KARPOCHEVA OG: 4408
KARR RM: 787
KARZEL K: 3548, 4046
KASANEN A: 2586
KASAOKA LD: 2219
KASHGARIAN M: 4372
KASS L: 2220
KASTIN AJ: 1164, 1585, 2221-2222, 4012-4013
KASUYA Y: 4772
KATARIA YP: 2223, 2855
KATAYAMA K: 3227
KATIRA OP: 4206
KATO G: 1935, 3078
KATO J: 1404
KATO K: 2009
KATO R: 2306
KATO S: 4939
KATO T: 2054
KATO Y: 1777, 2224
KATOMSKI PA: 2225
KATORI M: 1757
KATOWITZ JA: 2247
KATSH GF: 2226
KATSH S: 2226
KATSICHTIS P: 2023
KATSHIA GV: 3731
KATSMAN RF: 2227
KATZ FH: 306
KATZ J: 2228
KATZ JL: 2229
KATZENELLENBOGEN BS: 2230
KATZIR E: 387
KATZUNG BG: 2231
KAU SL: 741
KAUFFMAN FC: 1443
KAUFFMAN HM: 2232
KAUFFMAN: 2233
KAUFFMAN H: 967
KAUFFMAN JJ: 2234
KAUFFMAN N: 4932
KAUFFMAN RH: 20
KAUFFMAN RS: 2235
KAUFFMAN S: 11, 1904, 3859
KAUFFMANN NA: 2901
KAUFFMANN P: 2236-2237, 4320, 4523
KAUFFMANN W: 2446
KAUL RL: 1681
KAUPPILA A: 2238, 4951
KAVAN EM: 2239
KAVEGGIA EG: 3389
KAVLIE H: 4393
KAVRYKOVA K: 2240
KAWAGOE S: 2241
KAWAGOE T: 3297
KAWAI K: 4437
KAWAKAMI M: 2242-2243
KAWAMURA M: 2244
KAWAMURA N: 2835
KAWASHIMA K: 2517
KAWASHIMA Y: 2245, 4148
KAY CR: 2246
KAY ML: 2247
KAYANJA FI: 2248
KAYE AM: 2249
KAYE M: 854, 1431
KAYE MP: 4040
KAZAMA N: 2250
KAZARINOV NA: 416
KAZMIN SD: 2251
KAZNER E: 2252
KAZZAZ BA: 2253
KEATS TE: 4337
KEAY L: 1852
KEBABIAN JW: 797
KECSKEMETI V: 2254, 2264
KEDA IUM: 2255
KEDAR I: 2256
KEDINGER M: 3008
KEELAN MH JR: 2257
KEESEY RE: 3073
KEGELES G: 648
KEHLER M: 2258
KEHLET H: 2259-2262
KEIDING NR: 2263
KEIM HJ: 1056-1057

AUTHOR INDEX

KEIRNS JJ: 3051
 KEISER HR: 519
 KEITH A: 4251
 KEKKI M: 3525
 KELCH RP: 4966
 KELEMEN J: 4416
 KELEMEN K: 2254, 2264, 2423
 KELLER AR: 2265
 KELLER E: 588
 KELLER G: 903
 KELLER H: 2266
 KELLER M: 3010
 KELLER PJ: 2671
 KELLEY SP: 2279
 KELLEY ST: 2267-2268
 KELLEY WN: 146, 1918
 KELLNER R: 2260, 2636
 KELLY GE: 2270
 KELLY JF: 3494
 KELLY K: 2691
 KELLY LA: 2271
 KELLY PJ: 2139, 3784
 KELLY RB: 4735
 KELLY WG: 2272
 KELLY WN: 4218
 KEMPER B: 2075, 2273
 KENDALL PA: 3510
 KENDRICK-JONES J: 2274
 KENNEDY JS: 2275
 KENNEDY TG: 2276-2277
 KENNEDY TH: 22
 KENNY FM: 117
 KENT J: 2278
 KENYON KR: 3267
 KEPEL E: 2279
 KEPPLER U: 510
 KER J: 4411
 KERESZTI J: 2536-2537
 KERET R: 2160
 KERLAN JT: 2280
 KERR JA: 842
 KERR JM: 2281
 KESHAVANATH P: 207
 KESLER GA: 2724
 KESSELERING P: 4782
 KESSLER B: 2282
 KESSLER FJ: 4928-4929
 KESSLER S: 3075
 KETTYLE WM: 2283
 KEUTMANN HT: 2284, 3998
 KEWITZ H: 2285
 KEYES JW JR: 4877
 KEYES PL: 3058
 KHALILOV RM: 3204
 KHAMMER KH: 2286
 KHAN IH: 557
 KHANNA SC: 3799
 KHARCHENKO NK: 2287, 2472
 KHATTRI HN: 2876
 KHAYYAL MT: 2288
 KHIDOIATOV BA: 5012
 KHITROV NK: 2289-2290, 3618
 KHOMULO PS: 2291
 KHOO SK: 2292
 KHORLIN AIA: 4697
 KHORLINA IM: 4268
 KHOROSHIKH LV: 4600
 KHUBETSOVA RD: 2293
 KIBBY MR: 1980
 KIEFER BI: 179
 KIEFER HC: 2205
 KIEFFER JD: 2294
 KIKKAWA Y: 4295
 KIKOLOV AI: 4665
 KIKUCHI G: 2295
 KIKUCHI Y: 4094
 KIKUYAMA S: 3210
 KILHAM L: 2296
 KILIMNIK H: 2048
 KILLIAN DB: 1039
 KILLINGER DW: 1966
 KILOH LG: 2297
 KIM BH: 2298
 KIM HJ: 2295, 2299
 KIM JC: 1087
 KIM MA: 2300
 KIMACHI T: 2301
 KIMBER RJ: 815
 KIMBLE FA: 2302
 KIMES B: 4054

KIMMEL GL: 2303
 KIMMICH G: 3513
 KIMURA F: 2242-2243
 KIMURA H: 2304, 3185
 KIMURA M: 2056, 2305-2306
 KIMURA T: 3385, 4760
 KINALSKA I: 1427
 KINCH RA: 1079
 KIND HP: 4969
 KINDLER SH: 3905
 KING AR: 2307
 KING JO: 2308
 KING MG: 2309
 KING PC: 421
 KING RC: 2310
 KING RJ: 2249, 2311
 KINNAIRD D: 3371
 KINSCHERF DA: 1264
 KINSKY SC: 4618
 KINYANJUI H: 738
 KIPRIAN TK: 2312
 KIRCHER W: 2313
 KIRCHGESSNER M: 3874, 4339
 KIRDANI RY: 2314
 KIRK ME: 2315
 KIRKBRIDE CA: 2356
 KIRKELS VG: 543
 KIRKMAN R: 3390
 KIRKPATRICK WE: 2720
 KIROV SM: 2316
 KIRPATOVSII ID: 2317
 KIRSCHBAUM BB: 2318
 KIRSCHNER MA: 2319
 KIRSENKO OV: 2320
 KIRWAN WO: 2321
 KISARA K: 4436
 KISELEVA AF: 214
 KISS S: 430
 KISSMEYER-NIELSEN F: 3094
 KISTLER WS: 2322
 KITABCHI AE: 487
 KITAGAKI S: 4555
 KITAY JI: 3825
 KITTINGER GW: 2323
 KIVIRIKKO KI: 3919
 KJAERHEIM A: 924
 KJELLMER I: 341
 KJELLSTRAND CM: 2324
 KLAIBER EL: 4122
 KLASOVSKII IUA: 4664
 KLASTERSKA I: 2325
 KLAUBER GT: 2326
 KLAUS D: 2348
 KLAVINS JV: 4830
 KLAUWANS HL: 1569, 2327
 KLEBANOVICH VI: 2328
 KLEEMAN CR: 2329
 KLEIN DC: 4179
 KLEIN E: 2330-2331
 KLEIN G: 3335
 KLEIN I: 2646
 KLEIN J: 1784
 KLEIN MP: 177
 KLEIN RL: 4823
 KLEIN U: 2332
 KLEINROK Z: 2333-2334
 KLEINTEICH B: 2335
 KLEMENS UH: 2336
 KLEMM G: 2337
 KLENEROVA V: 2338
 KLEPACKI A: 2339
 KLESSEN C: 2340
 KLEY HK: 2341, 3285-3286, 4851
 KLIACHKO VP: 4274
 KLIBANSKY C: 2342
 KLIGERMAN M: 3674
 KLIMAN MR: 1049
 KLIMEK R: 2343
 KLIMPEL B: 1665
 KLINGELE DA: 1575
 KLINGER G: 2344
 KLINGER R: 2378
 KLOKKE AH: 2345
 KLOPPER A: 712
 KLOTZ HP: 2346
 KLUGMANN HJ: 2347
 KLUMPP F: 2348
 KLUNSCH H: 4826
 KLUTHE R: 431, 4796
 KMIETIAK-KOLADA K: 2349

KNAPP R: 3390
 KNEISSLER U: 1820
 KNIERIEM HI: 3559
 KNIGGE KM: 2350-2351
 KNIGHT BL: 2352
 KNIPFEL JE: 1981
 KNISELEY RM: 989
 KNOBLOCH LC: 4286
 KNOKE M: 3730
 KNOLL J: 1699, 2254, 2264
 KNOLLE J: 3632
 KNORR D: 2353
 KNORRE VL: 135
 KNOWLES JA: 2354
 KNOWLES L: 4807
 KNOX FG: 2355
 KNOX GS: 3269
 KNUDTSON WU: 2356
 KNUSTON JC: 1513
 KOBAYASHI H: 2519, 4445
 KOBAYASHI I: 3223, 4562
 KOBAYASHI J: 2955
 KOBAYASHI K: 4939
 KOBAYASHI M: 2065
 KOBAYASHI RM: 2357
 KOBAYASHI S: 1405, 2358, 4562
 KOBIERSKA A: 2359
 EL-KOBIR DJ: 2841
 KOBOR G: 2537
 KOBOZEVA NV: 2360
 KOBZER EV: 2361
 KOCH H: 3559
 KOCH KM: 2863
 KOCH Y: 2362
 KOCHAN J: 2363
 KOCHICKA W: 2364
 KOCSAR L: 4427
 KODAMA T: 2519
 KOERKER DJ: 2365
 KOGEL J: 1943
 KOGI K: 3426
 KOGO H: 45
 KOHL W: 2366, 2687
 KOHLER PF: 787
 KOHLER R: 4035
 KOHOUT E: 79
 KOISCHWITZ D: 2367
 KOIVULA L: 3833
 KOJ A: 2368-2369
 KOJA T: 4156
 KOJIMA K: 4156
 KOKETSU K: 4773
 KOKKA N: 2370
 KOKOSZCZYNSKA I: 2435
 KOKOT F: 2371-2372
 KOLAEVA SG: 2373
 KOLAKOWSKA T: 363-364
 KOLASA K: 2334
 KOLASZYNSKI J: 3500
 KOLESNIKOVA GS: 3588
 KOLESNIKOVA SM: 2433
 KOLESOV DV: 2374
 KOLETSKY RJ: 2375
 KOLETSKY S: 2375
 KOLEV K: 2376
 KOLIADENKO AP: 4670
 KOLIYANNIS A: 2377
 KOLKAILA AM: 1275
 KOLLER C: 2378
 KOLLIS G: 2379
 KOLMODIN R: 3380
 KOLODEJ A: 2430
 KOLOMEICHUK LV: 2401
 KOLPAKOV MG: 289, 2373
 KOLTUNOVA IG: 4097
 KOMAROV FT: 2380
 KOMASE M: 2381-2382
 KOMISKEY HL: 402
 KOMISSARENKO VP: 2383
 KOMISSAROV VM: 2384
 KOMPANTSEVA EV: 2385
 KON C: 548
 KONDA N: 2243
 KONDRATEVA NA: 3289
 KONIG A: 1173, 2386
 KONIG E: 4745
 KONIG F: 1172
 KONIG J: 3921
 KONIG P: 1563
 KONIG P: 2387

AUTHOR INDEX

KONO T: 3406
 KONONENKO VIA: 2388
 KONONYKINA NN: 1582
 KONOPKA RG: 1579
 KONOVALOVA LK: 2389
 KONSTANTINOV P: 1496
 KONSTANTINOVA B: 2390-2391
 KONTUREK S: 2392
 KONTUREK SJ: 2393
 KOO GC: 4731
 KOONTZ WW: 739
 KOOPMANS H: 2611
 KOOPMANS R: 2394
 KOOTTE F: 501
 KOPERSKA K: 2983
 KOPIN IJ: 2357, 4179
 KOPPE D: 4029
 KOPPEL MH: 805
 KOPPENFELS R VON: 2395
 KOPROWSKI H: 892-893
 KOPSA H: 2396
 KOPSTEIN J: 882
 KORABIEC M: 2397
 KORACH KS: 2398
 KORANDA FC: 2399
 KORANYI L: 2400
 KORENEV IP: 2401
 KORENEVA GP: 2401
 KORENEVSKAIA MI: 2402
 KORENMAN SG: 4138
 KORETSKAIA IUM: 2403
 KORF J: 3643
 KORFEL B: 918
 KORGE PK: 2404
 KORMAN MG: 2405
 KORNACKI Z: 1350-1352
 KORNER H: 2406
 KORNER PI: 2407
 KORNFELD S: 1607
 KORNGUTH S: 2925
 KORNIUSHENKO NP: 2931
 KOROLEVA SA: 2227
 KOROLKIEWICZ Z: 4418
 KOROLKOVAS A: 2408
 KOROSTOFF E: 4333
 KOROTKOVA VD: 1162
 KOROVKINA AS: 1606
 KOROZA GS: 2473
 KORSGAARD O: 2689, 3868
 KORZ R: 2409
 KOS V: 4536
 KOSAKA F: 2410
 KOSAKA M: 2955
 KOSCHINSKY T: 2411
 KOSEKI MT: 2413
 KOSEKI Y: 2412-2413
 KOSELNIK-GLUGLA B: 3487
 KOSHCHEENKO KA: 4215
 KOSHEVENKO IUN: 616
 KOSHINO K: 3050
 KOSHY TS: 2199
 KOSKELA P: 3482
 KOSKIAHDE V: 125
 KOSMALA U: 1553
 KOSOWICZ J: 2414-2416
 KOSTER HD: 1907
 KOSTOWSKI W: 2417
 KOTCHEN TA: 1301
 KOTLIAROV EV: 2418
 KOTOVA SA: 2419
 KOTRLY A: 403
 KOTTKE K: 2420
 KOU C: 741
 KOUDSTAAL J: 621
 KOULISCHER L: 2421
 KOULLAPIS EN: 823
 KOUTSAIMANIS KG: 792
 KOVAC T: 2422
 KOVACS A: 2423
 KOVACS E: 1120
 KOVACS K: 2424
 KOVAL' ZA: 1533
 KOVALEV GV: 2425
 KOVALEVA LG: 2426
 KOVI J: 2427-2428
 KOVTUNIAK MA: 2429
 KOWAL E: 3575
 KOWALEWSKI K: 2430
 KOYAMA K: 3141
 KOZAK GP: 4952

KOZHECHKIN SN: 2431
 KOZHUKHAROVA L: 2432
 KOZLOV EA: 3289
 KOZLOV GI: 1162
 KOZLOV VA: 2433
 KOZLOWSKA K: 2434
 KOZLOWSKI GP: 4991
 KOZLOWSKI J: 2435
 KOZOVSKI I: 2025
 KRAATZ G: 2436
 KRACHT J: 2330
 KRAHL ME: 2730
 KRAICER J: 2437
 KRAICER PF: 987
 KRAMEN MA: 2438
 KRAMER HJ: 2439-2440
 KRAMER J: 3861
 KRAMER MS: 3854
 KRAMER P: 1546
 KRAMER RM: 1910-1911, 2441-2442
 KRANTZ MJ: 4751
 KRANTZ SB: 2443
 KRASNOKUTSKI VM: 4664
 KRASNOSHCHKEKOVA GP: 1068
 KRASNOVSKAIA IA: 2444
 KRASS PM: 289
 KRASZNAI G: 216
 KRATOCHWIL A: 2445
 KRATOWICH N: 12
 KRAUER F: 979
 KRAUSE DK: 2446
 KRAUSE EG: 2447
 KRAVIS LP: 2803
 KRAVIS TC: 2448
 KRAVITZ EA: 4750
 KRAVTSOV AV: 2320
 KRAWCZUK A: 2449
 KRAWCZYNSKA H: 2450
 KRAWITT EL: 2451
 KRECEK M: 1339
 KREINICK CJ: 4010
 KREIS B: 277
 KREISL I: 1571
 KREJCI L: 2452
 KREJCOVA H: 2452
 KREMER J: 2453
 KREMERS P: 2454
 KREMKAU FW: 1462
 KREMPIEN B: 2863, 3795-3796
 KRENOVA I: 5004
 KRIEGER DT: 553, 1637, 2455-2457
 KRISS JP: 2793
 KRITCHEVSKY D: 4366
 KRIVOV W: 4892-4993
 KRIVOV WA: 2458
 KROBER M: 2459
 KROCHMALSKA E: 1438
 KROEGER EA: 2460
 KROKOWSKI E: 2461
 KROL C: 3045
 KROLL HJ: 1848
 KROP J: 3914
 KROPELIN T: 4796
 KRSTIC R: 2462
 KRUCK F: 2440
 KRUEGER GR: 2463
 KRUEGER P: 2464
 KRUEGER PM: 2985
 KRUEGER WA: 1462
 KRUG F: 1025
 KRUGER GO: 3017
 KRULICH L: 2465, 2481, 2782
 KRUPA RJ: 4346
 KRUS S: 2466
 KRUSE HP: 2467
 KRUSKEMPER HL: 1347-1848, 2330, 2341, 3286, 4851
 KRUIZHKOVA GV: 2468
 KRYANK H: 4089
 KRYLOV SS: 2469
 KUBENA LF: 2974
 KUBENA RK: 265
 KUBISZ P: 2470
 KUBOTA K: 1776
 KUBOTA S: 2471
 KUCERA L: 4290
 KUCHEROVA NF: 3573
 KUCHI M: 4937, 4945
 KUCZERPA A: 1015
 KUCZERPA AV: 1016

KUDINOV SA: 2287
 KUDINOV SO: 2472
 KUDRIASHOV BA: 4622
 KUDRIASHOV IUB: 1583, 4257
 KUDRIN AN: 2473
 KUDRYK BJ: 2474
 KUEHL FA JR: 2475
 KUEHL H: 2476-2477
 KUHLENCORDT F: 1879, 2478-2479
 KUHN D: 2480
 KUHN E: 2481
 KUHN W: 2482
 KUHN W: 2998
 KUHN W: 4975
 KUHNEL W: 301
 KULAEV IS: 2483
 KULAGA VV: 2484
 KULAGIN VI: 616
 KULAY L JR: 2485
 KULBE KD: 2486
 KULIN HE: 2487
 KULINSKII VI: 2488
 KULKARNI VV: 2450
 KULONEN E: 2
 KUMAGAI K: 4484
 KUMAGAI M: 130
 KUMAHARA U: 3352
 KUMAHARA Y: 3353-3354
 KUMAMOTO E: 2489-2490
 KUMAMOTO Y: 1777
 KUMAR AP: 2199
 KUMAR DS: 716
 KUMAR R: 2491
 KUMAR V: 2492
 KUMMERLE F: 2493
 KUNA P: 2494
 KUNDU SC: 228
 KUNG HF: 2495
 KUNITOMO M: 2496
 KUNTZINGER H: 2497
 KUNZE D: 2498
 KUNZE J: 2499
 KUNZEL W: 5100
 KUO JF: 2500
 KUO WN: 2500
 KUPERSMITT E: 4182
 KURACHI K: 129
 KURCHENKO KB: 2501
 KURIHARA H: 4152
 KURIHARA J: 3963
 KURLIT M: 4898
 KURMAN RJ: 2502
 KURODA Y: 2503-2504
 KUROI H: 2505
 KUROGOCHI Y: 4598
 KUROKAWA K: 2506, 3717
 KURT N: 2016
 KURTI M: 2507
 KURTZ A: 4291
 KURTZ AB: 4858
 KURTZ AJ: 2118
 KURTZ D: 2029
 KURTZ RS: 4162
 KURUP PA: 4894
 KURZ D: 2508
 KURZ O: 2886
 KUS E: 2805
 KUSAJIMA K: 2509-2510
 KUSAKA T: 3956
 KUSEN' SI: 2511-2513
 KUSHINSKY S: 2514
 KUSHNICK T: 4924
 KUSHNIRUK IUI: 2060
 KUSIAK JW: 2843
 KUSKA J: 2372
 KUSUNOKI F: 1886
 KUTKAITE D: 815
 KUTTENN F: 2970-2971
 KUTZ K: 2515
 KUWABARA Y: 2516
 KUWAMURA T: 2517
 KUZMANOVIC I: 478
 KUZNETSOV VM: 4170
 KUZNETSOVA MN: 422, 3888
 KUZOVKOV AG: 3518
 KUZUMAKI N: 2519
 KVALEV MM: 3590
 KVETNOI IM: 3688
 KWANT GW: 3005
 KWART AM: 507

AUTHOR INDEX

KWASNIEWSKA W: 2521
KYAOSAAR ME: 2522
KYLE FW: 612-613
KYLE RA: 4060
KYZ'MAK NI: 2523

L

LAAKSONEN AL: 125, 2556
LAATIKAINEN TJ: 2524
LABAT JP: 311
LABEEVA TN: 3103
LABERGE C: 1135
LABLER L: 4078
LABOW RS: 2525
LABOWSKY C: 1517
LABRIE F: 2629, 3379, 3520
LABRUNE B: 2526
LACHAPPELLE F: 835
LACKORE LK: 688
LACKOVIC Z: 2087
LACOMBE ML: 2527
LACROIX E: 2528
LACY D: 822
LADANY S: 1898
LADIGES NC: 1592
LADIZESKY M: 644
LAFFARGUE F: 2529
LAFFARGUE P: 2529
LAFFAY G: 2530
LAFFRANCHI S: 1323
LAFUENTI G: 4114
LAGACE R: 479, 988
LAGET JP: 1000
LAGIOS MD: 2531
LAGROU A: 1033, 1869-1869, 2532
LAGUE PC: 582
LAGUN MA: 4684
LAGWINSKA E: 2930
LAHTI RA: 2533-2534
LAING I: 793
LAITINEN S: 2535
LAJOS L: 2536-2537
LAJTHA A: 2912
LAKATOS I: 2538
LAKEY JR: 4198
LAKIN KM: 2539
LAKIZA BS: 2540
LAKSHMANAN MR: 1116, 3257
LAL S: 2924
LALEZARI P: 4823
LALLEMANT Y: 2541
LALOVA M: 2240
LALYRE Y: 2542
LAMAS L: 2543
LAMBERG BA: 1594
LAMBERT B: 2544
LAMBERTS B: 3340
LAMBLE JW: 154
LAMBRECHT FL: 2545
LAMERTON LF: 2546
LAMKE B: 935
LAMKIN WM: 2547-2548
LAMPRECHT SA: 2382
LAMY PP: 2984
LANCASTER C: 2221
LANCE JW: 4304, 4807
LANCHO JL: 2549
LANCIAULT G: 3848
LANCRANJAN I: 2550
LAND RB: 4008, 4143
LANDAU BR: 204
LANDBERG T: 104
LANDE S: 2458, 2551
LANDEFELD TD: 2552
LANDGRAF WC: 2553
LANDON J: 2554, 4075
LANDRY PR: 3082
LANE JM: 2555
LANE NJ: 3896
LANG H: 2556
LANG U: 2557
LANGE A: 1553
LANGE AP: 2558
LANGE CE: 4799
LANGE Y: 4856
LANGELAND K: 4289
LANGER GA: 411, 2559-2560
LANGER L: 4547
LANGHAM RA: 2561

LANGIEWICZ J: 1427
LANGSLOW DR: 2562
LANGSTON JW: 3567
LANKSCH W: 198
LANSDOWN AB: 2583
LANZANI GA: 2564
LAPAYOWKER MS: 2565
LAPIERE CL: 2454
LAPLANTE E: 737
LAPLANTE L: 1949
LAPLANTE M: 4573
LAPRESLE J: 652
LARA FJ: 1448
LARAGH JH: 1474, 2566, 4081
LARBRISSEAU A: 2567
LARCHER-FOURRIER MF: 203
LARENG L: 2568
LARGIADER F: 858, 3997
LARNER J: 4042
LAROUCHE C: 652
LARON Z: 2180, 3645
LARRACILLA J: 649
LARRAGUIBEL R: 247
LARSEN JF: 2107, 2569
LARSEN PR: 16
LARSON PF: 1708
LARSSON A: 481
LARSSON C: 2570
LARSSON JE: 1457
LARSSON K: 3123, 4282
LARSSON KS: 2920
LARSSON LI: 1725-1726
LARTER WE: 66
LASALLE R: 2567
LASCELLES AK: 299
LASCELLES J: 928
LASHMANOVA AP: 2571
LASKINA AV: 1170
LASMANIS J: 670
LASSITER WE: 73
LASSMAN MN: 2572
LASZLO F: 2573, 4680
LASZLO J: 471, 2574
LATTANZI WE: 2575
LATYSHEVA VV: 2484
LAU IF: 3957
LAUBER JK: 3358-3359
LAUBINGER G: 2576
LAUDANI U: 4537
LAUDANNO O: 2577
LAUDANO C: 2577
LAUDANSKI T: 2578
LAUDER LJ: 3065
LAULER DP: 775
LAURENCE BR: 2579
LAURENT B: 2895
LAURES JC: 2580
LAURIAN C: 3770
LAURIN CA: 2581
LAURITZEN C: 2582-2583
LAURO R: 1325
LAURSEN B: 2584
LAUSTE LW: 2585, 3909
LAUTTAMUS A: 2586
LAUWERYNS JM: 3847
LAVELIN VP: 4130
LAVIGNE JE: 2587
LAVIGNETTE AM: 2588
LAVIS VR: 3950
LAW OT: 3158
LAWRENCE JS: 4917
LAWRENCE NL: 210
LAWRIE TD: 3118
LAWSON DH: 3468
LAWSON JE: 2589
LAWTON K: 959
LAWZEWITSCH I VON: 2590
LAX ER: 2591
LAYNE DS: 2525
LAYZER RB: 1346
LAZAR J: 3546
LAZAREVA SA: 2853
LAZARO N: 3854
LAZAROVICH VG: 3069
LAZARUS BA: 2592
LAZARUS HM: 2593
LAZARUS JM: 2594
LAZARUS L: 4249-4250
LAZARUS NR: 960
LAZORTHES Y: 2595

LAZUTIN VK: 3618
LEACH CS: 2596
LEAHY L: 2597
LEASK JT: 2598
LEATHER JH: 2599
LEAVENS ME: 3973
LEAVER FW: 2226
LEBEDEVA MV: 2571
LEBEL E: 4573
LEBLANC P: 2600
LEBOVITZ HE: 489, 4218
LE BRIGAND H: 2601
LE CHARPENTIER M: 277
LECHAT P: 1456
LECHI A: 2602
LECKS HI: 2603
LECKY JH: 1017
LECLERC RR: 3946
LECLERCQ PA: 2615
LECLUSE-VAN DER BILT FA: 2604
LEDINGHAM JM: 2605
LE DOUARIN N: 2606
LEDoux L: 725
LEDOVSKAIA SM: 2607
LEE AE: 2608
LEE IP: 1639
LEE J: 1952
LEE JB: 163-164
LEE LA: 1585
LEE PA: 2609-2610
LEE PC: 1297
LEE RA: 3093
LEE S: 2611
LEE SG: 2755
LEE SJ: 2612
LEE T: 4083
LEE TD: 1296
LEE W: 1796
LEEMAN S: 2294
LEENEN FH: 2613
LEES RS: 4999
LEEUWEN JF VAN: 2614
LEFEBVRE P: 2601
LEFERINK JG: 2615
LEFEVRE G JR: 2616
LEFEVRE PG: 2937
LEFKOWITZ RJ: 665, 2617
LEFRANC G: 2618, 3644
LEGault C: 2619
LEGENDRE AM: 2620
LEGENT F: 251
LEGE KF: 2636
LEGRAND Y: 1268
LEGRAND C: 801
LEGRAND J: 801, 2621
LEGROS JJ: 1354-1355
LEHANE J: 3883
LEHMANN F: 513-515
LEHMKUHL G: 2622
LEHNINGER AL: 294, 740, 2623, 3768
LEHR HJ: 2624
LEHRICH J: 3351
LEHRMAN DS: 4184
LEIGHTON PW: 2625
LEINWEBER W: 2626
LEINZINGER E: 2627
LEJTENYI C: 1300
LE LIEVRE C: 2606
LE MAGNEN J: 3433
LEMAIRE V: 3917
LEMAN J JR: 2628
LEMANT P: 1115
LEMAY A: 2629
LEMBERGER L: 4179
LEME CE: 2630
LEMKEY-JOHNSTON N: 1821
LEMON HM: 2631-2632
LEMORVAN P: 2633
LEMUS ROCHA A: 4578
LENARTOWICZ H: 4769
LENARTOWSKI E: 2634
LENDER M: 2635
LENDNUM J: 2636
LENHARDT GM: 3829
LENIK J: 4224
LENNON EJ: 2628
LENNOX KW: 4775
LENORMAND ME: 4487
LENTRODT L: 2637
LENZI G: 2638

AUTHOR INDEX

LEON C: 646
LEONARD BE: 2639
LEONARD PJ: 250
LEONCINI O: 1830
LEONOV BV: 2722
LEOPOLD NA: 3597-3598
LEPPALUOTO J: 2640-2641
LEPPO LE: 223-224
LEPSANOVIC L: 2422
LEQUIN RM: 3837
LERAT M: 251
LERAY-PECKER F: 708
LERNER AB: 3088, 4059
LERNER MA: 2006
LEROY F: 2642
LESCOP J: 2643
LESLIE EV: 64
LESLIE J: 2037
LESSNIK H: 1689
LESSOF MH: 2774, 4749
LESTER R: 4656
LESTRADET H: 2530
LESZCZYNSKI B: 2644
LETONTURIER P: 4569
LETTIS PJ: 2645
LEUILLET M: 2619
LEUSEN I: 2528
LEVAN G: 503
LEVASSEUR MC: 4504
LEVERNE R: 3856
LEVENTHAL BG: 569
LEVER AF: 2990
LEVEY BA: 2647
LEVEY GS: 2646-2647
LEVIJ IS: 1483
LEVIN R: 2171
LEVINA DM: 1170
LEVINE J: 2207
LEVINE MD: 2648
LEVINE MS: 2649
LEVINE RA: 2650
LEVINE S: 707, 2651
LEVINE WR: 3416
LEVINSTEIN R: 2382
LEVITAN IB: 2652
LEVITAN R: 2653
LEVITT D: 2657
LEVITZKI A: 1194
LEVY BM: 1190
LEVY RI: 2654
LEVY RP: 3703
LEVY W: 2755
LEW W: 1630
LEWANDOWSKI AS: 4611
LEWI PJ: 2655
LEWIN M: 4287
LEWIS DO: 2656
LEWIS EJ: 868
LEWIS KO: 2657
LEWIS LW JR: 4817
LEWIS PE: 2658-2659
LEWIS RJ: 2562
LEWIS W: 1469
LEWITUS Z: 2886
LEWY PR: 313
LEYBOLD K: 386
LEYH F: 2660
LEYTEN R: 4652
L'HERMITE M: 2661
LI CH: 1
LI CH: 912
LI CH: 1211
LI CH: 1613
LI CH: 2662
LI CH: 2663
LI CH: 4194
LI CH: 4473
LI SL: 2664
LIAIFER LG: 1315
LIAKAKOS D: 2665
LIAKISHEV AA: 2666
LIAPINA LA: 4622
LIBAN E: 3845
LIBBY PR: 948
LIBERATORE F: 3121
LIBERMAN UA: 4298
LIBERTUN C: 2782
LIBNOCH JA: 47
LIBOW LS: 2667
LICATA AA: 2668

LICHT P: 887, 2669-2670
LICHTENSTEIGER W: 2871
LICHTENSTEIN H: 1189
LICHTSHTEN E: 1483
LICO MC: 2672
LIDBRINK P: 1421, 2673-2674
LIDDLE CG: 4998
LIDSKY TI: 2649
LIE JT: 2292
LIEBERMAN JR: 4326
LIEBERMAN S: 1898
LIEDHOLM P: 2675
LIEVENS P: 2676
LIFSCHITZ F: 3689
LIGEZINSKA B: 1076
LIGHT JA: 3536
LIKHTAREV IA: 1068
LILLEHEI RC: 2471
LILLIAN DL: 2082
LILLIE MA: 2677, 3067
LIMA AO: 2678
LIMAS CJ: 2679
LIN CY: 4468
LIN F: 1126
LIN M: 2680
LIN MT: 2303
LINARES G: 209
LINCOLN FH: 4964
LINCOLN GA: 3883
LINDALL AW: 4906
LINDBERG T: 2681
LINDBLAD BS: 2682
LINDBLOM JB: 4636
LINDEBERG G: 2683
LINDEBOOM GA: 2684
LINDELL D: 3552
LINDEN AG VAN DER: 3511
LINDEN RJ: 2211
LINDER GT: 2685
LINDER L: 2686
LINDERER T: 2687
LINDGREN P: 2688
LINDHOLM J: 2689
LINDL T: 2690
LINDNER D: 3681
LINDNER HR: 2249, 2362
LINDSAY B: 43
LINDSAY RH: 2691
LING N: 596
LING SM: 4086
LINGWOOD CA: 2692-2693
LINHART P: 2694
LINK GD: 1631
LINK SS: 4375
LINKE A: 2436
LINKLATER JP: 2695
LINKSWILER HM: 85
LINN RJ: 2831
LINQUIST JA: 2696
LINT TF: 2020
LINTON DS: 3703
LINZELL JL: 3507
LIPHAM EM: 73
LIPOVSKII BS: 3774
LIPPMAN ME: 2697
LIPSHUTZ W: 483
LIPTON JM: 2698
LIPTON MA: 729
LIS M: 353
LISEWSKI G: 4057
LISK RD: 2699
LISKAY RM: 1464
LISSITZKY S: 4680
LISSNER J: 2700
LITOROWICZ A: 4283
LITTLE B: 364
LITTLE HM JR: 2701
LITTLE V: 2796
LITLEDIKE T: 527
LITTMANN KP: 2702
LITVINOV AP: 4307
LITWACK G: 893
LIU CC: 4141
LIVERSAGE RA: 2703
LIVERSEGE LA: 2704
LIVREA P: 2705
LJUNGGREN B: 552
LJUNGHALL S: 2706
LLOYD HM: 958, 2707
LLOYD JV: 2708

LLOYD JW: 305
LLOYD JW 3D: 2973
LLOYD T: 1904
LOBACHIK VI: 4720
LOBENWEIN-WINEGG E: 4899
LOBYNTSEV KS: 2709
LOCKEYER JH: 2710
LOCKETT MF: 1449
LO CURTO F: 2711
LODOVICI F: 480
LOEB H: 4865
LOEB JN: 1825
LOENING WE: 848
LOEW H: 1840, 1956, 2712
LOEWENSTEINER DD: 349
LOFLAND HB: 3945
LOFUMA J: 3138
LOGAN WJ: 4255
LOGTEN MJ VAN: 3899
LOHIYA NK: 1059, 1061
LOHMANN FW: 2713-2714
LOHMANN-MATTHES ML: 3794
LOHR E: 2715
LOERMANN HP: 2716
LOIEZ A: 401
LOISILLIER F: 4633
LOIUDICE T: 3234
LOKOSHO KA: 2717-2718
LOLLEY RN: 2719
LOMAX P: 2720
LOME LG: 3891
LOMMATZSCH P: 2721
LOMMER D: 1056
LOMONACO DA: 2301
LOMOVA MA: 2722
LONDONG V: 2723
LONDOS C: 3968
LONGAUER J: 4790
LONGCOPE C: 1255, 2250
LONGHI L: 2485
LONGO VG: 1975
LONSHAKOV IUI: 2724
LOOS U: 2661
LOPELMANN J: 2725
LOPEZ VILLEGAS J: 2726
LORAIN JA: 21
LORAS B: 3881
LORENS SA: 2727
LORENZ F: 2688
LORIAUX DL: 2917
LORKOVIC H: 2728
LOSA DE GIACOMANTONE H: 681
LOSSNITZER K: 2729
LOSTROH AJ: 3730
LOTTI VJ: 2731
LOUBATIERES AL: 2732
LOUBATIERES-MARIANI MM: 2732
LOUBET MA: 2580
LOUBET R: 2580
LOUDON NB: 249
LOUIE AJ: 2733
LOUIS CJ: 490
LOUVET JP: 2595
LOVEJOY FH JR: 2734
LOVELL-SMITH CJ: 3501
LOVENBERG W: 4690, 4751
LOVERIDGE N: 736, 944
LOVO A: 1924
LOWENSTEIN JM: 1630
LOWENSTEIN LM: 4548
LOWHAGEN T: 2735
LOWHAGEN T: 2736, 3314
LOWIS P VON: 2336
LOWRY PJ: 2737, 4075-4076
LOZANO TERUEL M: 3111
EL-LOZY M: 1744
LUBBERT H: 2738
LUBICZ-NAWROCKI CM: 2739
LUCIS OJ: 2740
LUCIS R: 2740
LUDENS JH: 2741
LUDERITZ B: 440
LUDINGHAUSEN M VON: 2498
LUDVIK W: 2757
LUDWICK TM: 241
LUFKIN EG: 2743-2744
LUI CW: 2745
LUJF A: 4070
LUKAS W: 4234

AUTHOR INDEX

LUKASHEVA ID: 2746
 LUKASIEWICZ H: 4042
 LUKASZYK A: 2747
 LUKICHEVA TI: 1499, 4408
 LULLMANN H: 2748
 LULY P: 4582
 LUMB GA: 2749
 LUMBERS ER: 3586
 LUNAAS T: 2750-2751
 LUND B: 2752
 LUNDERQUIST A: 2753
 LUNDGREN O: 377
 LUNDGREN Y: 1319, 2754
 LUNDY LE: 2755
 LUNENFELD B: 2756
 LUNGLMAYR G: 2757, 4310
 LUNINA NV: 2758-2759
 LUNN SF: 21
 LUNN TA: 1990
 LUPPIS B: 2760
 LUPU AN: 4237
 LUPULESCU A: 2761
 LURATI M: 2762
 LUSCHER EF: 2763
 LUSIGNAN DN: 2764
 LUSTICK LS: 1801
 LUSTIG DS: 4340
 LUTOMIRSKY C: 2765
 LUTON JP: 2766-2767
 LUTWAK-MANN C: 2808
 LUTZ RA: 4782
 LUTZ U: 2768
 LUTZEYER W: 3727
 LUYKEN R: 4705
 LUYTEN JA: 2769
 LUZIO JP: 1738
 LWANGA S: 2838
 LYALL SS: 2770
 LYBECK H: 2640
 LYCKE E: 2771
 LYKKEGAARD NIELSEN E: 2772
 LYNCH A: 4965
 LYNCH HT: 2773
 LYNCH SR: 347, 349
 LYNCH SS: 618
 LYNE C: 2774
 LYONS HJ: 2775
 LYTLE LD: 2078

M

MA D: 3553
 MAAS JW: 2776
 MAASS D: 4457
 MCADARAGH JP: 2356
 MACARIE C: 4908
 MCBEAN LD: 2777-2778
 MCBRIDE AD: 3726
 MCBRIDE WJ: 2779
 MCCA A: 2780
 MCCA A RE: 2780
 MCCANN BG: 2781
 MCCANN SM: 946, 2190, 2481, 2782, 3250, 3361, 5006
 MCCARTHY L: 2013
 MCCARTHY P: 3673
 MCCARTHY RE: 4253
 MCCARTHY S: 4238
 MCCARTY DJ: 2860
 MCCAUGHEY WJ: 2783
 MCCHESENEY JD: 658
 MACCHIA V: 1520, 2564
 MACCHIONI B: 2784
 MCCLELLAN RO: 1250-1251
 MCCLEURE WO: 74
 MCCOMAS AJ: 2785
 MCCONAHEY WM: 1072
 MCCONNELL R: 3011
 MCCONNELL RG: 1104
 MCCORMACK CE: 2786
 MCCOY K: 1485
 MCCREADE SR: 4487
 MCCROSSAN J: 4519-4520
 MCCUAIG LW: 2787
 MACCUISH AC: 249
 MCDELMOTT WV JR: 1657
 MCDEVITT HO: 2788
 MCDONALD D: 3061
 MCDONALD HN: 2789
 MCDONALD JW: 2790

MACDONALD PC: 1452
 MCDONALD PG: 2791-2792
 MCDONALD RR: 3336
 MCDUGAL MR: 3659
 MCDUGALL IR: 1636, 2793
 MACEDO V: 105
 MCELFRESH AE: 2794
 MCEWEN BS: 2795
 MACFADYEN I: 3061
 MCFARLANE H: 1738
 MCGARRIGLE HH: 2796
 MCGARRY EE: 2117
 MCGEER EG: 2797
 MCGEER PL: 2797
 MCGEOCH D: 172
 MCGIFF JC: 2057, 4500
 MCGILL TE: 2883
 MCGOWAN L: 2798
 MCGRATH P: 2799
 MACGREGOR GA: 2800
 MCGREGOR P: 4804
 MCGREGOR WR: 2232
 MCGUFFIN WL JR: 2801
 MCGUIGAN JE: 845
 MCGUIRE JL: 2802
 MCGUIRE JS: 4659
 MACH RS: 1216, 3540
 MACHADO JC: 354
 MACHEMER-ROHNISCH S: 3186
 MCHENRY LC JR: 4789
 MACHIEDO GW: 2587
 MACHO L: 2803
 MACHOVICH R: 2804
 MACIAS A: 1460
 MACIEJASZ A: 2805
 MCILHINNEY RA: 2806
 MCILWAIN H: 2504
 MCINTOSH EN: 4849
 MCINTOSH JA: 2807
 MCINTOSH JE: 2808
 MCINTOSH RM: 787
 MCINTYRE HB: 2809
 MACINTYRE I: 831, 2810
 MCINTYRE OR: 3574, 4060
 MACKAY IR: 2292
 MACKAY MA: 21
 MCKEEL DW JR: 2811
 MCKEON WB JR: 4303
 MCKEOWN BA: 2131
 MCKERNS KW: 2812
 MACKAY JP: 2813
 MACKIE RM: 2814
 MCKINNEY WM: 1462
 MACKINNON H: 2815
 MACKINNON PC: 365
 MCKENZIE JS: 3164
 MCLAREN EH: 2816
 MCLAREN NK: 2817-2818, 3690
 MCLAUGHLIN PA: 3818
 MCLEAN AS: 2819
 MCLEAN D: 2820
 MCLEAN N: 1991
 MCLEAN WS: 1756
 MACLENNAN DH: 2821
 MCLENNAN TW: 2822
 MACLEOD RM: 3732
 MACLUSKY NJ: 1535-1537
 MCMAHON D: 2823
 MACMANUS JP: 2824
 MCMARTIN C: 2737, 4076
 MCMILLAN M: 1523
 MCMURTRY JP: 2825, 2865
 MCNABB AR: 2785
 MCNEILL IF: 790
 MCNEILLY AS: 1716, 1910, 2441, 2826-2827, 3076, 3149-3152, 4012, 4524-4525
 MCNEISH AS: 2828
 MCNICOL GP: 1953
 MACOR S: 322
 MACOTELA-RUIZ E: 649
 MACOURT DC: 2829
 MACOVEI E: 2866
 MACPHERSON EE: 2830
 MCPHERSON JC 3D: 1169
 MCPHERSON K: 1313
 MCRTCHIE RJ: 4841
 MCSHAN WH: 2552, 4011
 MCSHERRY E: 3145
 MCSWAIN B: 2831
 MADAN K: 2832

MADDOCKS I: 2833
 MADDOX IS: 4415
 MADEIRA VM: 2834
 MADILL D: 278
 MADILL GT: 2150
 MADSEN SN: 2261, 2752
 MAEBASHI M: 2835
 MAEDA K: 4939
 MAEDER HU: 2836
 MAEKAWA H: 4093
 MAFFLY RH: 4484
 MAGALHAES A DE A: 368
 MAGDEBURG W: 1551
 MAGEE DF: 4390
 MAGER M: 489
 MAGHUIN-ROGISTER G: 832-833
 MAGIDE AA: 2837
 MAGNUSSON S: 37
 MAGRATH G: 361
 MAGRATH IT: 2838
 MAHAFFEY KR: 2839
 MAHAJAN DK: 3199
 MAHAJAN KC: 3799
 MAHAJAN KK: 2840
 MAHDAVI V: 4550
 MAHDI SQ: 2841
 MAHER FT: 2068
 MAHESH VB: 1169
 MAHGOUB A: 2842
 MAHIEU P: 1288
 MAHNKE JE: 4662
 MAIER GD: 2843
 MAIER N: 1724
 MAIER R: 4018
 MAINWARING WI: 2844
 MAISTERRENA JA: 1019
 MAJCHROWICZ E: 1989, 2534
 MAJEWSKI RF: 2589
 MAJLE T: 2845
 MAJOR PW: 1570
 MAJSKY A: 1339
 MAJUMDER GC: 2846
 MAJUMDER PK: 371, 2847
 MAKARENKO IUA: 2848
 MAKAROV VA: 2849
 MAKHLOUF GM: 2850
 MAKINEN E: 125
 MAKINO N: 2066
 MAKKER SP: 2851-2852
 MAKOGONENKO IEM: 2472
 MAKOWSKA J: 3915
 MAKRAKIS S: 3456
 MALAIA IT: 2853
 MALAN PG: 2854
 MALARKEY WB: 2855, 3416
 MALDONADO JE: 2856
 MALENCIK DA: 1815
 MALENDOWICZ LK: 2857
 MALCHERI JA: 4855
 MALIK OM: 4675
 MALINVERNI A: 3530
 MALKIN A: 4881
 MALKOVA J: 2858
 MALKUS H: 2859
 MALL JC: 2860
 MALLETT L: 2861
 MALLETT R: 2862
 MALLICK N: 969
 MALLICK NP: 2990
 MALLUCHE H: 3795-3796
 MALLUCHE HH: 2863
 MALOFIEJEV M: 4368
 MALONE MH: 976
 MALONEY NA: 4139
 MALONEY PL: 2864
 MALOOF F: 2294
 MALVA C: 446
 MALVAUX P: 3034
 MALVEN PV: 2825, 2865, 3634, 3785
 MAN NK: 4996
 MANASIA M: 2866-2867
 MANCHANDA R: 3854
 MANCINELLA A: 2868
 MANCUSO S: 996
 MANDATO E: 1520
 MANDEL AJ: 1959
 MANDEL L: 204
 MANDEL P: 169, 3332
 MANDELBROD I: 2869
 MANDELBROTE BM: 385

AUTHOR INDEX

MANDELBROTE M: 363
 MANDELL F: 2870-2871
 MANDEREAU J: 2872
 MANER JH: 569
 MANESCHI M: 2873
 MANESCU M: 1495
 MANFREDONIA M: 2874
 MANGANIELLO VC: 3501
 MANGER HG: 2875
 MANGLA DP: 2878
 MANIAN AA: 3440, 4539
 MANIATIS WR: 2770
 MANITA H: 2877
 MANKU MS: 2878
 MANLEY SW: 2879-2880
 MANN BG: 2786
 MANN DR: 259
 MANN GV: 2881
 MANN JD: 2882
 MANNING A: 2883
 MANNING M: 4003
 MANNING PR: 4195
 MANNISTO PT: 2884
 MANNS JG: 671
 MANOLOV P: 2895
 MANOR RS: 2886
 MANOUSOS ON: 2887
 MANSOUR TE: 1490
 MANTERO F: 2602
 MANUILOVA IA: 2888
 MANZKE H: 2889
 MANZOCCHI LA: 2564
 MAO SJ: 1905
 MAOR D: 2890-2891
 MARANDAS P: 2541
 MARANON A: 1128, 2892-2893
 MARBACH P: 2894
 MARCELLE R: 2895
 MARCHAJ J: 4309, 4686
 MARCHAND JP: 1236, 2896
 MARCHE C: 1451
 MARCHENKO NP: 2540
 MARCHI M: 2897
 MARCHLEWSKA-KOJ A: 2898-2899
 MARCRAE KD: 1156
 MARCUS FR: 3051
 MARCUS RE: 2900
 MARCUS S: 3394
 MARDEN HE JR: 2764
 MARDER VI: 4970
 MARECENBAUM LC: 368
 MARENETS VM: 3048
 MARGATSKAIA EV: 4587
 MARGEN S: 2901
 MARGOLIS G: 2296
 MARGOLIS MG: 2902
 MARIAN A: 3684
 MARIANI A: 4105
 MARIENBACH EV: 1170
 MARIN A: 220
 MARITZ VM: 789
 MARIZ IK: 660
 MARKARIAN MG: 2903
 MARKHAM C: 2904
 MARKHAM OD: 2905
 MARKIANOS E: 19
 MARKIEWICZ M: 1643
 MARKKANEN T: 2906-2907
 MARKOV KHM: 2908
 MARKOVSKI N: 2909
 MARKS BH: 2910
 MARKS HE: 2911
 MARKS LS: 2234
 MARKS N: 2912
 MARKS P: 2913
 MARKS SC JR: 2802
 MARKWARDT F: 271-272, 1559-1560
 MARLEY PB: 2914
 MAROIS C: 292
 MARONGIU GF: 1021
 MAROSI J: 3682
 MAROTTA SF: 452
 MAROVA EI: 4274
 MARPLE DN: 2915-2916
 MARQUARDT JL: 2917
 MARQUARDT P: 1150
 MARRON GASCA J: 2918
 MARS H: 2919
 MARSHALL J: 363, 4809-4810
 MARSHALL JM: 2137, 2460

MARSHALL JR: 612-613
 MARSHALL NJ: 2854
 MARSHALL TK: 2090
 MARSK L: 2920
 MARSTON S: 2921
 MART PE: 4735
 MARTELO OJ: 2922
 MARTENS PR: 4392
 MARTIN B: 3355
 MARTIN DP: 1104
 MARTIN FH: 202
 MARTIN GE: 2923
 MARTIN GM: 1900
 MARTIN JB: 550, 2924
 MARTIN JE: 730, 4088
 MARTIN JH: 964
 MARTIN JM: 3841
 MARTIN L: 2925
 MARTIN PD: 2926
 MARTIN S: 2647
 MARTIN TJ: 490
 MARTIN-ZURRO A: 3980
 MARTINELLI B: 640
 MARTINELLI M: 2927
 MARTINENKO FP: 2928
 MARTINEZ RD: 1706
 MARTINEZ-MALDONADO M: 1803
 MARTINI L: 824-825, 2929, 3159
 MARTOCHKINA GA: 1170
 MARTONOSI A: 2930
 MARTY-DOUBLE C: 3434
 MARTYENKO FP: 2931
 MARTYNOVA VA: 1200
 MARUCHI N: 2932
 MARUFFO C: 75
 MARUGO M: 1540-1541
 MARUYAMA HB: 185
 MARUYAMA I: 2976
 MARUYAMA S: 3995
 MARUYAMA Y: 2045
 MARVER D: 2933-2934
 MARX AF: 1186
 MARY OF BOLOGNA: 2935-2936, 3383-3384, 4073-4074
 MASAKA M: 1403
 MASALA A: 995, 3835
 MASCILO G: 4565
 MASHALY MM: 4120
 MASHAK I: 4211
 MASHAK SE: 2937
 MASIN G: 4362
 MASLAND RL: 780
 MASON AS: 2938
 MASON DK: 4519-4520
 MASON DM: 519
 MASON HS: 2066
 MASON JW: 2939
 MASON NR: 2144
 MASON P: 28
 MASON RC: 763
 MASON ST: 2940
 MASON TJ: 3657
 MASS MF: 787
 MASSA R: 825
 MASSAL'SKAIA LM: 2722
 MASSARA F: 636
 MASSARRAT S: 2941
 MASSEY FM: 593
 MASSICOTTE P: 2942
 MASSINI P: 2763
 MASSION WH: 2943
 MASSRY SG: 532, 804-805, 2944
 MASSUDA HK: 2678
 MASTERS CJ: 3254
 MASUBUCHI Y: 1885
 MASUDA Y: 3140
 MASUKO K: 2051
 MASUR J: 2945
 MATANYI S: 5005
 MATARADZE GD: 4718
 MATAYOSHI K: 2052
 MATESHA EI: 3694
 MATHAI G: 2199
 MATHAI S: 3189
 MATHER RE: 4689
 MATHEWSON SM: 1424
 MATHIAS S: 2160
 MATHUR AK: 2946
 MATHUR DS: 3235
 MATHUR PN: 2947

MATI JK: 2948, 3189
 MATIASH IUM: 4603
 MATISONN A: 4904
 MATLINA EA: 4665
 MATO JM: 2949
 MATSCHNER JT: 2950
 MATSUBA M: 2244, 2951, 3221
 MATSUBAYASHI K: 2952
 MATSUDA M: 1745, 2953
 MATSUDA Y: 4943
 MATSUKURA S: 2954
 MATSUMOTO C: 796
 MATSUMOTO K: 3133
 MATSUMOTO M: 2955
 MATSUMOTO S: 2201
 MATSUMOTO Y: 2956
 MATSUMURA H: 3050
 MATSUMURA K: 2052
 MATSUSHIMA S: 2168
 MATSUYAMA S: 2957, 4935, 4953
 MATSUZAKI F: 2958
 MATTE R: 4646
 MATTHEWS BW: 2959
 MATTHEWS CG: 945
 MATTHEWS JL: 964
 MATTHEWS LS: 3561
 MATTHEWS LW: 415
 MATTHEWS RE: 3068
 MATTOCKS PW JR: 1320
 MATTON JR: 3494
 MATUCHANSKY C: 2960
 MATUKAS VJ: 3056
 MATUSZEWSKI W: 2961
 MATVEEV AA: 2962
 MATZ K: 2963
 MAUDE MB: 2964
 MAUDLIN RK: 2965
 MAURAT JC: 2621
 MAURER LH: 3574
 MAURICE P: 1710
 MAUSLE E: 2966-2968
 MAUSS J: 2969
 MAUTALEN C: 644
 MAUVAIS-JARVIS P: 2970-2971
 MAWDESLEY-THOMAS LE: 2972
 MAWHINNEY MG: 305, 2973
 MAXWELL DP: 1897
 MAXWELL JC: 4752
 MAY JD: 2974
 MAY P: 2975
 MAYAHARA T: 2976
 MAYEKAR G: 4313
 MAYER DT: 1659
 MAYER GP: 412
 MAYER J: 698
 MAYR A: 2977
 MAYS ET: 2978
 MAYUZUMI T: 4153
 MAZENOD B: 4568
 MAZHUGA PM: 2979
 MAZUMDAR SK: 2980
 MAZURIK BI: 4670
 MAZURKEVICH GS: 4096
 MAZUROV VI: 2981
 MAZZAFERRI EL: 3463
 MAZZE RI: 2982
 MCHEDLISHVILI GI: 2983
 MEAGHER JN: 227
 MEANS AR: 3361
 MEANS BJ: 2984
 MEARES JD: 958, 2707
 MECKLENBURG C VON: 1180
 MECKLENBURG RS: 2985-2986
 MECKLEY PE: 702
 MECS I: 4101
 MEDALIA O: 149
 MEDAU HJ: 2987
 MEDEIROS NETO GA DE: 2988-2989
 MEDINA A: 2990
 MEDINA D: 2991-2992
 MEDINA MA: 2146
 MEE M: 56
 MEGALLI M: 3894
 MEGEL H: 2851
 MEGYESI K: 2993
 MEHDI SQ: 3333
 MEHLIS O: 3795-3796
 MEHRING W: 2994
 MEHROTRA AN: 4454-4455
 MEHROTRA TN: 2995

AUTHOR INDEX

MEIER W: 4078
 MEIJER S: 2394
 MEILE MJ: 3884
 MEINHOLD H: 2996, 4824-4825
 MEISAMI E: 2997
 MEISS L: 2998
 MEISSNER HJ: 1773
 MEISSNER K: 2999
 MEISTRICH WL: 1624, 2645
 MEITES J: 1619, 3000, 4815
 MEJIA HERREMAN ME: 734
 MEKORI T: 3816
 MELA LM: 3271
 MELBY JC: 3651
 MELICAR M: 3001
 MELICOW MM: 3002
 MELIKIAN V: 843
 MELKI G: 3003
 MELLIN VM: 2520
 MELLO RS: 3004
 MELLORS A: 2192
 MELMAN AP: 3005
 MEL'NICHUK DA: 3048
 MEL'NICHUK PV: 2849
 MELNYKOVYCH G: 3971
 MELVIN JM: 293
 MENA F: 3006
 MENA I: 865
 MENARD J: 1380
 MENARD RH: 3007
 MENCZEL J: 2635
 MENDEL C: 3008
 MENDEL S: 4348
 MENDELSON FA: 3009
 MENDEZ M: 4967
 MENDICINO J: 12
 MENDIRATTA V: 2492
 MENDOZA SA: 3010
 MENENDEZ CE: 3011
 MENG W: 4672
 MENDER W: 3012
 MENGOLI C: 2602
 MENINI E: 3107
 MENKES CJ: 3013
 MENON N: 2492
 MENON RS: 2815
 MENSE S: 3014
 MEN'SHIKOV VV: 4408
 MENTZ P: 3015, 3025
 MENZINGER G: 107
 MERCIER-BODARD C: 171
 MERCK CC: 3016
 MERIKAS GE: 2887
 MERIMEE TJ: 1280
 MERKER HJ: 4028
 MERLIN L: 2927
 MERLO F: 3591
 MERRICK B: 1393
 MERRIL A: 3017
 MERRILL JP: 2594, 3595, 4376
 MERRIN C: 4661
 MERRITT DM: 3577
 MERTA A: 1146
 MERTENS HG: 2762
 MERTVETSOV NP: 3965
 MERTZ DP: 3018-3019
 MERWAHA DC: 3177
 MESA RIVERO J: 991
 MESA-TEJADA R: 3894
 MESHCHISHEN IF: 2429
 MESS B: 3020
 MESSER HH: 3021-3023, 4124
 MESSINA M: 3097
 MESSINGER K: 3513
 MESSINI M: 3024
 MESSNER B: 855
 MESSNER H: 1661
 MEST HJ: 3025
 MESTECHKINA AIA: 3026
 MESTMAN JH: 4195
 METAKSA IAV: 3437
 METCALF D: 3117
 METELITSA VI: 3036
 METRAKOS K: 1300
 METZ L: 3275
 METZGER J: 1096
 MEYER GF: 1830
 MEYER J: 3027-3028
 MEYER ME: 1359
 MEYER P: 1032, 1414
 MEYER RB JR: 69
 MEYER RK: 4922
 MEYER W: 3029
 MEYER-BAHLBURG HF: 3030
 MEYER-RIENECKER H: 3031
 MEYER ZUM BUSCHENFELDE: 3032
 MEYERS RT: 1645
 MEYERSON BJ: 3033
 MEYNADIER J: 3786
 MEZEI C: 3034
 MEZEI M: 3034
 MEZENTSEV AN: 4540
 MEZHENINA EP: 3035
 MHATRE RM: 1839
 MIANO JD: 4241
 MIASNIKOV LA: 3036-3037
 MICAL RS: 319
 MICHAELSON IA: 3489-3490
 MICHAJLIK A: 3038
 MICHAL G: 4926
 MICHALOVA K: 3265
 MICHALOWSI R: 3039
 MICHALUK J: 1611
 MICHEAL RP: 3040
 MICHEL G: 4487
 MICHELAKIS AM: 1270
 MICHELIS MF: 3041
 MICHIE EA: 3461
 MICHIE W: 3042
 MICHLIMAYR G: 4
 MICHIC R: 3243
 MICKOVA M: 2061
 MIDDLETON E: 3043
 MIDDLETON E JR: 806-807
 MIES R: 1807
 MIES U: 1807
 MIESTIECHKINA AIA: 3044
 MIETKIEWSKI K: 3045
 MIGEON BR: 3046
 MIGNOT J: 1256
 MIHAIL A: 675
 MIHALCA E: 3047
 MIHALY M: 1495
 MIHALY Z: 1495
 MIHATSCH MJ: 3779
 MIHOTIC MM: 3650
 MIKE V: 1718
 MIKHAILOVSKII VO: 3048
 MIKHAILOVA D: 4984
 MIKHEL'SON VA: 2044
 MIKHINA ZP: 3049
 MIKI M: 3050
 MIKI N: 3051
 MIKLASZEWSKA M: 3052
 MIKSCH L: 4987
 MILAS L: 274
 MILBAUER B: 2186
 MILDE K: 1814
 MILEA S: 4602
 MILEY CE: 3053
 MILGROM E: 3054
 MILHAUD G: 407, 690, 3160
 MILIARESSIS TE: 3946
 MILLAR JG: 4291
 MILLARD WJ: 1780
 MILLER AE: 428
 MILLER D: 3429
 MILLER DA: 4762
 MILLER DH: 1262
 MILLER EA: 3055
 MILLER EJ: 263, 3056
 MILLER EM: 3057
 MILLER FJ JR: 4840
 MILLER H: 1178
 MILLER IR: 192
 MILLER J: 486
 MILLER JB: 3058
 MILLER JD: 561
 MILLER LD: 344, 3271
 MILLER LH: 2223
 MILLER M: 3656
 MILLER MC: 2221
 MILLER RD: 2140
 MILLER RJ: 1938
 MILLER SW: 3059
 MILLER WR: 3060-3061
 MILLIEZ P: 3456
 MILLINGTON DS: 3062
 MILLMAN WL: 47
 MILLS DH: 3063
 MILLWARD-SADLER GH: 3608
 MILMAN LS: 3064
 MILNE JS: 421, 3065
 MILO GE JR: 3944
 MILTON-THOMPSON GJ: 4868
 MINASE T: 3350
 MINATO A: 1403
 MINCH E: 3459
 MINCULESCU M: 3387
 MINENKOV AA: 947
 MINGEOT R: 3066
 MINIOVICH AP: 36
 MINK IB: 2677, 3067
 MINKOWSKI A: 336
 MINNE H: 1610, 1870, 4968
 MINTON JP: 3068
 MINTS SM: 3069
 MINTZ U: 3070
 MINUTO F: 1540-1541
 MIRAKHMEDOV AK: 4607
 MIRAS-PORTUGAL MT: 169
 MIRIMANOVA RP: 3071
 MIROCHA CJ: 4326
 MIROSENKO AP: 2401
 MIROSHNIKOVA AF: 566
 MISIEWICZ JJ: 4868
 MISRA MP: 3072
 MISRA UK: 2946
 MITAL VN: 2491
 MITANI H: 3140
 MITCHEL JS: 3073
 MITCHELL JE: 3074
 MITCHELL ML: 3946
 MITCHELL WM: 401, 3381
 MITELMAN F: 503
 MITIS M: 2392
 MITKOVA IEM: 1673
 MITLER MM: 3075
 MITOVSKA M: 3292
 MITSUNAGA M: 4148
 MITTELMAN A: 3183, 4584
 MITTELMAN D: 3656
 MITTERMAYER C: 4385
 MITTRA I: 3076-3077
 MIURA M: 1779
 MIWA S: 4954
 MIYAI K: 3353-3354
 MIYAKE T: 1935, 3078
 MIYAMOTO E: 3079-3080, 3238
 MIYAMOTO T: 3187
 MIYANO T: 4625
 MIYASAKA K: 1886
 MIYASAKA M: 4495
 MIYATA M: 3995
 MIYATAKE K: 3219
 MIYAZAKI M: 129
 MIZERSKI K: 417
 MIZOGAMI S: 3081
 MIZUGUCHI K: 3952
 MIZUMOTO T: 3303
 MIZUNO T: 3227
 MLEJNKOVA M: 3921
 MOAKE JL: 3082
 MOBBS BG: 3083
 MOBERG GP: 3815
 MOBIN-UDIN K: 570
 MOBLEY JE: 3084
 MOCHIZUKI M: 4555
 MODAFFERI TR: 3085
 MODELL JH: 723
 MODENA G: 3591
 MODIGH K: 3086
 MODRZEJEWSKI W: 2184
 MODRZEWSKA R: 4429
 MOE N: 3087
 MOELLMANN G: 3088
 MOENS PB: 3089
 MOERTEL CG: 3090-3091
 MOFFAT DE: 3092
 MOFFITT EA: 3093
 MOGENSEN B: 3094
 MOGHISSI KS: 3095
 MOHAJER-SHOJAI E: 3568
 MOHR U: 4300
 MOHRING B: 1700
 MOHRING H: 4987
 MOHRING J: 1700
 MOINUDDIN M: 969
 MOISE SL JR: 3096
 MOK E: 1400

AUTHOR INDEX

MOKSONY I: 5005
 MOLEN HJ VAN DER: 559
 MOLINA MARTINEZ J: 3111
 MOLINA MIRO J: 4118
 MOLINATTI GM: 3097
 MOLINO G: 3098
 MOLINOFF PB: 2165
 MOLITOR MP: 3099
 MOLL W: 3100
 MOLLER GU: 270
 MOLLER JE: 3101
 MOLLER TR: 104
 MOLLER W: 3102
 MOLNAR D: 4677
 MOLOCZNIK I: 279
 MOLONEY WC: 4060
 MOLOSTOVA GV: 3103
 MOLZAHN M: 2714
 MONACO F: 112, 3104
 MONAHAN M: 596
 MONAHAN MW: 82
 MONAKHOV NK: 3105
 MONASTIRSKY R: 2590
 MONCADA S: 3106
 MONESI V: 1441
 MONETA E: 3107
 MONEY J: 3108
 MONTAGNA W: 2830
 MONTAGUTI A: 3109
 MONTALBETTI N: 937
 MONTE M: 4532
 MONTEIRO K: 2988
 MONTERO GARCIA JM: 3362
 MONTES A: 2143
 MONTI A: 3110
 MONTORO MARIN P: 3111
 MONTOTO E: 3112
 MONTZ R: 3113
 MONUS Z: 2573
 MOOR P DE: 3114-3115
 MOOR RM: 3116
 MOORE CM: 1951
 MOORE GE: 1038
 MOORE JG: 4561
 MOORE MA: 3117
 MOORE MR: 3118-3119
 MOORE R: 4661
 MOORE RH: 3067
 MOORHEAD JF: 882
 MOOTZ W: 3120
 MORABITO F: 3484
 MORACCI FM: 3121
 MORALES A: 3122
 MORALI G: 3123
 MORAN TJ: 1205
 MORATA GARCIA F: 3828
 MORDUE AJ: 1866
 MORDVINKINA TN: 3124
 MORECKI R: 3851
 MORELL P: 4586
 MORGAN DB: 3125
 MORGAN DR: 3126
 MORGAN FJ: 3127
 MORGAN H: 3128
 MORGAN JI: 3129
 MORGANROTH J: 2654
 MORGENSTERN E: 4755
 MORGNER KD: 3130-3131
 MORI A: 2955, 3132
 MORI H: 3133, 3952, 3956
 MORI KF: 1981
 MORI R: 3134
 MORII F: 2955
 MORII H: 3135, 3365
 MORIKAWA H: 3136
 MORILLO-CUCCI G: 4193
 MORIMASA T: 2955
 MORIMOTO S: 4940
 MORIN CL: 2643
 MORIN LP: 1242, 3137
 MORIN M: 3138
 MORIOKA H: 2012
 MORISHIGE WK: 3139, 3877
 MORISHIMA H: 130
 MORISHITA H: 3140
 MORISSET J: 292
 MORITA Y: 3141
 MORIYA Y: 4461
 MORLEY AR: 63
 MORLEY J: 4873

MORNEX R: 355
 MORNSTAD H: 3142
 MOROJI T: 152
 MOROZ IUA: 3143
 MOROZOVSKAIA LM: 4668
 MOROZOWICH W: 3144
 MORREALE DE ESCOBAR G: 3980
 MORRIS AF: 600
 MORRIS CE: 729
 MORRIS HP: 4590
 MORRIS HR: 534
 MORRIS ID: 1535-1537
 MORRIS JA: 852
 MORRIS R: 3920
 MORRIS RC JR: 3145
 MORRISON JA: 1992
 MORRISON SD: 3146
 MORROW JW: 1573
 MORSE BM: 3147
 MORSE HG: 925
 MORSE ML: 925
 MORSE SR: 3148
 MORSEY MR: 1744
 MORTELMANS J: 4669
 MORTIMER CH: 356, 3149-3152, 4012
 MORTON DB: 3153
 MORTON JJ: 2990
 MORVAY J: 3154
 MOS L: 3155
 MOSCONA AA: 3988
 MOSER H: 3156
 MOSER KM: 1579
 MOSES AM: 1637, 3328
 MOSES H 3D: 2327
 MOSES T: 1542
 MOSKALIK KG: 3157
 MOSKWA G: 2175
 MOSS DW: 831
 MOSS RL: 3158
 MOTAWI MM: 3212-3213
 MOTOMATSU T: 2009, 2021
 MOTT JC: 3586
 MOTTA M: 825, 3159
 MOTTET J: 3282
 MOTTO GS: 744
 MOTZOK I: 2787
 MOUCHA R: 3276
 MOUKHTAR MS: 3160
 MOULDS RF: 3161
 MOUNT BM: 3162
 MOUNT CD: 4241
 MOUNT LA: 1284
 MOUNTJOY CQ: 3163
 MOURIDSEN HT: 1214
 MOUV DR: 3164
 MOW VC: 2229
 MOWSZOWICZ I: 3165
 MOY P: 4616
 MOZES E: 3166
 MOZHAIEV HA: 4581
 MROCEK WJ: 3167
 MUELLER EA: 4660
 MUELLER KH: 4264
 MUELLER NJ: 4761
 MUGAMBI M: 2948, 3189
 MUGDAN A: 1662
 MUGFORD RA: 3168
 MUHLEN A VON ZUR: 3131
 MUHLEN V ZUR: 1969
 MUHLENFELS W VON: 1664
 MUHLENKAMP H: 2626
 MUIRHEAD M: 3169-3170
 MUKADUM FK: 4714
 MUKAINO S: 3948
 MUKHAMEDOV N: 4229
 MUKHERJEE AB: 3171
 MUKHERJEE AP: 3172
 MUKHERJEE BN: 3173
 MUKHERJEE G: 3987
 MUKHTAROV AA: 3174
 MULA ME: 428
 MULDER B: 4523
 MULDOON TG: 2398
 MULIER JC: 3832
 MULLAN S: 1501
 MULLANEY PF: 562
 MULLEN JL: 3848
 MULLER AF: 1233
 MULLER D: 4875
 MULLER EE: 3175

MULLER H: 880, 4796
 MULLER J: 285
 MULLER OA: 2723
 MULLER P: 4078
 MULLER R: 1232
 MULLER US: 4589
 MULLER-BESS R: 3176
 MULLICK RN: 3177
 MULROW PJ: 1332, 2572
 MULTARI G: 2007
 MUMFORD JP: 3178
 MUNEMURA M: 2202
 MUNOZ JM: 1511
 MUNRO AB: 3179
 MUNRO HM: 3180
 MUNRO R: 1228-1229, 3180
 MUNSAT TL: 1346
 MUNSON PL: 845, 3181
 MUNTEANU V: 1495
 MUNTZING J: 3182-3183
 MUNZEL M: 3184
 MURAD F: 2304, 3185
 MURAI S: 49
 MURAKAMI A: 3186
 MURAKAMI M: 3187
 MURAKAMI N: 3011
 MURAKAMI T: 1406, 4625
 MURAKAMI Y: 2053
 MURANO T: 4937, 4945
 MURIE N: 3188
 MURISON J: 2820
 MURIUKI FB: 2948, 3189
 MURKEN JD: 2498
 MURPHY DL: 661
 MURPHY GP: 3183, 4584, 4661
 MURPHY ML: 1718
 MURRAY JB: 2002
 MURRAY MA: 363
 MURRAY WJ: 2158
 MURRAY-LYON IM: 1154
 MURSKIKH AP: 2488
 MURTHY VK: 3190
 MUSA K: 2202
 MUSACCHIO JM: 1539
 MUSAGALIEVA GM: 3191
 MUSCHEK LD: 3192
 MUSSO M: 643
 MUSTARD JF: 2706
 MUSUMECI R: 3193
 MUTH PB: 3194
 MUTH H: 334
 MUTT V: 3195
 MUTTINI C: 3097
 MWEGA VJ: 738
 MYANT NB: 2837
 MYERS D: 3196
 MYERS EN: 3196
 MYERS GH JR: 1482
 MYERS RD: 2923
 MYGIND N: 3197-3198

N

NABARRO JD: 2118, 4291
 NABBEN FA: 543
 NABER CB: 910
 NABORS CJ JR: 3199
 NACCARATO WF: 3200
 NACHMANSOHN D: 3201
 NACHMIAS VT: 3202
 NACIAZEK-WENIAWSKA A: 2466
 NADAKAVUKAREN MJ: 575
 NADER S: 3203
 NADKARNI A: 1617
 NADKARNI VB: 3943
 NADZHAROV AG: 3204
 NAESS O: 3205
 NAGAHAMA Y: 3134
 NAGAHATA M: 3206
 NAGAKURA T: 2496
 NAGAMACHI T: 3207
 NAGANT DE DEUXCHAINES C: 474
 NAGAO S: 2517
 NAGASAWA H: 3206-3210
 NAGATA I: 128
 NAGATA N: 2506, 3717
 NAGATSU T: 2200-2201, 3225
 NAGAWA Y: 1410
 NAGER F: 3211
 NAGGAR V: 3212-3213

AUTHOR INDEX

NAGLE CA: 655
 NAGODE LA: 4791-4792
 NAGOVITSIN BV: 1193
 NAGY J: 3214
 NAGY P: 903-904, 2086
 NAHORSKI SR: 1158
 NAHRWOLD ML: 1017
 NAIDENOV N: 3215
 NAIDOO J: 848
 NAINIS IV: 3216
 NAJARIAN JS: 2324
 NAJENSON T: 3981
 NAKAGAWA M: 3217
 NAKAJIMA H: 3218
 NAKAMURA A: 4555
 NAKAMURA E: 2306
 NAKAMURA H: 3219
 NAKAMURA K: 3220, 3992
 NAKAMURA M: 3221
 NAKAMURA T: 3222
 NAKAMURA Y: 2012, 3223
 NAKANE K: 2506
 NAKANE S: 3224
 NAKANO G: 3225
 NAKANO M: 784, 3050, 4151
 NAKANO R: 3226-3227
 NAKANO T: 3228
 NAKAO H: 2953
 NAKAO T: 3141, 4148-4149
 NAKASHIMA T: 4598
 NAKATANI HY: 1877
 NAKAURA S: 2517
 NAKAYA S: 2412-2413
 NAKAZATO Y: 3229
 NAKHASI HL: 3691
 NALBANDOV AV: 840, 1226
 NALBANDOV AV: 3230
 NAMAZOVA AA: 3231
 NAMB A: 3232
 NAMB A: 3963
 NANCE DM: 3233
 NANCE SL: 4521
 NANDRA A: 790
 NANKIN HR: 117, 3234
 NARANG NK: 3235
 NARODETSKAIA RV: 3236
 NARS PW: 3237
 NARUMI S: 3238
 NARWID TA: 3239-3240
 NASH D: 1222
 NASSAR BA: 2878
 NAST HP: 3563
 NASU T: 3241
 NATALE P: 4570
 NATARAJAN AT: 2325
 NATH K: 4921
 NATH N: 3242
 NATH R: 4202
 NATHANIELSZ PW: 3243, 3866
 NAUDINOVA NV: 3244
 NAUMAN A: 2415, 3245
 NAUMAN J: 2415, 3245
 NAUMOV NN: 236
 NAUMOVA EV: 3246
 NAVA Y SANCHEZ RM: 3247
 NAWADA H: 2009
 NAYFEH SN: 1756
 NAYLER WG: 3248
 NAYLOR AA: 780
 NAYLOR RJ: 860
 N'DIAYE B: 2896
 NEALE G: 4183
 NECKERS L: 4425
 NEDILKO ES: 3249
 NEDOSEKO GF: 4707
 NEELAKANTAN C: 749
 NEELAKANTHAN C: 748
 NEELON FA: 4218
 NEGOMIREANU T: 1475
 NEGRO-VILAR A: 2782, 3250
 NEGRONI P: 3251
 NEGRONI R: 3251
 NEGRONI DE BONVEHI MB: 3251
 NEIDHARDT B: 2836
 NEIFAKH SA: 3252
 NEIL-DWYER G: 3253
 NEILL AR: 3254
 NEILL JD: 3255
 NELSON CN: 410
 NELSON JP: 4142

NELSON L: 703
 NELSON MF: 2078
 NELSON VR: 2030
 NEMECEK S: 3256
 NEMETH S: 4692
 NENOT JC: 3138
 NEPOKROEFF CM: 1116, 3257
 NERUP J: 3258-3259
 NESHEIM BI: 3260
 NESHEV G: 3261-3262
 NESS GC: 1116, 3257
 NESTERIN MF: 3236
 NESTOR JJ JR: 713
 NESTOR KE: 3263
 NEUBAUER M: 1008
 NEUFELD AH: 3264
 NEUHOF H: 4385
 NEUHOFF V: 3404-3405
 NEUMANN E: 3201
 NEUMANN F: 3301
 NEUWIRTH J: 3265
 NEVILLE AM: 1939, 3640, 3775
 NEVILLE DM JR: 2993
 NEWALL CE: 1531
 NEWBERNE PM: 3829
 NEWCOMBE DS: 3398
 NEWCOMER WS: 1992, 3266, 4968
 NEWMAN AJ: 2972
 NEWSOME DA: 3267
 NEWSOROFF GP: 4244
 NEWSTEAD DF: 3268
 NEWTON JR: 2132
 NEY PG: 3788
 NG C: 459
 NGUYEN VC: 3269
 NGUYEN-BA GIAO: 696
 NIALH HD: 2002, 2075, 2284, 3998, 4089
 NICE E: 3270
 NICE GW: 653
 NICHOLAS GG: 3271
 NICHOLLS PW: 2095
 NICHOLSON BL: 3272
 NICHOLSON TC: 3273
 NICOL CJ: 3274
 NICOL SE: 2475
 NICOLAESCU T: 3275
 NICOLAIDIS S: 3884
 NICOLESCU T: 3276
 NICOLIS GL: 1426
 NICOLOFF JT: 4195
 NICLOTTI RA: 4618
 NICULESCU J: 1495
 NIEBUHR E: 3277
 NIEDERER W: 3278
 NIEDERGERKE U: 3131
 NIEDERMAYER W: 386
 NIEKERK CH VAN: 3279
 NIELSEN G: 3280
 NIELSEN H: 3281
 NIELSEN J: 771, 3282, 4983
 NIELSEN JO: 1043
 NIELSEN KR: 2569
 NIELSEN M: 3281
 NIELSEN MK: 4192
 NIELSEN TP: 3283
 NIEMANN KM: 3284
 NIEMI M: 1060
 NIESCHLAG E: 2341, 3285-3287
 NIETO L: 317
 NIEWODNICZY A: 3661
 NIEZGODA J: 3922
 NIINIKOSKI J: 4444
 NIKITIN VN: 3143
 NIKITINA LV: 2571
 NIKKILA EA: 3288
 NIKOLAEV AIA: 3289
 NIKOLAEVA NV: 3290
 NIKOLAICHUK LV: 3291
 NIKOLENKO SA: 1500, 3037
 NIKOLOVA R: 3292
 NILSSON BE: 598
 NILSSON IM: 1805
 NILSSON KO: 3293
 NILSSON L: 3294, 4100
 NILSSON O: 3295
 NILSSON P: 343
 NILSSON T: 3182
 NINFO V: 3296
 NIRMALAN GP: 3818
 NISHI H: 4774

NISHI K: 3297
 NISHIDA S: 3298
 NISHIHARA T: 4933
 NISHIKAWA M: 1796
 NISHIKAWA T: 3299
 NISHIMURA T: 1419, 3366
 NISHINO H: 3300
 NISHINO Y: 3301
 NISHIO H: 3302, 4087
 NISHIZAWA EE: 2708
 NISHIZAWA K: 1777
 NISHIZUKA Y: 3303
 NISPEANU P: 3304
 NISON DW: 3305
 NISTRUP MADSEN S: 2262
 NISWANDER KR: 3067
 NITZAN M: 3306-3307
 NIVEN PA: 3308
 NIVY S: 2891
 NIWELINSKI J: 4898
 NKRUMAH FK: 3309
 NOAILLAC-DEPEYRE J: 3310
 NOCKTON R: 2222
 NODA Y: 4450
 NOEL B: 3282
 NOEL GL: 3311
 NOEL P: 1153
 NOGALES FF JR: 3312
 NOGEIRE C: 4804
 NOGUEIRA O: 859
 NOH E: 3346
 NOLAN G: 2161
 NOLAND BJ: 3313
 NOMOTO T: 1418
 NOORDHOEK J: 449
 NORDENSKJOLD B: 3314
 NORDIN BE: 3
 NORDQUIST RE: 3315, 3443
 NORGAARD-PEDERSEN B: 1429, 3316-3317
 NORI A: 3318
 NORMAN AW: 532-533, 803, 3319, 3911
 NORRIS DO: 3594
 NORRYD C: 2753
 NORTH M: 1980
 NOTERMAN J: 451
 NOTHEL H: 3320
 NOVAK G: 4840
 NOVAK JK: 260
 NOVIKOVA NP: 2928
 NOVINSON T: 3321
 NOVINSON TC: 4044
 NOVOKHATSKII AS: 3322
 NOWAK J: 252
 NOWAK W: 2184, 4368
 NOWICKI M: 3323
 NOYES C: 2322
 NOZAKI H: 3324-3325
 NOZAKI M: 2045
 NOZAKI S: 4458-4460
 NOZU K: 3326-3327
 NTALLES K: 2023, 2865
 NTUYABALIWE WK: 4222
 NUDD LM: 2560
 NUMANN PJ: 3328
 NUNES JE DE: 354
 NUNEZ E: 3329
 NUNEZ J: 3612
 NUNOKAWA O: 2241
 NURGAZIEVA MIU: 3330
 NUSS A: 3331
 NUSSBAUM H: 2171
 NUSSBAUM JL: 3332
 NUSSEY SS: 2841, 3333
 NUTI L: 1538
 NUTIK G: 3334
 NUTRIZIO V: 4536
 NYGREN KG: 3295
 NYLANDER PL: 2524
 NYORMOI O: 3335

O

O SH: 3494
 OAKLEY RE: 3336
 OASHI A: 2295
 OASHI T: 3324
 OBARA K: 3415
 OBEID A: 929
 OBERHAUSEN E: 334
 OBLAPENKO NG: 4972

AUTHOR INDEX

OBOL'NIKOVA EA: 3105
O'BRIAN JT: 3337, 3625
O'BRIEN D: 914
O'BRIEN DE: 3321
O'BRIEN JJ: 2783
O'BRIEN JR: 3338
O'BRIEN PJ: 1957
OBROWSKA D: 1600
OBUT TA: 3246
O'BYRNE EM: 4140
O'CALLAGHAN SE: 955
OCHIAI K: 3407
OCHOA DE RETANA I: 3339
OCHS HG: 3340, 4818
OCON J: 3341
O'CONNOR JD: 1422, 2745
O'CONNOR JF: 3342
ODA T: 2202
ODAVIC M: 3343
ODDOY A: 1680
ODEBERG H: 3344
ODELL WD: 2809
O'DONNELL TV: 1921
OECHSLI FW: 3345
OEFF K: 4825
OEHLISCHLAGER AC: 1397
OEHME FW: 2267-2268
OELSHLEGEL FJ JR: 526
OEN SA: 2477
OERTEL GW: 4025
OEST O: 3346
OETLIKER OH: 3347
OGASA A: 4953
OGATA E: 3346, 3717
OGAWA E: 3349
OGAWA K: 3350
OGAWA M: 4267
OGAWA N: 1947
OGDEN GW: 1431
OGER J: 3351
OGIHARA T: 3352-3353, 4942
OGINO K: 3948
OGIWARA T: 1074, 3354
O'GRADY JE: 3355
O'GRADY JF: 3356
OGSTON D: 4765
OGUNDE O: 1696
OGUNRO C: 3108
OGURA JH: 383
OGURA Y: 1185, 1420
OH SH: 3357
O'HALLORAN MW: 4809-4810
O'HARE MJ: 1939
OHLENDORF CE: 1371
OHLENGER C: 2971
OHRN PG: 1379
OIGARD A: 1091
OISHI T: 3358-3359
OIVIN IA: 3360
OJEDA SR: 3361
OJEDA PEREZ E: 3362
OKA A: 2040
OKA H: 2202
OKA T: 3363
OKABE S: 4451
OKADA Y: 1419
OKAJIMA J: 3364
OKAMOTO T: 3365
OKAMURA H: 3366
OKANO K: 1408
OKAWARA A: 3303
O'KEEFE E: 3367
OKEN DE: 1301
OKERLUND MD: 1630
OKI Y: 2957, 4152
OKONIEWSKI R: 4489
OKOS A: 889
OKSALA E: 2586
OKSENKRUG GF: 3555
OKU T: 3368
OKUAKI A: 3325
OKUBO T: 3303
OKUIZUMI M: 3369
OKUMOTO M: 4534
OKUMURA T: 4092
OLAFSSON A: 3327
OLBING H: 3370
OLDFATHER T: 3371
OLDING LB: 3372
OLDSTONE MB: 3372

O'LEARY JA: 3373
O'LEARY JL: 3373
OLEKSIN GO: 2513
OLEKSY J: 2393
OLESEN OV: 3374
OLESHKO PS: 2511
OLESZCZUK J: 2333
OLIVA HA: 3312
OLIVEIRA JE DE: 663
OLIVEIRA LA DE: 3846
OLIVER I: 4296
OLIVER J: 3375
OLIVER JH JR: 3376
OLIVER KL: 3493
OLIVER M: 2930
OLIVER MF: 3377
OLIVEREAU JM: 3378
OLIVIER GC: 3379
OLLMANN JE: 4695
OLOFSSON T: 3344
OLSON HM: 4960
OLSSON I: 503, 3344
OLSSON K: 3380
OLSSON KE: 936
O'MALLEY BW: 3381
OMENN GS: 3443
OMORI K: 3352
ONAYA T: 3382, 4595
O'NEILL JJ: 4539
O'NEILL YV: 2935-2936, 3383-3384, 4073-4074
ONISHI O: 3303
ONO H: 3385
ONO S: 3386
ONODERA S: 3960
ONOE T: 3350
ONOFREI T: 3387
ONOKI M: 4436
ONOPRIENKO GA: 1111
ONSTAD O: 2750
ONIZUMI K: 3368
OONA K: 4938
OPEL H: 3388
OPIT LJ: 518
OPITZ JM: 3389
OPPOLZER R: 1040
O'RANGERS JJ: 2076
ORAVEC M: 4963
ORDER SE: 3390
ORDONEZ GE: 922
OREKHOV AN: 4257
OREN ME: 3082
ORENSTEIN JM: 3391
OREPOULOS DG: 3392
ORGBIN-CRIST MC: 3393
ORHA I: 3394
ORIAS R: 2782, 3250
ORIE NE: 450
ORIMO H: 1409, 3395
ORIOL BOSCH A: 3396
O'RORDAN JL: 2284, 3998
ORLOFF MJ: 2611, 3085
ORLOWSKA-MAJDAK M: 1690
ORME M: 4182
ORME-JOHNSON WH: 1513
ORR FG: 3042
ORSKOV H: 3397
ORTELL RW: 3398
ORTEN JM: 4801-4802
ORTIZ JR: 3399
ORTS RJ: 3400-3401
ORUSCO M: 1110
ORWIN A: 3402
OSADA J: 1069
OSAWA N: 2241, 3403
OSAWA Y: 312
OSBORN LW: 3616
OSBORNE CA: 3537
OSBORNE NN: 3404-3405
OSCHINSKI GM: 4889
OSCHINSKI HM: 4889
OSEKO F: 3406
O'SHEA A: 2118
OSHIMA H: 3407
OSHIMA T: 1403
OSHITOK GI: 1179
OSHOVSKAIA TT: 3408
OSIPOVA TA: 2255
OSMAN AM: 3409
OSTASHEVSKAIA MI: 3410
OSTERLAND CK: 1202

OSTERLINE K: 108
OSTERMAN B: 37
OSTLER HB: 4431
OSTLUND RE: 3411
OSTROWSKA T: 2359
OSTROWSKI W: 1748
OSTRZENSKI A: 3412
OSTWALD TJ: 2821
OSUCH T: 2095
O'SULLIVAN JP: 3413
OTA K: 3414
OTA M: 3415
OTA T: 3414
OTMER E: 3416
OTT CE: 2355
OTTE JB: 1268
OTTER HP: 3677
OTTO S: 2369
OTTOLENGHI A: 3417-3418
OTTOLENGHI T: 4576
OTUKI M: 3956
OUCHI T: 3419
OURISSON G: 3472
OUS S: 3420
OUTRAM GW: 3421
OVNATANOVA MS: 2539
OWEN CA JR: 3422, 4496
OWEN JJ: 4284
OWEN K: 3423-3424
OWENS RB: 3425
OYAMA M: 4475
OYAMA T: 3395
OZAWA H: 2024, 2046, 2067, 3426
OZAWA K: 3993-3994
OZDEMIR IA: 2509, 3427
OZERIANSKAIA AL: 4217
OZON R: 3425

P

PAASONEN MK: 39
PACE RC: 3732
PACE WG: 4213
PACE-ASCIAC C: 3429
PACHOLCZYK D: 4500
PACHTMAN H: 3430
PACKMAN PM: 3431
PADALKA ES: 3069
PADBERG D: 3548
PADDISON RM: 1706
PADIEU P: 1026
PADRE R: 3712
PAGE DL: 4657
PAGE LA: 3432
PAGE-EL E: 3577
PAGER J: 3433
PAGES A: 3434
PAICE JC: 1963
PAIK VS: 1374
PAIK YK: 4478
PAINE TF JR: 3435
PAJULA RL: 2907
PALAIC D: 2633
PALASZ M: 3436
PALAZZUOLI V: 1615
PALER V: 3684
PALITTI F: 3803
PALKOVITS M: 555, 3927
PALL JS: 4512
PALLADI GA: 3437
PALLOTTA J: 847, 1167
PALMA EL: 3438
PALMER FJ: 3439
PALMER GC: 3440-3441
PALMER RD: 486
PALMIERI GM: 3442-3443
PALMIERI MA: 3315
PALMITER RD: 3444
PALOUTZIAN RF: 3158
PALUMBO E: 1004-1005
PALVA A: 3445
PALVA T: 3445
PAN P: 3446
PAN T: 2547-2548
PANCHENKO LF: 4341
PANCHENKO NA: 4708
PANCZENKO B: 1948
PANDE JK: 4204
PANDOLFI M: 156
PANDOLFI S: 793

AUTHOR INDEX

PANERAI A: 3175
PANG LC: 1895
PANG LS: 4982
PANG PK: 3447
PANG RK: 3447
PANG SF: 3448
PANJABI MM: 4839
PANKOV IUA: 2255, 3449
PANKOVICH AM: 3450
PANKSEPP J: 3451-3452
PANNBACHER RG: 3453
PANOWA D: 4559
PAN'SHINA MV: 3425
PANSU D: 407
PANT HC: 3454
PANTAZIS N: 3351
PANTIUKHIN IV: 1282
PANYATHANYA R: 4169
PAOLAGGI JB: 3455
PAOLI GELLI A: 1543
PAPADOPOULOS H: 4589
PAPAGEORGIOU C: 4887
PAPAIONOMOU E: 4228
PAPANICOLAOU N: 3456
PAPOKOFF H: 2870, 3457
PAPP Z: 3458
PAPPAS BA: 3459
PAPPAS GD: 3808
PARAN M: 3480
PARASKEVAS G: 4587
PARBOOSINGH J: 3461
PARDO-MINDAN FJ: 3462
PARE G: 1329
PARENT JM: 1000
PARENT MA: 848
PARISI AF: 3463
PARK CR: 3578
PARK LJ: 3464
PARK J: 673-674
PARK WK: 2633
PARKER BR: 3465
PARKER CW: 3446, 3466
PARKER FB JR: 2509
PARKER G: 3467
PARKER HR: 451
PARKER JC: 3776
PARKER JL: 3468
PARKES AS: 3469
PARKES DG: 3470
PARKIN JM: 3471, 4863
PARKS LW: 3472, 4514
PARKS OW: 528
PARLOW AF: 3473, 4123, 4165-4166
PARMEY WW: 3874
PARRAK V: 3474
PARROT M: 690
PARROTT RF: 3475-3476
PARSONS JA: 3477
PARSONS V: 3478
PARTH K: 4994
PARTHMORE JG: 3479
PARTRIDGE JJ: 3480
PARTRIDGE LD: 3481
PARVICI N: 1172
PARVING HH: 3868
PARVIZI N: 1173
PARWARESCH MR: 4505
PASANEN S: 3482
PASANTES-MORALES H: 3483
PASARGIKLIAN E: 3484
PASCAUD XB: 3485
PASCHERO G: 1325
PASHAYAN HM: 1253, 3856
PASHKOVSKAIA IS: 2512
PASIC I: 3486
PASNIKOWSKI T: 3487
PASQUALI F: 4118
PASRICHA JS: 4281
PASTAN I: 101, 3411
PASTOR SB: 3488
PATAU K: 4503
PATEL AJ: 3489-3490
PATEL SM: 676
PATHAK L: 3072
PATIL PN: 1721
PATKIDINOV P: 4607
PATORSKA-MACH E: 4429
PATRICK J: 4054
PATRICK JE: 1255
PATSCHE D: 3491

PATTEN BM: 3492
PATTEN PT: 1309
PATTERSON D: 3493
PATTERSON R: 3357, 3494
PATTERSON WD: 3495
PATTON JL: 4766
PAUL R: 3496
PAULSON GW: 3497
PAUMGARTNER G: 2515
PAUSESCU E: 3498
PAVEL O: 2866
PAVLOVIC-HOURNAC M: 3499
PAWELEK J: 4659
PAWLICKA E: 2184
PAWLIKOWSKI T: 3500
PAWLSON LG: 3501
PAXMAN PJ: 3502-3503
PAXTON H: 68
PAXTON JW: 3119
PAYAKKAPAN W: 164
PAYDAR M: 3712
PAYNE AP: 3504-3505
PAYNE CM: 4347
PAYNE R: 65
PAZIANOS A: 4516
PAZZAGLI M: 632, 1337-1338, 3506
PEACOCK M: 161
PEAKER M: 3507
PEARCE J: 222
PEARLMAN WH: 1669
PEARLMUTTER AF: 3508
PEARSE AG: 3509-3510, 3871
PEARSON OH: 4516
PEARSON PL: 3511
PEART WS: 1161
PEAT G: 1771
PECEVSKI J: 4000
PECHET L: 745
PECHET MM: 1788, 3512
PECK EJ JR: 97
PECK WA: 3513
PEDDIE MJ: 1084
PEDERSEN GT: 2558
PEDERSEN OL: 3514
PEDERSEN PH: 1635
PEDICONI M: 3765
PEDRAZZOLI S: 1243
PEERY A: 3542
PEETERS G: 3515
PEETERS H: 4669
PEEVA A: 3577
PEGG CA: 3042
PEHLEMAN FW: 3518
PEINHARDT G: 3517
PEIPER HJ: 147
PEKKARINEN M: 3833
PELET B: 3518
PELKONEN R: 1594, 3288
PELLETIER G: 3519-3520
PELLETIER J: 1447
PELLETIER PA: 2101
PELLISSIER JF: 764
PELLMAN C: 4121
PELOSI SS: 54
PELOUCH V: 2447
PELTIER LF: 3521
PELTOLA O: 2906
PELTON EW: 275
PELTONEN JI: 2524
PENA JF: 2156
PENA M: 4631
PENCKA V: 3522
PENDERGRASS HP: 3059
PENG FS: 3906, 3947
PENN I: 2399
PENNA M: 2988
PENNING W: 302
PENNINK M: 3128
PENNY RH: 3523
PENPARGKUL S: 3524
PENTIKAINEN P: 3525
PENTIKAINEN PJ: 4759
PENTO JT: 3526
PEO ER JR: 910
PEPE GJ: 3527, 3877
PEPEU G: 3528
PEQUIGNOT H: 1115
PERA F: 3529
PERACCHI M: 3175, 3530
PERCIVAL R: 3531

PERDRUP A: 3532
PEREIRA MH: 3846
PERETMERE C: 838
PERETZ B: 3533
PEREZ F: 2893
PEREZ G: 3930
PEREZ CORRAL F: 3534
PEREZ-PALACIOS G: 3123
PEREZ TAMAYO L: 3640
PERHACE JL JR: 265
PERHEENTUPA J: 2097, 4614
PERKINS IV: 3309
PERKS AM: 3904
PERLI PD: 3535
PERLMAN SM: 3438
PERLOFF LJ: 3536
PERLOW M: 488, 4804
PERMAN V: 3537
PERNOD J: 2601
PERNOLLET MG: 1032
PERON FG: 2303
PERON FG: 2680
PEROVA NV: 1500
PERPETUO FO: 3538
PERRAULT M: 3539
PERRIS AD: 3129
PERRON L: 4532
PERROTTET C: 1216, 3540
PERRY JW: 3363
PERRY S: 2697
PERRY SV: 1884
PERRYMAN EK: 3541
PERSELLIN RH: 3542
PERSIANINOV LS: 2473, 2722, 3543
PERSICHETTI B: 1066
PERSSON CG: 103
PERTICONE P: 3803
PESANT P: 4646
PESCETTO G: 3544
PESQUIES P: 1380
PESSINA AC: 3545
PETELINA VV: 2518
PETER B: 2029
PETER S: 3546
PETERS DA: 3459
PETERS G: 577, 1620
PETERS H: 3547
PETERS HD: 3548, 4046
PETERS PD: 4278
PETERS PJ: 3423
PETERS RH: 3549
PETERS T: 2748
PETERS WJ: 3550
PETERSEN DF: 968
PETERSEN VB: 1212
PETERSEN-MAHTI I: 4785
PETERSON HD: 3551
PETERSON JA: 1644
PETERSON L: 3552
PETERSON PA: 4636
PETRACK B: 3553
PETREA I: 3554
PETRES J: 3331, 3750
PETRIE A: 4182
PETRIK P: 577
PETROV MN: 3555
PETROV VI: 2425
PETROVIC VM: 3556
PETROVICH IUA: 3557
PETTY LC: 3849
PETZOLD GL: 797
PEYRON C: 3558
PEYSER MR: 4547
PFAFFENBERGER CD: 1938
PFEIFFER C: 1680
PFEIFFER DR: 4760
PFEIFFER R: 1249
PFEIFLE J: 3559
PFEUFFER T: 3663
PFINGST BE: 4159
PHAM-HUU-CHANH: 4819
PHANCHET S: 4381
PHARMAKIOTIS AD: 3560
PHAROAH PO: 4811-4812
PHELPS D: 3561
PHENEKOS C: 4012
PHILIPP T: 1056-1057, 3562-3563
PHILIPPART M: 1346
PHILIPPI A: 1056-1057, 3562
PHILIPPU A: 3564

AUTHOR INDEX

PHILIPS SR: 3565
 PHILLIPPS GH: 1531
 PHILLIPS AD: 819
 PHILLIPS AG: 1289, 3581
 PHILLIPS GT: 855, 3566
 PHILLIPS JC: 3567
 PHILLIPS LL: 3568
 PHILLIPS TL: 4835
 PHILPOTT GW: 4508
 PHIZACKERLEY RP: 1067
 PHOENIX CH: 3569
 PI-SUNYER FX: 542
 PIASECKI Z: 1109
 PICADO C: 196
 PICAUD JJ: 1358
 PICCININI F: 4701
 PICHLMAIER H: 3570
 PICKARD BM: 325-326
 PICKARDT RC: 2723
 PICKEL VM: 3571
 PICKEN GM: 2103
 PICKERING BT: 4412
 PIDEMSKII EL: 3572
 PIDEVICH IN: 3573
 PIDOT AL: 3574
 PIECHOCKI R: 3767
 PIECZKO-KUDUK I: 3575
 PIEDAD OH: 853
 PIEPER KH: 1150
 PIERACH CA: 1035
 PIERCE CM: 3616
 PIERINGER RA: 1027
 PIERRE RV: 2856
 PIERREPOINT CG: 3867, 4510
 PIERRES M: 652
 PIETKIEWICZ D: 3580
 PIETREK J: 3576
 PIETRONI R: 4836
 PIHKO H: 3903
 PILDES RS: 3577
 PILGAARD S: 1143
 PILKIS SJ: 3578-3579
 PILLEN E: 1268
 PILTZ J: 3580
 PIMENOVA EI: 1437
 PIMENTEL EC: 3004
 PIMSTONE B: 3600
 PIMSTONE BL: 2816
 PINEL JP: 3561
 PINELLI A: 3582
 PINGGERA WF: 3583, 4899
 PINKBY B: 3584
 PINKHEAS J: 2342, 3070
 PINTADO T: 2856
 PINTILESCU V: 3275
 PINTO B: 276
 PINTO M: 3530
 PIOTROWICZ J: 1007
 PIPER KA: 1313
 PIPER PJ: 3585
 PIPKIN FB: 3586
 PIRAZZOLI P: 627-629
 PIRCH JH: 813
 PIRENNE Y: 835
 PIROTH HD: 1551
 PIRVULESCU M: 3387
 PISAREK-MIEDZINSKA D: 2120
 PISTOCCHI G: 938
 PISUGIN II: 4108
 PITTMAN FE: 3587
 PIVA F: 3159
 PIVER SM: 4723
 PIVNITSKII KK: 3588
 PIVOVAROV PI: 4670
 PLAETSEN L VAN DER: 3589
 PLAMENIAK Z: 1553
 PLANAS J: 3590
 PLANCHER AS: 3591
 PLAS C: 3592
 PLATT H: 3593
 PLATT JE: 3594
 PLETKA P: 3595
 PLOTTI G: 3107
 PLOUCHARD JM: 857
 PLOWMAN JK: 1279
 PLUSA T: 4771
 POCHET R: 426
 PODOBA J: 3596, 4181
 PODOLSKY S: 3597-3598
 PODOROZHNAIA RP: 3557

PODOS SM: 1629
 POGLIANI E: 3609
 POHLOUDEK-FABINI R: 2420
 POHORECKY LA: 3599
 POINTER RE: 4855
 POKROY N: 3600
 POKRYSHKIN VI: 80
 POLACEK J: 3162
 POLAK JM: 3510
 POLANSKY JR: 3601
 POLENOV AL: 3602
 POLEY JR: 3603-3604
 POLEY W: 3155
 POLI E: 3605
 POLIAKOVA NM: 2287
 POLITANO VA: 330
 POLITO L: 446
 POLITOFF AL: 3606
 POLIVY J: 3607
 POLK HC: 3371
 POLLACK R: 4710
 POLLARD SM: 3608
 POLLI EE: 3609
 FOLLOW B: 3610
 FOLLOW K: 2738, 3610
 POLOUS IUM: 1140
 POLYA GM: 3611
 POMERANTSEVA MD: 1239
 POMERANTZ S: 2362
 POMMIER J: 3612
 POND WG: 589
 PONGS O: 3613
 PONS D: 1522
 PONSIN G: 4568
 PONTE C: 3758
 PONTIROLI AE: 3530
 POODRY CA: 3614
 POOLE AE: 495-496
 POPA M: 1310, 3615
 POPE MH: 2073
 POPESCU HI: 2550
 POPESCU N: 1495
 POPKIN MK: 3616
 POPOV VG: 3617-3618
 POPOVA NK: 3246
 POPOVA TA: 3619
 POPOVIC V: 3486
 POPOVTZER MM: 306
 POPPE L: 2653
 POPPER H: 3620
 PORRA RJ: 3621
 PORRO RS: 4395
 PORTANOVA R: 4005
 PORTE A: 998
 PORTER DG: 3622
 PORTER JC: 319, 879, 3623
 PORTER JW: 1116, 3257
 PORTERFIELD AL: 4346
 PORTEUS SE: 3624
 PORTIOLI I: 3591
 PORTNAY GI: 3625-3626
 PORTUGAL-ALVAREZ J: 3627
 POSADA J: 1454
 POSEN GA: 3716
 POSEN S: 4240
 POSER H: 1245
 POSINOVEC J: 3628
 POSTERNAK T: 696
 POSTNOV IU: 3629-3630
 POSTON JW: 3631
 POSWILLO DE: 3632
 POT T: 3005
 POTSMANN W: 4799
 POTSAID MS: 3059
 POTTER DE: 3633
 POTTER K: 3634
 POTTER VR: 609
 POTTS GO: 883
 POTTS JT JR: 315-316, 412, 2075, 2284, 3998, 4089
 POUNDER RE: 3635
 POUSSE A: 3008
 POVOREKHO IA: 3636
 POWELL GF: 1930-1931
 POWELL JR: 3637-3638
 POWERS WH: 3639
 POWIS G: 400
 POWLES TJ: 3640
 POWNALL HJ: 3641
 POYSER NL: 3642, 4746
 POZEFSKY T: 4243

POZSGI N: 296
 PRAAG HM VAN: 3643
 PRADAL G: 2618, 3644
 PRADER A: 4023-4024, 4989
 PRAGA C: 3609
 PRAGER R: 3645
 PRAKHOV R: 3646
 PRANGE-HANSEN A: 3647
 PRASAD CU: 3648
 PRASAD KN: 3649
 PRASAD VK: 3650
 PRATAP VB: 1681
 PRATSIKA-OUGOURLOGLOU KG: 2887
 PRATT JH: 3651
 PREISIG R: 2515
 PREM KA: 1286
 PRENOSIL J: 3652
 PRENTICE CR: 1953, 2037
 PRENTICE FD: 3653
 PRESCOTT B: 83
 PRESMAN D: 3891
 PRESMAN DC: 4753
 PRESSER J: 789
 PRESSMAN BC: 986
 PRESTON C: 3910-3911
 PRESTON DF: 989
 PRETELL EA: 4318
 PREZIOSI P: 4007
 PRIBYL T: 4049
 PRICE DA: 1976-1977
 PRICE JS: 3163
 PRICE WH: 421, 3065
 PRICHARD RK: 3654
 FRIEDKALNS J: 3655
 PRIES C: 3656
 PRIESTER WA: 3657
 PRIEUR DJ: 4960
 PRILOP M: 4354
 PRIVAT Y: 1235, 3658
 PROAKIS AG: 3659
 PROCHAZKA B: 2145
 PROCOPIO G: 657
 PROCOPIO GF: 658
 PROESMANS W: 4653
 PROHASZKA M: 2538
 PRONIEWSKA W: 2184
 PRONINA NN: 3660
 PROUT TE: 4243
 PRUSINSKI A: 3661
 PRUZANSKY S: 3656
 PRYSE-DAVIES J: 2150
 PRZANYSKA M: 1689
 PRZEKASA W: 3662
 PRZYLEPA M: 4429
 PUCCI E: 2711
 PUCHKOVA LV: 3252
 PUCHWEIN G: 3663
 PUCK M: 3813
 PUCK TT: 2206, 3493
 PUCKETT LD: 3664
 PUDLAK P: 1339
 PUETT D: 1913
 PUIGDOLLERS JM: 1640
 PUITTINEN J: 62
 PUJOL JF: 4331
 PULICI S: 3605
 PULLIAM MW: 1370
 PULLMAN B: 3665
 PULRANG S: 3002
 PUPO A: 2988
 PUPO H: 233
 PURNELL DC: 3666
 PURVIS K: 3667
 PUSKAS G: 1933
 PUSTOVOIT B: 4718
 PUTERMAN DI: 2375
 PUTMAN CE: 1856
 PUTZKE HP: 2337
 PUVIANI R: 3520
 PYASENA MR: 4291
 PYCOCK C: 2154
 PYSTYNE P: 2535
 PYTEL A: 3668

Q

QUACK B: 3282
 QUADAGNO DM: 3669
 QUERIDO A: 4318
 QUESNEL SJ: 671

AUTHOR INDEX

JIJADA M: 2465
JIRK JM: 4453
JIROGA MICHEO E: 3670
VIST G: 3671

R

AACK C: 3016
AAHAVE D: 3101
ABALAIS FC: 620
ABBAT A: 1465
ABIE A: 801
ABIN BR: 3672
ABIN DL: 3673
ABINOVICH S: 2696
ABINOWITZ B: 3674
ABINOWITZ JG: 3675
ABINOWITZ Z: 4941
ABKIN R: 3676
ABOCH J: 3265
ABSON AS: 2742
ACEY PA: 3683
ACKWITZ R: 3677
ACZEWS Z: 3678
ACZYNSKA A: 2521, 3679
ADBERG C: 3680
ADCLIFFE MA: 3681
ADECKI L: 1477
ADECKI T: 2392
ADHAKRISHNAMURTHY B: 333
ADHAKRISHNAN VV: 41
ADO JP: 3682-3683
ADOSLAVOV V: 1496
ADU A: 3684
ADU H: 3684
ADWANSKA E: 2796
AE RM: 3274
AESE J: 19
AFFENBERG M: 4824
AFIBEKOVA ED: 3204
AGGI U: 3530
AHE RH: 3685
AHIMTOOLA RJ: 2682
AHMAN F: 3686
AHN KH: 3687
AIHA NC: 4065
AIKHLIN NT: 3688
AISZ LG: 2668
AITI S: 166, 2817-2818, 3689-3690
AJA RM: 3654
AJALAKSHMI R: 3691
AJU VB: 4394
AKITSKAIA VV: 3692
AKOFF J: 3693
AKSASOOK S: 4381
AKUT VS: 3694
ALCHEV KKH: 3695
ALL JE: 1369
ALL TW: 4065
RALPH CL: 3448
ALSTON E: 3696
AMAN R: 3697
AMANATHAN R: 2946
AMBAUT PC: 2596
AMEL C: 2325
AMP WK: 886, 3698
AMPINELLI L: 3699
AMSA M: 1300
AMSA MA: 3700
AMSDALE DR: 3701
AMSEY WS: 3702
AMSEYER J: 3703
AMU G: 3704
AMWELL PW: 2136
ANCON F: 2104
RANDALL WE: 3705
RANDLE GH: 3706
RANDLE RE: 2080
RANDOLPH HE: 3707
RANDOLPH VM: 1394
RANEK L: 109
RANING K: 2920
RANTA T: 2640-2641
RAO CV: 3708-3709
RAO GA: 3710
RAO LG: 43, 3711
RAO M: 3712
RAO MS: 41
RAO PN: 1891-1892, 4297
RAO PU: 3713

RAPADO A: 3534
RAPHAEL B: 257
RAPIN JR: 2081
RAPINO E: 3508
RAPINO NG: 3748
RAPOLA J: 4614
RASCHKE B: 3714
RASHEVSKY N: 3715
RASHID A: 849, 3716
RASMUSSEN H: 455, 964, 3717
RASMUSSEN P: 1753, 2689
RASTEGAR A: 3718
RASTOGI GK: 2876, 3719-3724
RASTOGI RK: 752
RASWEILER JJ 4TH: 972
RASZEJA-KOTELBA B: 3725
RASZYK J: 1139
RATCLIFFE JG: 1911, 2554, 3726, 3743-3744, 4075-4076
RATCLIFFE WA: 3726
RATH R: 4722
RATHER P: 3727
RATHORE AS: 2947
RATZMANN KP: 3728-3730
RAUB JA: 2699
RAUBESON R: 1763
RAULAI D: 3160
RAULT P: 1342
RAUTE M: 2998
RAVENKOVA RG: 2722
RAVID M: 2256
RAWSON SP: 1567-1568
RAY DE: 3679
RAYFIELD EJ: 1493
RAZINA LG: 3731
READ AE: 268
READ G: 4009
READ VH: 2780
REAGAN RL: 4960
REAGEN CR: 3732
REBAR R: 4947
REBBE H: 2107
REBOULLEAU C: 4184
REBROVA LA: 3733
REBUCK AS: 3734
RECCA R: 1051
RECK G: 3735
RECTOR FC JR: 4095
REDBURN DA: 3736
REDDI AH: 3737-3738
REDDING TW: 4013
REDDY V: 3739
REDGATE ES: 3740
REDGRAVE TG: 3805, 4831
RED'KIN IUV: 3741
REECE RW: 3742
REES GM: 3743
REES LH: 1910-1911, 2441-2442, 2554, 3743-3744, 4075
REES PH: 738
REES RW: 1631
REESE AC: 204
REEVES JJ: 1769
REFSDAL AO: 2751
REGAL EM: 4051
REGARD E: 3745
REICHELT A: 3746
REICHENBERG K: 4309, 4686
REICHERT LE: 2809
REICHERT LE JR: 3747
REICHLE FA: 3356
REICHLE RM: 3356
REICHLIN S: 180
REICHSTEIN KH: 3113
REIDY JA: 739
REILLY D: 2631
REILLY DP: 3448
REIMANN EM: 3748
REIMERS TJ: 3749
REINHARD W: 3750
REINHARDT V: 4014
REINKEN L: 3751
REINTOFT M: 3752
REINWEIN D: 2330
REISCHEL G: 4427
REISS E: 3753
REITEMEIER RJ: 3091
REITER RJ: 2747, 3754
REITZIG P: 4057
REKKER RF: 1186

RELIER JP: 336
REMAGEN W: 3755
REMBIESA R: 1144
REMOLD HG: 3757
REMOLD-ODONNELL E: 3756-3757
REMY J: 725
REMY J: 3758
RENAULD A: 3759
RENFREE MB: 3760-3761
RENGO F: 3930
RENIER JC: 407
RENNELS EG: 485
RENNER PA: 3263
RENNIE MJ: 3762
RENPENNING HJ: 1506
REPINA AI: 1075
REPKE DW: 4596
REPPPEL L: 3517
RESCHINI E: 3763
RESEGGOTTI L: 3764
RESEFF L: 4541
RESI L: 4781
RESKO JA: 1148
REUBEN J: 1194
REUTER LA: 2699
REUTERSKIOLD G: 323
REVLAND PB: 4699
REVOLTELLA R: 3765
REVUSOVA V: 3766
REWERSKI W: 3767
REYES G: 3006
REYMANN PM: 3284
REYNAFARJE B: 3768
REYNHOUT JK: 3769
REYNIER J: 3770
REYNOLDS JS: 2226
REYNOLDS RW: 3771
REYNOLDS WA: 3772
REZABEK K: 170
REZNICEK J: 3766
REZNIK M: 3773
RHAMY RK: 4657
RIABOV SI: 3774
RIBARAC-STEPIC N: 4571
RIBES G: 2732
RICE EG: 5008
RICE JM: 4221
RICHARDS G: 3775
RICHARDSON DL: 2215
RICHARDSON JD: 3776
RICHARDSON LS: 3460
RICHART RM: 508, 1260
RICHE D: 3777
RICHMOND RC: 3638, 3778
RICHTER J: 1112, 4034
RICHTER R: 1052
RIEDE UN: 3779-3780
RIEDEL B: 577
RIETH H: 3781-3782
RIETHLING AK: 4058
RIFKIND BM: 2654
RIGAL D: 3783
RIGGIN CH: 601
RIGGS B: 3784
RIGGS BL: 325-326, 3785
RIJN J VAN: 366
RIKIMARU A: 4160
RILEY WJ: 1934
RIMBAUD P: 3786
RIMINGTON C: 3787
RIMLAND B: 3788
RINARD GA: 3789
RINDASU G: 4396
RINIKER B: 4018
RIOS MOZO M: 3790
RIPA R: 3791
RIPPEL RH: 1405
RIPPON J: 4768
RISSANEN A: 3633
RISTEVSKI B: 1160
RITCHIE RF: 4080
RITCHIE WP JR: 3792
RITOSSA F: 446, 3793
RITTEL W: 527, 4018
RITTER J: 3794
RITZ E: 2863, 3795-3796
RITZEN EM: 1756
RIUMSHIN GI: 3797
RIVERS SL: 4060
RIVES A: 196

AUTHOR INDEX

RIVIER J: 596
 RIVIER JE: 3798
 RIVIERE JF: 394
 RIVLIN RS: 3011
 RIZACK MA: 1174
 RIZVI SN: 3799-3800
 RIZZARDO E: 1788
 RIZZO A: 3801
 RIZZO SC: 3802
 RIZZONI M: 3803
 ROBBINS J: 661
 ROBEL A: 761-762
 ROBERT H: 3804
 ROBERTS DC: 3805, 4831
 ROBERTS G: 3479, 3806
 ROBERTS JS: 3807
 ROBERTS MM: 3061
 ROBERTS PF: 3808
 ROBERTS S: 4724
 ROBERTS WC: 2801
 ROBERTSHAW D: 3809
 ROBERTSON AG: 1920
 ROBERTSON GR JR: 3966
 ROBERTSON JI: 2990
 ROBERTSON JT: 3128
 ROBERTSON R: 3810
 ROBESY WG: 1912
 ROBIDOUX WF JR: 2303
 ROBIN G: 4188
 ROBINOWITZ B: 3811
 ROBINS E: 3431
 ROBINS RK: 3321
 ROBINSON A: 3812-3813
 ROBINSON AG: 3814
 ROBINSON CA: 5014
 ROBINSON CJ: 2840
 ROBINSON DW: 3815
 ROBINSON E: 3816
 ROBINSON EL: 3817
 ROBINSON GA: 3818
 ROBINSON MV: 4373
 ROBINSON S: 210
 ROBINSON TE: 3819
 ROBINSON WE: 486
 ROBISON WG JR: 3267
 ROBITAILLE P: 3820
 ROBL MG: 2356
 ROBYN C: 2661
 ROCHA SV: 3846
 ROCHEFORT JG: 3379
 ROCKEL A: 1811
 RODAN GA: 3821
 RODAN SB: 3821
 RODBELL M: 3968
 RODBRO P: 773, 3822
 RODERMUND OE: 4799
 RODGERS CH: 3823
 RODGERS GM: 3824
 RODGERS RE: 2232
 RODIER WI SD: 3825
 RODIONOV IUIA: 3826
 RODIONOV II: 3826
 RODIONOV VIA: 3826
 RODRIGUEZ P: 3827
 RODRIGUEZ R: 3093
 RODRIGUEZ BERMEJO M: 3111
 RODRIGUEZ-MINON JL: 1846
 RODRIGUEZ-ROISIN R: 196
 RODRIGUEZ CUARTERO A: 3828
 RODRIQUEZ TORRES R: 3712
 RODWELL VW: 2028
 ROENIGK HH JR: 3811
 ROFFI J: 3556
 ROFFO R: 2577
 ROGERS AE: 3829
 ROGERS J: 1227
 ROGERS JG JR: 3830
 ROGERS KJ: 1158
 ROGERS LA: 2608
 ROGINSKY MS: 3831
 ROGNSTAD R: 2228
 ROH YS: 3832
 ROHACOVA J: 4049
 ROHER HD: 4035
 ROHR HP: 3780
 ROINE P: 3833
 ROLANDI E: 995, 2032, 3834-3835
 ROLFE B: 3836
 ROLLAND R: 3837
 ROM-BUGOSLAVSKAIA ES: 10

ROMANIUK A: 3838
 ROMANOWSKI W: 3839
 ROMERO E: 1128, 2892
 ROMERO FERNANDEZ H: 2893
 ROMERO SALINAS G: 3840
 RONAGHY A: 79
 RONDIER J: 407
 RONDON-NUCETE M: 4996
 RONIS ML: 2565
 RONNEKLEIV O: 2782
 RONNEMAA T: 2
 RONNING O: 125
 ROOBOL A: 3872
 ROOK JA: 4238
 ROOKS WH 2D: 2279
 ROOS BE: 1168, 2128, 2771
 ROOS P: 3841
 ROOS RW: 3842
 ROOSSON SIA: 2404
 ROOT L: 1225
 ROOZEN KJ: 549
 ROQUES M: 3843
 ROORBAEK MADSEN PE: 3844
 ROSA JC DA: 3845
 ROSA JC: 3846
 ROSAN RC: 3847
 ROSATO EF: 3848
 ROSATO FE: 3848
 ROSE NR: 4186
 ROSE S: 3806
 ROSEN EF: 3849
 ROSEN H: 3805
 ROSEN JF: 3850
 ROSEN OM: 4778
 ROSEN RA: 3851
 ROSEN RT: 3858
 ROSEN SW: 3852
 ROSENBAUER KA: 3853
 ROSENBAUM JL: 3854
 ROSENBERG IN: 758
 ROSENBERG PA: 1844
 ROSENBERG PE: 3855
 ROSENBERG S: 2331, 3856
 ROSENBERG Z: 774
 ROSENBLATT JS: 1307
 ROSENBLUM S: 1596
 ROSENOFF SH: 3857
 ROSENQVIST U: 3858
 ROSENTHAL S: 3859
 ROSER S: 3860
 ROSHCHEINIUK VN: 1552
 ROSIN AM: 3861
 ROSIN H: 3861
 ROSMAN NP: 1436, 3862
 ROSNER JM: 655
 ROSNER W: 3863
 ROSNIATOWSKI C: 2476-2477
 ROSOFF CB: 4962, 4990
 ROSS DH: 2146
 ROSS F: 2667
 ROSS FP: 3566
 ROSS GE: 3864
 ROSS GT: 3127, 3865
 ROSS MM: 1849
 ROSSDALE P: 3866
 ROSSELIN G: 2104
 ROSSI C: 245
 ROSSI G: 4311
 ROSSIER G: 3867
 ROSSING N: 3868
 ROSSLER R: 2348, 3869
 ROSSMANN K: 1785
 ROSSMEIER A: 3870
 ROST FW: 3871
 ROSU AM: 3864
 ROSZKOWSKI I: 2120
 ROTH F: 2801
 ROTH GS: 3872-3873
 ROTH HP: 3874
 ROTH J: 2993
 ROTH J: 3875
 ROTH JJ: 2152
 ROTH M: 3876
 ROTH O: 2770
 ROTHCHILD I: 3139, 3527, 3877
 ROTHENBUCHNER G: 2661
 ROTHFIELD NF: 4253
 ROTHMUND M: 2493
 ROTI JL: 3878
 ROTNER MB: 1833, 3273

ROUAYRENC JF: 3332
 ROUBICEK CB: 3879
 ROUGIER PH: 690
 ROUHER F: 3783
 ROUJEAU J: 838
 ROUNTHWAITE FJ: 3880
 ROUSE D: 1803
 ROUTTENBERG A: 522, 795
 ROUX H: 3881
 ROUX JP: 4996
 ROW VV: 1228-1229, 4721
 ROWE GG: 3882
 ROWE PH: 871, 3883
 ROWLAND N: 3884
 ROY M: 3932
 ROY S: 4313
 ROY SK: 4204
 ROYEN PM: 3885
 ROYON M: 3884
 ROZEN VB: 4718
 ROZHCHINA TIA: 3886
 ROZHKO OT: 2928
 ROZIER JC JR: 3887
 ROZMARIC A: 3888
 ROZNIECKIM M: 3500
 ROZUMENKO MB: 3889
 ROZYCKI Z: 2845
 RUBEIRO B: 2118
 RUBENS R: 3890
 RUBIN H: 3891
 RUBIN RT: 3885
 RUBINI ME: 1584
 RUBIO LOTVIN B: 3892
 RUBIO RUBIO JM: 183
 RUCH W: 2365
 RUCK N: 843
 RUDDERS RA: 2257
 RUDEK Z: 3893
 RUDIN L: 3894
 RUDINGER J: 2894
 RUDKIN GT: 3895
 RUDOLF LE: 4321
 RUDORFF KH: 2624
 RUDY TA: 402
 RUEGER RG: 3896
 RUEGG M: 3897
 RUFFNER BW: 3898
 RUGGIERO N: 523
 RUHLE KH: 1774
 RUHLEN JR: 1841
 RUIPEREZ ABIZANDA JA: 3111
 RUITENBERG EJ: 3899
 RUITTON-UGLIENGO A: 1358
 RUIZ A: 966
 RUIZ DC: 4440
 RUIZ E: 317, 2646-2647
 RUIZ MORENO JA: 3892
 RUIZ PALOMO F: 3534
 RUIZ-VALDEPENAS MP: 1846
 RUIZ VELASCO V: 3840, 3900
 RUKA W: 3901
 RUKENSTEIN A: 1517
 RULLIS I: 3427
 RUMPELT HJ: 3902
 RUOSLAHTI E: 3903
 RURAK DW: 3904
 RUSCHE HJ: 1847-1848
 RUSCHER H: 1235-1236, 2029, 3904
 RUSH BF JR: 2587
 RUSH RA: 3905
 RUSHWORTH RG: 2297
 RUSINA NF: 3694
 RUSSELL JC: 3906
 RUSSELL JT: 1691, 3907-3908
 RUSSELL PJ: 1940
 RUSSELL R: 2585, 3909
 RUSSELL RG: 3910-3911
 RUSSKII LE: 4707
 RUSSO A: 3912
 RUSSO L: 3912
 RUSU M: 3913
 RUTHERFORD E: 1612
 RUTTEN GA: 2769
 RUTTEN WJ: 2760
 RYAN D: 1114
 RYAN GB: 1424
 RYAN KJ: 705
 RYBAKOWA M: 3914-3915
 RYBINNIK IM: 4670
 RYBKINA NN: 3916

AUTHOR INDEX

RYCKEWAERT A: 3917
 RYFFEL G: 3918
 RYHANEN L: 3919
 RYLE M: 3920
 RYSANEK K: 3921
 RZASA J: 3922

S

SAAD WA: 3923
 SAARI M: 3459
 SAARIKOSKI S: 384
 SAARINEN P: 1594
 SAARNIVAARA L: 39
 SAATOV T: 3924
 SAAVEDRA JM: 555, 3925-3927
 SABA P: 3928, 3970
 SABBOT I: 3929
 SACCA L: 3930
 SACCHETTI C: 3931
 SACHDEV YR: 3932
 SACHDEVA HS: 3933-3935
 SACHS BD: 1845
 SACHS C: 2154
 SACHS L: 387, 4941
 SACK DA: 1086
 SACK RB: 1086
 SACKS P: 369
 SADKOV SA: 1193
 SADOFF L: 3936
 SADOUL P: 3937
 SADOWSKI P: 2348
 SAEED SA: 617
 SAEKI K: 3938
 SAENGER W: 3980
 SAEVA G: 2391
 SAFFRAN M: 3508
 EL-SAFURY S: 3939
 SAGDULLAEV ZZ: 5012
 SAGE BA: 2745
 SAGE M: 1031
 SAGISAKA K: 3940
 SAHEL J: 3989
 SAHU SK: 3649
 SAID AH: 3941
 SAID SI: 3195, 3942
 SAIDAPUR SK: 3943
 SAIDUDDIN S: 3944
 ST CLAIR RW: 3945
 ST LAURENT J: 3946
 SAINTE-MARIE G: 3947
 SAITO K: 2217
 SAITO N: 3948
 SAITO S: 2302
 SAITO T: 4435
 SAJI Y: 1410
 SAKAI H: 3949
 SAKAI T: 3224, 3950, 4958
 SAKAI Y: 45
 SAKAIDA M: 4463
 SAKAKI H: 3951
 SAKAKIBARA S: 4757
 SAKAMOTO K: 3297
 SAKAMOTO N: 2954
 SAKAMOTO S: 3952
 SAKANASHI M: 3297
 SAKATO M: 4158
 SAKELLARIS PC: 3953-3954
 SAKHAROV MI: 3955
 SAKODA M: 3956
 SAKSENA SK: 3957
 SAKURADA N: 3958
 SAKURADA T: 3959-3961
 SAKURAI M: 3962
 SAKURAMI T: 3963
 SALAJAN V: 2014
 SALANI G: 619
 SALARDI S: 627-629
 SALASPURO M: 3903
 SALAZAR H: 3964
 SALCEDA R: 3463
 SALEH M: 3340
 SALGANIK RI: 135, 3965
 SALMON C: 336
 SALMON TN: 3966
 SALMOND CE: 2926
 SALOMON D: 1534
 SALOMON MI: 3967, 4489
 SALOMON Y: 3968
 SALTIEL H: 3969

SALTZMAN GF: 2688
 SALUJA PG: 1739
 SALVADORINI F: 3928, 3970
 SALVATO JA: 3971
 SALVATORE G: 1369, 2543
 SALVATORELLI G: 126
 SALVIOLI JE: 661
 SALTER DC: 3972
 SALTER WR: 3972
 SALZER H: 1388
 SALZMAN EW: 24
 SAMA SK: 1518
 SAMANAN NA: 3973
 SAMARDZIC R: 304
 SAMARINA AG: 3974
 SAMOCHOWIEC E: 1528
 SAMOILIKOVA TI: 1583
 SAMOILOV KA: 3975
 SAMPLINER RE: 3976
 SAMPSON CC: 2428
 SAMS WM: 787
 SAMSONOV VA: 2571
 SAMSONOV VP: 4551
 SAMTER M: 3977
 SAMUEL AY: 3978
 SAMUELS HH: 3979
 SANCHEZ-FRANCO F: 3980
 SANDAHL B: 1832
 SANDBANK U: 3981
 SANDBERG AA: 2314, 3982
 SANDE HA: 3982
 SANDERS FU: 2975
 SANDERS MK: 4198
 SANDERS TG: 179, 3983
 SANDERS-BUSH E: 4241
 SANDLER L: 666
 SANDMAN CA: 2222
 SANDS JA: 4251
 SANFORD CH: 2475
 SANFORD PA: 1163
 SANGSTER SM: 1817
 SANJOSE G: 2892
 SANJOSE G: 2893
 SANKALE M: 3984
 SANKARANARAYANAN K: 3985
 SANTACHIARA-BENERECETTI: 245
 SANTACREU RUIZ MI: 3362
 SANTESSON B: 323
 SANTOS GW: 457
 SANTOS MELLO EM: 3004
 SANWAL PC: 3986
 SAR M: 4137
 SARADA T: 3407
 SARANTAKIS D: 1622
 SARGENT A: 4060
 SARIS NE: 48
 SARKAR CC: 3987
 SARKAR PE: 3988
 SARLES H: 828, 3989
 SARMA DP: 4478
 SARRAT H: 2896
 SARRAT R: 3990
 SARTO GE: 4503
 SAS M: 3154, 3991
 SASAKI K: 4160
 SASAKI M: 2506, 4440
 SASAKI S: 4151
 SASAKI T: 3993
 SASANO N: 3992
 SASSIN J: 4804
 SASSIN JF: 488
 SATA M: 4732
 SATIR A: 4675
 SATO A: 3382, 3993-3994
 SATO K: 2505
 SATO S: 3995
 SATTELLE DB: 3996
 SAUBERLI H: 3997
 SAUBERT CW 4TH: 4102
 SAUCIER G: 1461
 SAUDEK CD: 3337
 SAUER RT: 3998
 SAUERBRUNN JL: 989
 SAUTIERE P: 4914
 SAVASTENKO AE: 2290
 SAVATEEVA ZV: 4133
 SAVCHENKOVA MA: 4600
 SAVEGE TM: 3700
 SAVEL'EVA AV: 3999
 SAVELLO EM: 2401

SAVIC B: 3343
 SAVITS'KII SIU: 2388
 SAVKOVIC N: 4000
 SAWADA M: 3376
 SAWADA T: 2012
 SAWANO S: 4386
 SAWICKA H: 252
 SAWICKI B: 4001
 SAWYER BD: 4226
 SAWYER CH: 217, 2203
 SAWYER ME: 1669
 SAWYER PN: 4002
 SAWYER WH: 2683, 4003
 SAXENA BB: 166
 SAXENA BN: 2199
 SAXENA RK: 4004
 SAYEED A: 1515, 1738
 SAYER BL: 3082
 SAYERS G: 4005
 SCAGLIONE V: 4006
 SCALENGHE F: 3793
 SCANDELLARI C: 1243
 SCANES CG: 441-442
 SCANLON MF: 4916
 SCAPAGNINI U: 4007
 SCAPPATICCI S: 2711
 SCARAMUZZI RJ: 2203, 4008
 SCARISBRICK JJ: 4009
 SCARPA A: 677
 SCHACHTER H: 1966, 2645
 SCHAECHTELIN G: 577
 SCHAEFER CF JR: 4010
 SCHAEFER R: 4173
 SCHAEFER DJ: 888
 SCHAEFER SJ: 4011
 SCHALCH DS: 1164, 1585
 SCHALLY AV: 138-139, 646, 872, 970, 1164, 1585, 2221-2222, 3520, 4012-4013, 4700, 4978
 SCHALM OW: 670
 SCHAMS D: 4014
 SCHANBACHER BD: 4015
 SCHANKER LS: 604
 SCHAPER H: 386
 SCHAPER WK: 2655
 SCHARFF L 3D: 4817
 SCHARP CR: 1722
 SCHAUMBURG BP: 108
 SCHECKEL RE: 717
 SCHEDWILL K: 881
 SCHEID MP: 4731
 SCHEID W: 4577
 SCHEITLIN W: 858
 SCHELER F: 431, 1546, 1831, 4016
 SCHELLEKENS LA: 3637
 SCHEMMEL K: 386
 SCHENCK NL: 4017
 SCHENK A: 2646
 SCHENKEL-HULLIGER L: 4018
 SCHUEER J: 3524
 SCHICKEDANZ H: 2335
 SCHIFFER J: 269
 SCHILDKNECHT J: 4782
 SCHILLING F: 4019
 SCHILLINGER E: 4020
 SCHIMKE RN: 1375
 SCHIMMEL RJ: 4021
 SCHINDLER AE: 3267, 4022
 SCHINZEL A: 4023-4024
 SCHIOTZ PO: 1308
 SCHIRAZI M: 4025
 SCHIRPKE B: 4864
 SCHLAEGER DA: 4026-4027
 SCHLEDE E: 4028
 SCHLENK R: 90
 SCHLENKER G: 4029
 SCHLESS AP: 4348
 SCHLEUSENER H: 27, 4824
 SCHLIENGER M: 836
 SCHLOSSER HW: 3853
 SCHMAHL FW: 1997
 SCHMALZL F: 4
 SCHMID RD: 4538
 SCHMID W: 4023
 SCHMIDT CG: 4030
 SCHMIDT D: 558
 SCHMIDT I: 4031
 SCHMIDT JD: 1793
 SCHMIDT KG: 3280
 SCHMIDT MJ: 4032
 SCHMIDT P: 2396

AUTHOR INDEX

SCHMIDT RF: 3014
 SCHMIDT S: 4033
 SCHMIDT SY: 2719
 SCHMIDT W: 4034
 SCHMIDT-GAYK H: 4035
 SCHMIEDEK P: 198
 SCHMITT H: 4593
 SCHMITT R: 514-515
 SCHMITT W: 1870
 SCHMITZ HM: 3113
 SCHMUCKER K: 1387
 SCHMUCKER M: 4038
 SCHNEDL W: 4037
 SCHNEIDER C: 1808, 3113, 4038
 SCHNEIDER EG: 2355
 SCHNEIDER HJ: 2344
 SCHNEIDER HP: 5008
 SCHNEIDER J: 1586
 SCHNEIDER JA: 4039
 SCHNEIDER MD: 4040
 SCHNEIDER W: 4041
 SCHNEIDER WH: 4042
 SCHNEIDER-DETERS C: 1671
 SCHNELLE N: 3093
 SCHOENEPER EP: 4043
 SCHOEPPE W: 2863
 SCHOFFLING K: 1008, 3286
 SCHOLLER R: 1486, 2124
 SCHOLZ D: 4071
 SCHOLZ DA: 3866
 SCHOLZ P: 3529
 SCHOLZ PM: 4044
 SCHONER W: 1389
 SCHONFELDER M: 4045
 SCHONHOFER PS: 3548, 4046
 SCHOPMAN W: 489
 SCHORDERET-SLATKINE S: 4047-4048
 SCHOYSMAN R: 2421
 SCHREIBER C: 4777
 SCHREIBER V: 4049
 SCHREUDER J: 1592
 SCHRIEFERS H: 2591
 SCHRIER RW: 4050-4051
 SCHRIER SL: 1758
 SCHRODER G: 2714
 SCHRODER-BABO P: 1245
 SCHROEDER J: 4052
 SCHROEDER WA: 880
 SCHRROR K: 1651, 4053
 SCHTEINGART DE: 1854
 SCHUBERT D: 4054
 SCHUBERT J: 4055
 SCHUIT KE: 4337
 SCHULSTER D: 2806
 SCHULTE P: 4929
 SCHULTZ E: 4059
 SCHULTZ J: 4056
 SCHULZ A: 997
 SCHULZ H: 4057
 SCHULZ K: 4058
 SCHUMACHER GH: 4059
 SCHUMACHER OP: 3811
 SCHUR PH: 4060
 SCHURMANN K: 4061
 SCHUTT AJ: 3091
 SCHUTTER A DE: 493
 SCHUTZE I: 1289
 SCHWABE U: 4062
 SCHWALB MN: 4063
 SCHWANDT P: 4064
 SCHWARTZ AD: 920
 SCHWARTZ AL: 4065
 SCHWARTZ DP: 528
 SCHWARTZ FL: 305, 2973
 SCHWARTZ U: 4066
 SCHWARTZBAUM JS: 2649, 4010
 SCHWARTZEL EH: 4067
 SCHWARZ JA: 4068
 SCHWARZ VR: 4069
 SCHWARZHOFF V: 2379
 SCHWARZMEIER JD: 4070
 SCHWEDES U: 3286
 SCHWESINGER G: 4872, 4976
 SCHWESINGER WH: 845
 SCHWILLE PO: 4071
 SCHWIND JA: 1298
 SCHWINGER E: 4072
 SCHWYZER R: 2557
 SCIARRA F: 1082
 SCIRPA P: 3107

SCOGNAMIGLIO S: 1004
 SCOT M: 2935-2936, 3383-3384, 4073-4074
 SCOTT AP: 2554, 4075-4076
 SCOTT HR: 3441
 SCOTT HW JR: 4457
 SCOTT J: 4077
 SCOTT JS: 2789
 SCOTT JT: 1282
 SCOTT JW: 4078
 SCOTT SA: 889
 SCOTT WW: 4384
 SCOTTA S: 2711
 SCRIBA FC: 2330, 2723
 SCRIBNER JD: 4221
 SCRIPCARU C: 3522
 SCRIVER CR: 1557, 4079
 SCRUGGS W: 2542
 SCUDDER CL: 2215
 SCULLY RE: 2502
 SCUNCIO G: 4080
 SEALE JP: 4240
 SEALEY JE: 4081
 SEARLE AG: 351
 SEARS ML: 3264
 SEBEL E: 1979
 SEBESTYEN K: 2182
 SECHER NJ: 2558
 SEDAN R: 2101
 SEDDICK Y: 1744
 SEDGLEY NB: 2152
 SEEGER RC: 4284
 SEELIGER G: 4082
 SEELY JR: 3604
 SEEMAN P: 4083
 SEGAL M: 3571, 4084-4085
 SEGALL HD: 4088
 SEGAWA T: 3302, 4087
 SEGERSON EC JR: 4088
 SEGRE GV: 2284, 4089
 SEGUCHI H: 4090
 SEIFULLA RD: 4112
 SEINO Y: 4091
 SEIP T: 4096
 SEKI K: 4092
 SEKI M: 4092
 SEKIYA A: 4093, 4939
 SEKIYA S: 4094
 SELBY FW: 4205
 SELDIN DW: 4095
 SELENKOW HA: 2210
 SELEZNEV SA: 4096
 SELIGMANN M: 1470
 SELISSKII GD: 616
 SELIVANOVA LN: 4097
 SELIVONENKO VG: 4098
 SELL S: 4099
 SELSTAM G: 4100
 SELSTAM U: 341
 SELTZER M: 4788
 SELYATITSKAYA VG: 135
 SELYE H: 4101
 SEMBROWICH WL: 4102
 SEMENOVA LA: 3965
 SEMESHINA TM: 4103
 SEMMER JR: 4104
 SEMONSKY M: 170
 SEMPRINI ME: 4105
 SEN DK: 4106
 SEN GUPTA R: 4107
 SENCHIK IU: 4108
 SENECA P: 4569
 SENGUPTA K: 731
 SENIOR BE: 4109
 SEN'KUS' IAT: 2513
 SENN DG: 4110
 SENNOTT WM: 3269
 SENO N: 4111
 SEPPALA M: 3903
 SERBAN I: 1475
 SERBANESCU C: 3387
 SERENA SD: 2560
 SERGEEV PV: 4112
 SERIO M: 632, 1337-1338, 3506
 SEROPIAN E: 4113
 SERRA GB: 4114
 SERRANO PA: 734
 SERRANO PALACIO E: 4578
 SERRANO-RIOS M: 2949
 SERRERA CONTRERAS JL: 4115-4116
 SESSIONS DG: 383

SESTANJ K: 2030
 SETH J: 4554
 SETH SK: 4895
 SETHY VH: 4658
 SETOGUTI T: 4117
 SETTER M: 3346
 SETTY BS: 4382
 SEVERI F: 2711, 4118
 SEVETTE AM: 1344
 SEVITT S: 3521
 SEXTON TJ: 4119
 SEYBERTH HW: 4035
 SEYER-HANSEN K: 3397
 SHAAR CJ: 796
 SHABELNIK DIA: 188
 SHADA JD: 1374
 SHADRANAN I: 1293
 SHAFIE MM: 4120
 SHAFRANSKII LL: 4344
 SHAH JB: 744
 SHAH MS: 4121
 SHAH SA: 4388
 SHAH VC: 757
 SHAHAB L: 1804
 SHAHAR A: 987
 SHAIKH AA: 4122
 SHALE DJ: 4123
 SHALIAPINA VG: 3692
 SHAMBAUGH G 3D: 201
 SHAMI Y: 4124
 SHANI J: 5000
 SHANKS RA: 1568
 SHAPIRO AP: 2613
 SHAPIRO DJ: 3676
 SHAPIRO I: 4125
 SHAPIRO MS: 4126
 SHAPIRO SS: 4127
 SHAPIRO WR: 4128
 SHARKEVICH IN: 4129
 SHARMA KK: 3707
 SHARMA M: 3030
 SHARMA RC: 35
 SHARMA T: 3697
 SHARMA VN: 1061
 SHAROV BK: 4130
 SHAROV VK: 4131
 SHARP PJ: 4132
 SHARPLES MJ: 823
 SHASHKINA LF: 4133
 SHASHKOV VS: 4720
 SHASTRI KD: 2947
 SHATTIL SJ: 3147
 SHEAD GV: 3978
 SHEALY GM: 1645
 SHEARMAN DJ: 673-674
 SHEDLOVSKY A: 486
 SHEEHE PR: 861
 SHEFF RN: 4840
 SHEIL AG: 2270
 SHELANSKI ML: 4586
 SHELDEN CB: 2080
 SHELINE GE: 1072
 SHELTON M: 1977
 SHENKMAN L: 413
 SHENOLIKAR IS: 4134
 SHENTON JC: 3883
 SHEPARD TH: 4135
 SHEPHERD GR: 3313
 SHEPHERD NS: 2864
 SHEPHERD RE: 4102
 SHEPPARD B: 634
 SHEPPARD H: 4136
 SHEPPY F: 3553
 SHEPS SG: 1986
 SHER S: 3816
 SHERIDAN PJ: 1576, 4137
 SHERINS RJ: 2986
 SHERMAN BM: 2801, 4138
 SHERMAN MI: 4127
 SHERMAN RT: 770
 SHERARD DJ: 4139
 SHERWOOD CD: 4140
 SHERWOOD LM: 1167, 3595
 SHETH KJ: 4141
 SHETH KM: 757
 SHEU YS: 4142
 SHEVAH Y: 4143
 SHEVCHENKO ZHB: 4223
 SHIBATA K: 4745
 SHIBUYA M: 1863

AUTHOR INDEX

SHIDA K: 4144, 4152-4153
SHIFFMAN NJ: 4145
SHIGEI T: 4597
SHIH HH: 693
SHIKHALOVA VP: 1850
SHIKITA M: 4146
SHILINA VF: 4147
SHILS ME: 61
SHIMA S: 1885, 4148-4149
SHIMADA K: 4150
SHIMADA T: 3187
SHIMAMURA T: 4151
SHIMAZAKI J: 4152-4153
SHIMIZU B: 4637
SHIMIZU E: 3415
SHIMIZU H: 4154
SHIMIZU N: 4155
SHIMIZU T: 4117, 4156-4157
SHIMO Y: 4158
SHIMOMURA Y: 3223
SHINAGAWA S: 1405
SHINKMAN PG: 4159
SHINSAKO J: 939
SHIRAI M: 4160
SHIRE JG: 1800
SHIRLEY A: 618
SHIROKOVA NI: 1179
SHISHIBA Y: 4157, 4161
SHITTABE K: 4718
SHIUE CY: 778
SHIVERS CA: 1454
SHIZGAL HM: 4162
SHIZUME K: 4163
SHLAPAK IP: 4581
SHOCK NW: 4164
SHOEMAKER R: 1295
SHOME B: 3473, 4165-4166
SHORE B: 4167
SHORE V: 4167
SHOSTKA GD: 3774
SHOTT LD: 2279
SHOW TB: 4168
SHRYNE J: 3233
SHTERNBERG AA: 1111
SHUANGSHOTI S: 4169
SHUKLA SK: 3183, 4584
SHUKUR M: 258
SHULER JK: 4590
SHULMAN G: 347
SHUMAN DA: 69
SHUPPE NG: 4341
SHURLEY JT: 3616
SHVARTSMAN PY: 4170
SHVIRST EM: 1065
SICA RE: 2785
SICARD RE: 4171
SICOLO N: 1243
SIDORENKO DS: 1505
SIDORO AK: 4258
SIDOROV SM: 4344
SIDWELL RW: 69
SIEBER P: 4018
SIEBER SM: 4172
SIEBERT S: 4173
SIEFERT H: 4029
SIEGEL A: 4667
SIEGEL E: 4174
SIEGEL EP: 4174
SIEGEL ME: 2027
SIEGENTHALE W: 295, 337, 3735, 4683, 4685
SIEGSMUND KA: 4467
SIEGMUND P: 4175
SIESJO BK: 552
SIEWERT R: 147
SIGEL A: 4071
SIGELMANN RA: 710
SIGGINS GR: 410
SIGMAN B: 3689
SIGMUND E: 512
SIKORSKI TK: 2449
SILBER SJ: 4176
SILBERMANN M: 4177
SILBERSTEIN SD: 4178-4179
SILCOX DC: 3660
SILER T: 4947
SILER TM: 3693, 4948
SILINK K: 3596, 4180-4181, 4285
SILVA WD: 2678
SILVER J: 4182-4183
SILVER M: 3243, 3866
SILVER R: 4184
SILVERBERG S: 3392
SILVERIO C: 1460
SILVERMAN AJ: 2350, 4185
SILVERMAN DA: 4186
SILVERMAN J: 2090
SILVERMAN NA: 4187
SILVERS WK: 1467
SIM AW: 520
SIMARD SJ: 1461
SIMIONESCU L: 1310, 3615
SIMKIN A: 4188
SIMMER HH: 4189
SIMMONS DJ: 3450
SIMMONS RL: 2324
SIMON C: 3558
SIMON J: 3347
SIMON LN: 3321
SIMON NM: 4190
SIMONSEN EE: 3280
SIMPSON BR: 3700
SIMPSON CF: 263
SIMPSON CW: 4191
SIMPSON ER: 2108
SIMPSON J: 4192
SIMPSON JL: 4193
SIMPSON ME: 1, 1211, 2662, 4194
SIMPSON MG: 2579
SIMPSON-MORGAN MW: 2041
SIMS GE: 1346
SINEL'NIKOVA MP: 339
SINGER F: 4899
SINGER FR: 686
SINGER I: 324
SINGER L: 3021-3022
SINGER PA: 4195
SINGH B: 4196
SINGH BR: 4197
SINGH D: 4198-4199
SINGH EJ: 4200
SINGH JN: 4201
SINGH K: 4202
SINGH KP: 4203
SINGH MM: 2193, 4204
SINGH PP: 2947
SINGH S: 3072
SINGHAL RL: 4396-4399
SINHA AM: 371
SINHA MK: 3721-3724
SINHA YN: 4205
SINITSINA AL: 2255
SINNECKER R: 3610
SIPOWICZ I: 2449
SIRCAR PK: 4206
SIRLIN JL: 994
SIROTA TV: 4341
SISSON JC: 1580
SIUDA JF: 4207
SIVAKUMAR B: 3739
SIVULA A: 4208
SIX HR: 4618
SIZEMORE GW: 146, 3666
SIZUME K: 4386
SJO O: 773
SJOBERG NO: 1725
SJOGREN U: 503
SJOSTRAND NO: 4209
SJOSTRAND T: 4210
SKAALA I: 2363
SKAIST LB: 1573
SKAKKEBAEK NE: 3281
SKALA I: 4211
SKALBA P: 2416
SKARICA R: 4536
SKEBEL'SKAIA IUB: 4212
SKELLEY DS: 551
SKINNER AM: 1607
SKITNEVSKY H: 2945
SKIVOLOCKI WP: 4213
SKOCZOWSKA M: 1350
SKOLDBORN H: 481
SKOLNICK P: 4214
SKRIABIN GK: 4215
SKRIPKIN IUK: 4216
SKRIUCHENKOVA VA: 4217
SKYLER JS: 4218
SLADEK CD: 4219
SLADEN A: 4220
SLAGA TJ: 4221
SLATER JD: 4858
SLATER R: 4222
SLATON P: 1952
SLATOPOLSKY E: 1612
SLAVKOVSKY M: 215
SLAVNOV VN: 4223
SLIFKIN MA: 1688
SLIWA F: 4224
SLOMINSKA-ZUREK J: 2349
SLORACH SA: 98
SLUTTER HJ: 450
SLY WS: 549
SMALL EW: 4225
SMALL P: 787
SMALL R: 2082
SMALSTIG EB: 796, 4226
SMARKOVA NT: 456
SMART CJ: 1965
SMEJKAL V: 4227
SMEJKALOVA E: 4227
SMELIK PG: 4228
SMELOV NS: 4229
SMIDT CM: 102
SMIGEL M: 4230
SMIGLA K: 4224
SMILEY JD: 2106
SMIRNOV VV: 4328
SMIRNOVA TA: 2404
SMISSMAN EE: 4606
SMIT EM: 2604
SMIT SIBINGA CT: 4231
SMITH AA: 1756
SMITH AG: 4232
SMITH AJ: 250
SMITH AL: 2734
SMITH BM: 4350
SMITH BT: 4233
SMITH CB: 1378, 4234
SMITH CC: 2914
SMITH CH: 4235
SMITH CJ: 1780, 2612
SMITH CP: 1029
SMITH DA: 4234
SMITH DJ: 3604
SMITH DM: 4236
SMITH DW: 4780
SMITH EC: 1322
SMITH FG JR: 4237
SMITH GC: 1821
SMITH GH: 4238
SMITH GM: 4239
SMITH GV: 2760
SMITH HC: 4240
SMITH HE: 4241
SMITH HS: 3425
SMITH IC: 4756
SMITH IM: 2696
SMITH JA: 306, 871, 4242, 4291
SMITH JB: 3805
SMITH JF: 6
SMITH JT: 4845
SMITH LC: 1686, 3641
SMITH LD: 3769
SMITH LH: 3666
SMITH LL: 4044
SMITH MS: 3255
SMITH PC: 3432
SMITH PD: 4548
SMITH R: 913, 3910-3911
SMITH RB: 2234
SMITH RN: 3863
SMITH S: 4468
SMITH SM: 1644
SMITH SR: 4243
SMITH WB: 4244
SMITH WS: 4817
SMITS RA: 366
SMITTEN NA: 4245
SMOAKE JA: 4246
SMOLENSKII VS: 10
SMOLTANINOV VM: 4247
SMUKLER NM: 4248
SMYTH DH: 1163
SMYTHE GA: 4249-4250
SMYTHE PM: 848
SNART RS: 357, 1395
SNEDDON JM: 4870
SNEEDEN VD: 4325
SNIDER SR: 552
SNIPES W: 4251
SNOW HM: 2211

AUTHOR INDEX

SNYDER DS: 4252
 SNYDER GG 3D: 4253-4254
 SNYDER J: 2004
 SNYDER LA: 3644
 SNYDER SH: 4255
 SOBIS H: 4256, 4652
 SOBOLEV AS: 4257
 SOBOLEVA VI: 4258
 SOBRIAN SK: 3459
 SOBRINHO-SIMÕES MA: 4259
 SOCHER SH: 3381
 SOCHOCKY S: 4260
 SODE J: 483
 SODERSTEN P: 4261-4262
 SODKIN IS: 4263
 SOERGEL KH: 4264
 SOFERMAN N: 987
 SOFERMAN R: 4305
 SOFFER U: 4265
 SOFFIENTINI AN: 2564
 SOFIA RD: 4266
 SOFIJANOV N: 1180
 SOHAR E: 2256
 SOHVAL AR: 1426
 SOKABE H: 1886, 3081, 4267
 SOKOLOV NN: 3289
 SOKOLOV VE: 4268
 SOKOLOV VI: 4269
 SOLARI A: 4270
 SOLBACH HG: 4851
 SOLDA AM: 2032
 SOLER P: 277
 SOLIS RT: 4271
 SOLOFF MS: 4272
 SOLOGUB LI: 2513
 SOLOMON L: 4273
 SOLOMON LM: 3656
 SOLOV'EV VD: 4274
 SOLOV'EVA EP: 4275
 SOLOV'EVA GI: 3236
 SOLOV'EVA LP: 4276
 SOLOVJEVA EA: 1170
 SOLOWAY AH: 4277
 SOLTER D: 946
 SOMERVILLE B: 114
 SOMJEN D: 2249
 SOMJEN G: 2249
 SOMLYO AP: 4278
 SOMLYO AV: 4278
 SOMMA M: 119
 SOMMERVILLE IF: 823
 SOMMERVILLE JF: 4279
 SONDEREGGER P: 4280
 SONG SY: 4246
 SONNEMANN E: 1105
 SONNENFELD M: 3011
 SONSTEGARD DA: 3561
 SOOD VD: 4281
 SORIA J: 646, 4978
 SORLIE D: 4696
 SORRENTINO S JR: 756
 SORSA V: 4282
 SOSKA S: 4283
 SOUHAMI R: 4284
 SOUKA AR: 2048
 SOUMAR J: 4180, 4285-4286
 SOUMARMON A: 4287
 SOURKES TL: 1124, 4963
 SOUTHAM AL: 4288
 SOUZA OA: 3004
 SOW AM: 3984
 SPANGBERG L: 4289
 SPANKOVA H: 3921
 SPANN W: 1782
 SPARAGANA M: 4290
 SPARK R: 847, 4990
 SPARK RF: 3337
 SPARKES R: 1464
 SPARROW LG: 2035
 SPATHIS GS: 4291
 SPATOLA S: 1372
 SPEARS C: 2495
 SPECHT H: 4292
 SPECKMANN EW: 2777-2778
 SPECTOR D: 4293
 SPEES EK JR: 3536
 SPEHLMANN R: 4294
 SPEILLER PB: 4295
 SPELLACY WN: 3308, 4296
 SPELSBERG TC: 3381

SPENCE MA: 1183
 SPENCER T: 1290
 SPENNATI GF: 1006
 SPERANSKAIA NV: 1500
 SPERELAKIS N: 4039
 SPERLING K: 4297
 SPERLING O: 4298
 SPERLING R: 4299
 SPEROFF L: 4293
 SPIELHOFF R: 4300
 SPIELMAN H: 4301
 SPIGEL SC: 4302
 SPILBERG I: 1202
 SPILKER BA: 4303
 SPIRA PJ: 4304, 4807
 SPIRER Z: 4305
 SPIRICHEV VB: 4306
 SPIRIDONOV AA: 4307
 SPITALNY A: 1952
 SPITZER A: 3370, 4308
 SPLAWINSKI JA: 4309
 SPONA J: 2757, 4310
 SPRATTO GR: 3659
 SPRENGER E: 2736
 SPRING E: 2176
 SPROUL GT: 3732
 SPRUANCE SL: 1378
 SQUARTINI F: 4311
 SQUERZANTI R: 1230
 SQUIRE PG: 4199
 SRANKOVA L: 4312
 SREEVALSAN T: 1534
 SRINIVASAN S: 4002
 SRINIVASAN SR: 333
 SRIVASTAVA RN: 4313
 SROKA BM: 457
 SROUR M: 2440
 STADNICKA A: 4314
 STAEMMLER HJ: 4315
 STAFFURTH JS: 1523
 STAGE P: 1091
 STAHL J: 2029
 STAHL PD: 549
 STAHL SM: 4294
 STALMAN A: 4083
 STAINIER C: 4316
 STALKER AL: 4317
 STAMP TC: 1707
 STANBURY JB: 4318
 STANBURY SW: 2749
 STANESCU A: 1495
 STANFORD RE: 787
 STAPOR K: 3500
 STARK AM: 4319
 STARK J: 2236, 4320
 STARKA L: 1742
 STARLING JR: 1263, 4321
 STARUP J: 1736, 4322, 4704
 STARYKH NT: 2469
 STARZYK J: 318
 STARZYNSKI S: 2466
 STASHAK PW: 83
 STASIEWICZ J: 1427, 4323
 STASZEWSKA-BARCZAK J: 1836
 STATE D: 1294
 STATLAND BE: 109
 STAUBER WT: 4324
 STAUDACH A: 2999
 STAUDACHER V: 3605
 STAVINOHWA WB: 2146
 STEARNS HC: 4325
 STEBNER F: 2761
 STECKER E: 4145
 STEDRONSKA J: 4749
 STEEL JA: 4326
 STEELE PP: 1491
 STEER A: 783
 STEFAN M: 4327
 STEFANI DV: 4328
 STEFANOV SB: 1065
 STEFLEA M: 4396
 STEFONI S: 4654
 STEIGER U: 4329
 STEIMLE R: 4330
 STEIN BM: 662
 STEIN D: 4331
 STEIN G: 4332
 STEINBACH HL: 2822
 STEINBACH JH: 4054
 STEINBERG AH: 4272

STEINBERG ME: 2555, 4333
 STEINBERGER E: 4334-4335
 STEINBROCKER O: 4336
 STEINER G: 3190
 STEINER P: 3712
 STEINERT G: 493
 STEINFELD JR: 4337
 STEINHARDT RA: 4338
 STEINHART H: 4339
 STEINMAN RM: 4340
 STELLETSKAIA NV: 4341
 STELMASIAK Z: 4342
 STENSTROM G: 4343
 STEPANKEVICH EF: 4344
 STEPANKOVSKAIA GK: 214
 STEPHENS JR: 4345
 STEPHENSON L: 1531
 STEPHENSON MJ: 3883
 STERBA G: 1215
 STERN JJ: 2096, 4346
 STERN LZ: 4347
 STERN PH: 2842
 STERN RC: 415
 STERN SL: 4348
 STEVENS JB: 3537
 STEVENS K: 347, 369
 STEVENS LC: 4663
 STEVENS MW: 4349
 STEVENSON I: 4350
 STEWART AD: 4351
 STEWART BH: 1018
 STEWART J: 2994
 STEWART PS: 2221
 STEWART RD: 22
 STEWART T: 849
 STEWART TJ: 122
 STICKLE DL: 4187
 STIEFEL FH: 4193
 STIFEL FB: 2744
 STILLNER V: 3616
 STIMSON WH: 4352
 STOCK D: 4353
 STOCK K: 4354
 STOCKER C: 3428
 STOECKEL ME: 998
 STOGMANN W: 1661
 STOICA I: 4602
 STOICULESCU P: 3275-3276
 STOKER MG: 4355
 STOKES GS: 1979, 4356
 STOLC V: 4357
 STOLIAR B: 4358
 STOLL BA: 4359
 STOLL P: 4360
 STOLZE T: 4662
 STONE GM: 1423
 STONE TW: 4361
 STOOT JE: 4612
 STOPPELLI I: 4362
 STORM B: 37
 STORM-MATHISEN J: 4363
 STORMORKEN H: 4364
 STORRIE B: 4365
 STORY JA: 4366
 STOTSKY BA: 816
 STOTT A: 3253
 STOUFFER JE: 2964
 STOUARD J: 4367
 STRACZKOWSKI W: 4368
 STRADA SJ: 4369
 STRAKHOV EV: 3630
 STRAMBI A: 4370
 STRAMBI C: 4370
 STRANDBERG I: 4638
 STRANDHOY JW: 2355
 STRANGE RC: 4371
 STRASHIMIROV D: 110
 STRATTON LO: 2222
 STRATMANN IE: 2424
 STRAUCH BS: 4372
 STRAUS FH 2D: 4910
 STRAUSS JS: 4373
 STRAUSSER HR: 1982
 STRAUSSER JL: 984
 STREBEL U: 4685
 STREETEN DH: 929
 STREMPLE JF: 4374
 STRICKLER HS: 4375
 STRIPP B: 3007
 STROM TB: 4376

AUTHOR INDEX

FROME M: 4377
 FRONG CG: 1986
 FRONG JE: 4378
 FUART RK: 2790
 TUBBLEFIELD E: 4379
 TUCK B: 608
 TUL'NIKOV BV: 81
 TUMMVOLL HK: 4899
 TUMPF WE: 4137
 TURDY J: 2827
 TURNER H: 1956
 TUTINSKY F: 998
 TUTZ FH: 4380
 TYCZYNSKI H: 255
 TYRNA J: 2899
 UBRAMANIAN AR: 3932
 UCHATO C: 4381
 UCIU O: 1475
 UD NK: 4382
 UDILOVSKY O: 4383
 UDO T: 2877
 UFRIN G: 4384
 UGASE T: 404
 UGIHARA H: 4385, 4437
 UGIMOTO T: 4386
 UGITO T: 3324
 UKI WN: 1803
 UKO J: 2055
 ULAKHE PV: 1034, 4387
 ULICA LO: 4388
 LULLIVAN GE: 4389
 LULLIVAN JF: 4390
 LULLIVAN LJ: 754
 LULMAN FG: 5000, 5002-5003
 LULSER F: 4241
 LULTANOV IA: 4112
 LUMIDA M: 4391
 LUMIMOTO KI: 4744
 LUMMERS RJ: 400
 LUMMERSKILL WH: 2405
 LUMMITT RL: 4392
 LUN SC: 741
 LUNDAL B: 4393
 LUNDARAJ BI: 207, 1804
 LUNDARAVALLI N: 4394
 LUNDBERG DK: 2485
 LUNDBY A: 3986
 LUNDLER F: 1725-1726
 LUNDSTROM B: 3142
 LUNSHINE G: 3672
 LURANOVA J: 2470
 LURVITSEV VI: 4215
 LUSCHKE J: 2498
 LUSIC H: 3486
 LUSMAN EB: 4395
 LUSMAN HH: 2742
 LUSTA A: 4717
 LUTANU S: 4396
 LUTEDJO: 55
 LUTER KE: 4397
 LUTHERLAND DJ: 4398-4399
 LUTHERLAND EW: 3495
 LUTTERLIN NS: 840
 LUTOROV NN: 4668
 LUWA K: 784
 LUWA S: 4400-4403
 LUTZKI DT: 179, 3614
 LUTZKI I: 751
 LUTZKI M: 4582
 LUTZKI Y: 4404
 LVALANDER C: 4405
 LVALE B: 4406
 LVEJDA J: 595
 LVEKUS A: 2556
 LVENSDEN PA: 1754
 LVENSDEN UG: 4407
 LVENNBERG I: 1189
 LVENNERHOLM L: 71
 LVERDLIK RC: 3759
 LVEILOVA AK: 4408
 LVRISKY-FEIN S: 2186
 LVRISTUKHIN AI: 3618
 LWAAB DF: 1927-1928
 LWAMINATHAN R: 1348, 4409-4411
 LWAN CH: 843
 LWAN M: 3676
 LWAN RW: 4412
 LWANSON HH: 511, 3505
 LWANSON MK: 2232

SWANSON N: 2004
 SWARTZ TL: 4272
 SWEDIN G: 4309
 SWEETIN JC: 4522
 SWENSON PE: 4413
 SWERDLOFF RS: 4754
 SWITZER P: 4414
 SWYER GI: 2796, 4371
 SYKES JA: 4415
 SYLVESTER RA: 4431
 SYNDER WS: 3631
 SYNEK P: 3921
 SYTKOWSKI AJ: 4376
 SZABO D: 4416
 SZABO E: 1231
 SZABO I: 903-904
 SZABO J: 1231
 SZABO S: 296
 SZABO S: 2099, 4101, 4417
 SZABO T: 2536-2537
 SZABO-ADORIAN E: 296
 SZADUKIS-SZADURSKI L: 4418
 SZAFRANEK J: 1938
 SZALAJ W: 1427, 4323
 SZALAY GC: 4419-4422
 SZALAY KS: 4423
 SZCZESNIAK M: 4424
 SZE PY: 4425
 SZECHINSKI J: 1553
 SZECHTMAN H: 3740
 SZEKACS B: 974
 SZEMESI I: 4426
 SZENDE L: 3682-3683
 SZENDROI Z: 4427
 SZEPESI G: 4428
 SZER IS: 1476
 SZILVASSY H: 4448
 SZOLTYS M: 4314
 SZUTOWICZ A: 1370
 SZYMANSKI W: 4429

T

TABAKOFF B: 4430
 TABBARA KF: 4431
 TABEI T: 4432-4433
 TABORSKY G: 4434
 TACHIBANA Y: 4946
 TACHIZAWA H: 4435
 TADA H: 2954
 TADANO T: 4436
 TAGLIAMONTE A: 1509
 TAGUCHI I: 4153
 TAGUCHI S: 4148
 TAHILIANI ND: 2995
 TAI CL: 1958
 TAIRA N: 3228, 3385
 TAIRA Y: 4437
 TAIT JF: 56
 TAIT SA: 56
 TAKAGI H: 3302
 TAKAGI K: 2031, 4451, 4557
 TAKAGI M: 4438
 TAKAGI N: 4439-4440
 TAKAHASHI A: 2505
 TAKAHASHI H: 4441
 TAKAHASHI K: 1719
 TAKAHASHI M: 1403
 TAKAHASHI Y: 4442
 TAKAI M: 4935
 TAKAKU F: 4443
 TAKALA I: 4444
 TAKAMIZAWA H: 4094
 TAKASAKI K: 4445
 TAKASU N: 4446, 4595
 TAKATANI O: 4447
 TAKATS S: 4448
 TAKAYANAGI I: 2031, 4557
 TAKAZOE I: 4449
 TAKEICHI M: 4450
 TAKEICHI N: 2519
 TAKEKIDA H: 1796
 TAKENAKA F: 2045, 3297
 TAKENOSHITA M: 3419
 TAKEUCHI H: 2955
 TAKEUCHI K: 4451
 TAKITA T: 4625
 TAKO J: 3682
 TAL R: 1791
 TALAL N: 4431

TALAMO BR: 4750
 TALERMAN A: 4452
 TALL SR: 2404
 TALLMAN JF: 4453
 TALUKDAR CK: 4454-4455
 TALWAR GP: 4004
 TAMADA T: 4456
 TAMAOKI B: 3326-3327, 3407
 TAMBURRANO G: 107
 TAMINATO T: 4091
 TAMM D: 4457
 TAMM J: 2622
 TAMMISALO E: 2586
 TAMURA K: 751
 TAMURA S: 4458-4460
 TAMURA T: 4461
 TAN CC: 1718
 TANABE Y: 3222
 TANAKA C: 2056, 2305
 TANAKA K: 3376, 4462
 TANAKA M: 2976, 4463
 TANAKA S: 2517, 3419
 TANAKA T: 4464
 TANAKA Y: 4465
 TANG LC: 865
 TANG M: 1223, 4466
 TANG TT: 4467
 TANGANELLI I: 1615
 TANGEN O: 623
 TANIGUCHI H: 4481
 TANIGUCHI K: 4481
 TANIOKA H: 4468
 TANJI T: 2040
 TANNEBAUM M: 4469
 TAO P: 2204-2205
 TARACHAND U: 4470
 TARAKHOVSKII ML: 4471
 TARANGER J: 1189
 TARASIEWICZ M: 4472
 TARAZI RC: 1018, 1136
 TARIKAS H: 4054
 TARIKAS G: 4427
 TARKINGTON J: 785
 TARLI P: 4473
 TARNOW J: 3491
 TARTOF KD: 3895, 4474
 TASAKA K: 3938, 4475
 TASAKI I: 4476
 TASCHE V: 4477
 TASHIMA CK: 4478
 TASHJIAN AH JR: 1880, 4479
 TASKINEN MR: 3288
 TASMAN W: 4480
 TASSONI P: 627-629
 TATEISHI R: 4481
 TATEIWA M: 3956
 TATEVOSSIAN A: 4482
 TAUBERT HD: 13, 2476-2477
 TAUBNER A: 4483
 TAUGNER R: 558
 TAUROG A: 2543
 TAVES DR: 854
 TAYLOR A: 4484
 TAYLOR BD: 376
 TAYLOR CB: 1895
 TAYLOR D: 1894
 TAYLOR DJ: 429
 TAYLOR FE: 117, 812
 TAYLOR JH: 1851
 TAYLOR RG: 1346, 4485
 TAZUMI K: 127
 TCHEN TT: 4760
 TCHERTKOFF V: 4486
 TCHIPYSHEVA TA: 228
 TCHOBROUTSKY G: 4487
 TECUCIANU JF: 4488
 TEITELBAUM P: 2231
 TEJWANI BM: 3072
 TELEGDY G: 4677
 TELEGINA SA: 2484
 TELESZYNSKI M: 4489
 TELICHKO FF: 4490
 TELL GP: 2027, 4491
 TELLER WM: 1238
 TELLI AH: 4399
 TEMPLE A: 4758
 TEMPLE SA: 4492
 TEMTAMY SA: 1375
 TENNES K: 3813
 TEPLICK RS: 2744

AUTHOR INDEX

TEPLYI VK: 2520
 TEPPA-SZUMOWSKA E: 4493
 TEPPER SA: 4366
 TERADA M: 2490
 TERAJIMA Y: 4494
 TERAHI Y: 3951, 4495
 TERAU T: 4496
 TERASAWA E: 2243
 TEREKHINA AI: 4133
 TERENIUS L: 4497
 TERENZI HF: 4498
 TERHORST B: 3727
 TERNER AIA: 1282
 TERNO G: 3193
 TERQUI M: 4499
 TERRACINI B: 626
 TERRAGNO DA: 4500
 TERRAGNO NA: 2057, 4500
 TERTRIN-CLARY C: 2167
 TESHIMA Y: 4501
 TESSLER AN: 2592
 TESTA MC: 626
 TETREAULT L: 2942
 TETTEH GK: 4502
 TEUNISSEN GH: 4822
 TEZEL H: 52
 TEZEL T: 52
 THAIRU K: 2948, 3189
 THAKUR RN: 4197
 THAPLIYAL JP: 716
 THARAUD D: 3160
 THATCHER WW: 1692
 THAYSEN JR: 4783
 THEIL GB: 47
 THEILE H: 588
 THELMO WL: 3162
 THENOT JP: 1938
 THERMAN E: 4503
 THIBAUT C: 4504
 THIEBLT P: 530
 THIEBLT P: 2766-2767
 THIEDE T: 2584
 THIEL HJ: 4505
 THIELE J: 4506
 THIERY M: 3589
 THIESSEN D: 3424
 THIESSEN EU: 2632
 THJODLEIFSSON B: 4507
 THOENES W: 3902
 THOMAS AL: 3243
 THOMAS CN: 3463
 THOMAS DB: 2692-2693
 THOMAS DR: 4508
 THOMAS E: 2304
 THOMAS IT: 4780
 THOMAS JA: 305, 2973
 THOMAS PE: 3905
 THOMAS PJ: 1535-1537
 THOMAS RC: 3481
 THOMAS RD: 4509
 THOMAS RG: 1250-1251
 THOMAS SJ: 4510
 THOMAS W JR: 1322
 THOMFORD NR: 4213
 THOMLINSON RH: 4511
 THOMMES RC: 4512
 THOMPOULOS P: 4513
 THOMPSON EB: 2697
 THOMPSON ED: 4514
 THOMPSON GR: 4183
 THOMPSON IE: 4515
 THOMPSON J: 2311
 THOMPSON JB: 3604, 4516
 THOMPSON JS: 4517
 THOMPSON L: 1183
 THOMPSON RG: 2610
 THOMPSON RK: 4518
 THOMPSON S: 4221
 THOMPSON WJ: 2134, 3950
 THOMSEN K: 3374
 THOMSON JA: 2275, 4519-4520
 THOMSON JF: 4521
 THOMSON WH: 4522
 THONGBHOBESRA T: 3019
 THORELL JI: 3293
 THOREN C: 131
 THOREN L: 1639
 THORN NA: 1691, 3907-3908
 THORN W: 2237, 4523
 THORNE EG: 787

THORNER MD: 4524
 THORNER MO: 4525
 THORNEYCROFT IH: 231
 THORNGREN KG: 4526-4527
 THORNTON VF: 4528
 THORPE CW: 4529
 THRUSH DC: 4530
 THUNE PO: 4531
 THUOT C: 4532
 THURAU K: 1620, 4533
 THYGESON P: 4534
 THYS C: 1354-1355
 TICE LW: 4535
 TIEFENBACH A: 4536
 TIELENBURG R: 501
 TIEPOLO L: 4537
 TIETZE HU: 3347, 4538
 TIJOE SA: 4539
 TIKHONOV VKH: 4540
 TILGHMAN SM: 4541
 TILLISCH JH: 2559
 TIMA L: 3020
 TIMAKOVA ES: 4542
 TIMIRAS PS: 2997
 TIMSIT J: 1547
 TINDALL DJ: 1756
 TINDALL WJ: 4543
 TIPTAFT E: 564
 TIRARD A: 3843
 TISHCHENKO VG: 4544
 TISSER CC: 895
 TISSIER M: 2661
 TIWARY CM: 4545
 TKACHENKO NM: 4546
 TOADER V: 3047
 TOAFF R: 4547
 TOBACK FG: 4548
 TOBEY RA: 890, 3313
 TOBIAN L JR: 4549
 TOBIN HG: 4040
 TOCCHINI-VALENTINI GP: 4550
 TOCHILIN VI: 4551
 TODA N: 4552
 TODARO GJ: 328
 TODD ID: 817
 TODOROV S: 2885
 TOFT AD: 2043, 4553-4554
 TOGA M: 764
 TOGNETTI G: 3928, 3970
 TOGULGA G: 18
 TOJO S: 1796, 3227, 4555
 TOKER C: 4556
 TOKI S: 2173
 TOKIWA K: 3940
 TOLBA HM: 2288
 TOLIS G: 1001, 2924
 TOLKSDORF M: 2499
 TOLLAKSEN SL: 4521
 TOLOVA SV: 4258
 TOLSTOGUZOV VB: 509
 TOMA JJ JR: 3945
 TOMARO ML: 1399
 TOMASI V: 4582
 TOMIOKA M: 3140
 TOMITA N: 127
 TOMITA Y: 2295
 TOMIYAMA A: 4557
 TOMIZAWA S: 2172
 TOMKINS GM: 4558
 TOMLINSON S: 4410
 TOMOWA MP: 4559
 TOMPKINS EA: 1072
 TONDER EM VAN: 4560
 TONER P: 3118
 TONNESEN MG: 4561
 TONOMURA Y: 4391
 TONOOKA N: 3223, 4562
 TOOGOOD JH: 4563
 TOOMEY JM: 4253-4254
 TOPEL DG: 2915
 TOPOROVSKI B: 3846
 TOPPEL S: 3863
 TOPPOZADA M: 622, 4887
 TORDAY JS: 4233
 TORMEY DC: 4380
 TOROK L: 4564
 TOROSIAN ZHK: 3105
 TORRE C: 4565
 TORRE E: 4566
 TORRENCE PF: 3207

TORRES HN: 4498
 TORRESANI J: 3843
 TORRICELLI F: 1543
 TOT K: 1314
 TOTILL P: 421
 TOTROVA EA: 3660
 TOUBLANC JE: 2124
 TOUNTAS C: 4567
 TOURNAIRE J: 4568
 TOURNEFIER A: 949
 TOURNEUR R: 4569
 TOURNAIRE J: 3612
 TOVERUD SU: 886, 3698
 TOWNSLEY JD: 901
 TRACY J: 2151
 TRACY NH JR: 3966
 TRAINI E: 4570
 TRAJKOVIC D: 4571
 TRAMEZZANI JR: 1444
 TRAMS EG: 4572
 TRAN N: 4573
 TRAN-CHAU PT: 4574
 TRANIELLO S: 4575-4576
 TRAUT H: 4577
 TRECIOKAS LJ: 2904
 TREE M: 2990
 TREGAR RT: 2921
 TREGER A: 1571
 TREJO A: 649
 TREJO RODRIGUEZ G: 4578
 TRELLU X: 311
 TREMBLAY R: 310
 TREMBLAY RR: 1461
 TRENTINI GP: 3020, 4579-4580
 TRESANCHEZ JM: 1640
 TRESHCHYNSKII AI: 4581
 TREVISANI A: 4582
 TREVITHICK JR: 884
 TRIA E: 4582
 TRIAS E: 3689
 TRINCI AP: 4583
 TRINDER G: 2608
 TRINIDAD EE: 3850
 TRITSCH GL: 4584
 TRNAVSKY K: 4585
 TROST C: 342
 TROUT HH 3D: 1323
 TRUBINA IE: 4258
 TRUDEL J: 1465
 TRUDING R: 4586
 TRUFKIN VA: 2433
 TRUNCHENKOVA ES: 4587
 TRUNGER B: 4588
 TRUT LN: 289
 TRYFIATES GP: 4589-4590
 TRZECIAK WH: 2857
 TSAI JS: 3979
 TSANG CP: 4591
 TSAPOK PI: 2429
 TSCHUDI B: 4684
 TSIEN WH: 4136
 TSIOMIK VA: 4592
 TSOUCARIS-KUPFER D: 4593
 TSUANG MT: 4594
 TSUCHIYAMA H: 4437
 TSUJIMOTO A: 3299
 TSUKADA Y: 4723
 TSUKUI T: 4595
 TSUNG SH: 4596
 TSUNOO S: 3951, 4495
 TSURU H: 4597
 TSUTSUMI S: 4460
 TSUYUSAKI K: 3223
 TSUZUKI K: 4598
 TSYB AF: 4599
 TSYGANKOVA TP: 4600
 TSYROV GI: 2724
 TSYSINA ML: 2227
 TUBBERT MA: 4601
 TUCKERMAN MM: 3474
 TUDOR I: 4602
 TUKALO MA: 4603
 TULCHINSKY D: 4189, 4604
 TULLIS RE: 4605
 TULLMANN A: 4175
 TULLOCH B: 3203
 TUMILOVICH LG: 422, 4546
 TUNBRIDGE WM: 4012
 TUNG S: 4989
 TUOMISTO J: 2841, 4606

AUTHOR INDEX

TUOMISTO L: 4606
TURAKULOV IAKH: 3924, 4607
TURATTI S: 2989
TURBAKIEWICZ L: 3039
TURCU E: 4608
TURGEON J: 259
TURKOVA J: 4609
TURNBULL AC: 93, 634, 1309
TURNER P: 4610
TURNER RK: 3402
TURNNOV V: 1496
TURSKI VA: 4611
TUSHUIZEN PB: 4612
TUSQUES J: 2618, 3644
TUTTON PJ: 4613
TUUTERI L: 4614
TWERSKY J: 3675
TWITE BR: 1261
TYE CY: 1415
TYGSTRUP N: 109, 4685
TYLEN U: 2753
TYLER FH: 3199
TYLER WF: 1538
TYNDALE-BISCOE CH: 3761
TYRRELL P: 291

U

UBACHS JM: 4612
UCHIDA M: 2031
UCHIDA N: 3078
UDENFRIEND S: 3905
UDWADIA FE: 4615
UEDA G: 4616
UEHARA H: 3963
UEHLINGER E: 4617
UEKI S: 4774
UEMURA K: 4618
UESAKA N: 4619
UETTWILER A: 1001
UFFHOLTZ H: 3937
UHLENBRUCH K: 4457
UHLIR K: 4620
UHLSCHMID G: 295
UI M: 1925
UKLONSKAIA LI: 3360
ULBERG LC: 4088
ULE G: 4621
ULIANOV AM: 4622
ULLMANN A: 4623
ULLU C: 245
ULMAR G: 4624
ULMER WT: 3714
UMEZAWA H: 4625
UNDERWOOD PB JR: 3887
UNGER RH: 4626
UNGERSTEDT U: 1421, 4627
UNO J: 2040
UNRAU AM: 1397
UNSICKER K: 4628
UPHOFF DE: 4629
UPTON AR: 2785
UPTON GV: 4630
URAKAWA N: 3241
URANGA VM: 2324
URANOVA EV: 1499
URBAN E: 4631
URBANER H: 4574
URIBE A: 4632
URIEL J: 171, 4633
URIST MR: 4517
URRY DW: 4634
URRY RL: 4635
URUETA EE: 1205
USADEL KH: 3286
USKOKOVIC MR: 3239-3240, 3480
USLENGHI C: 3193
USTBERG L: 4636
USUI T: 4637
UTESHEV AB: 3191
UTIGER RD: 555, 4886
UTLEY JR: 570
UVAROVA NI: 1179
UVNAS B: 98, 4638
UYESAKA N: 2195
UZBEKOVA DG: 4639

V

VAALA S: 2350

VAANDRAGER GJ: 2604
VACCAREZZA JR: 4640
VACHIER E: 1375
VAGENAKIS AG: 180-181, 3625-3628, 4641
VAGNER-CAPODANO AM: 1430
VAGUE P: 2101
VAINER H: 4642
VAINIO H: 4643
VAISHNAVA H: 3799-3800
VAITUKAITIS JL: 3127
VAJDA F: 4182
VALCKE JC: 1354-1355
VALE W: 596, 1621
VALEVA RM: 4540
VALENTA LJ: 4644-4645
VALIQUETTE G: 4646
VALLETTE G: 3329
VALLIER GH: 408
VALLOTTON MB: 1233
VALTIN H: 2293
VALVERDE C: 317, 1019
VALZELLI L: 2417
VAN BAELEN H: 4647
VAN CAMPENHOUT J: 119
VAN CAUWENBERGE H: 4648
VANCE SE: 3542
VAN DAME HC: 4649
VANDAMME D: 4669
VANDAMME JP: 4650
VANDE WOUDE GF: 1912
VAN DE MAELE B: 4652
VANDEMARK NL: 4015
VANDENBERG G: 3693
VANDENBERG G: 4651, 4947-4948
VAN DEN BERGHE G: 4653
VANDENBERGHE MP: 1593
VANDEPUTTE M: 4256, 4652
VANDERBEEKEN Y: 2048
VANDERKOOIJ JM: 677
VANDERLAAN WP: 4205
VANDERSCHUEREN-LODEWEYCKX: 4653
VANE JR: 900, 3106
VANGELISTA A: 4654
VANGEN O: 1654
VANHAELST L: 2661
VAN HEECK J: 2642
VAN HOUT P: 1938
VANNOTTI A: 3176
VAN PELT LF: 4655
VAN THIEL DH: 4656
VANTHUYNE C: 2074
VAN WAY CW 3D: 4657
VAN WOERT ME: 553, 4658
VAN WYK JJ: 1730
VANYAN LA: 4170
VARGA JM: 4659
VARGA L: 1001
VARGA P: 4660
VARGAS JR: 1164
VARGHESE Z: 882
VARIS R: 2640
VARKARAKIS M: 4661
VARMA SK: 4662
VARNUM DS: 4663
VARON S: 602
VAROTTO L: 810
VASILENKO IIA: 4664
VASILEV VI: 2317
VASILEV VN: 4665
VASILEVA LE: 4666
VASILIADIS J: 4667
VASIN MV: 4668
VASTESAEGER M: 4669
VAUGHAN M: 3501
VAUGHN A: 2691
VAILOVA GL: 2008, 2320
VEALE WL: 4638
VECHERSKAIA TP: 2979
VECSEI P: 1555
VEDENKO BG: 4670
VEHDT VP: 1609
VEILLON B: 1256
VEITH FJ: 4295
VELARDO A: 3484
VELASCO-MARTIN A: 3627
VELENTZAS C: 2023
VELLUCCI S: 1899
VELO JP: 1547
VENDRELY C: 1132
VENER PL: 4671

VENTZ M: 3729, 4672
VENZA-TETI D: 4673
VERA A: 2549
VERCRUYSSSE J: 4669
VERDAN M: 3852
VERDONK G: 2532
VERDY M: 1469
VERECZKEY G: 2536-2537
VERENICH GI: 4674
VERESS B: 4675
VERGE JH: 311
VERGEICHIK EN: 2385
VERHOEVEN AT: 4676
VERISSIMO JM: 2301
VERLANDER MS: 82
VERMA NP: 4454
VERMES I: 4677
VERMEULEN A: 3890
VERMYLEN J: 798
VERNIKOS-DANELIS J: 3954, 4678
VERNON A: 3478
VERRESCHI IN: 4679
VERRIER B: 4680
VERWER MA: 4681
VERZEANO M: 4682
VESIN P: 690
VETTER H: 4683-4684
VETTER L: 1001
VETTER W: 295, 337, 3735, 3997, 4683-4685
VETULANI J: 4309, 4686
VEZINA J: 727
VEZINHET A: 4687
VIALI M: 4688
VIANELLO MG: 4689
VICKERSON F: 1051
VICTOR DI: 2734
VICTOR SJ: 4690
VIDAL LOPEZ F: 4691
VIES J VAN DER: 520
VIETHEN J: 90
VIGAS M: 4692
VIGNES B: 2526
VIGNON G: 407
VIGOUROUX E: 801
VIHKO R: 2097
VIRIALA A: 4693
VIINIKKA L: 2097
VIJAYAKUMAR ST: 4694
VIJAYAN E: 4695
VIK-MO H: 4696
VIKHA IV: 4697
VIKTORINOVA M: 3001
VILA T: 3627
VILADIU QUEMADA P: 4698
VILBERG TR: 4699
VILCHEZ-MARTINEZ JA: 139
VILCHEZ-MARTINEZ J: 872
VILCHEZ-MARTINEZ JA: 970, 4700
VILLALBA M: 4453
VILLANI F: 4701
VILLANUEVA GASCA A: 2726
VILLAR-PALASI C: 4042
VINEK G: 342
VINIK A: 232
VINOGRAOV AV: 4702
VINOGRAOVA EI: 4217
VINSON GP: 4703
VINTEN J: 108
VIRATA RL: 850
VIRTANEN S: 2907
VISFELDT J: 4704
VISSER HK: 499, 2604
VISSER WJ: 4705
VITTAL SB: 4706
VLACHOS P: 2665
VLADIMIROV VV: 4707
VLADIMIRSKAIA EM: 4708
VLAICU R: 2866
VLASOV NA: 4709
VLASOVA AG: 1200
VODICKA I: 2494
VOELKEL EF: 4479
VOGEL A: 4710
VOGEL E: 4711
VOGEL JJ: 1190
VOGEL R: 2557
VOGELBERG KH: 2411
VOGELGESANG GW: 4712
VOGT JH: 4713
VOHRA VG: 4714

AUTHOR INDEX

VOIGT GC: 4715
 VOIGT KD: 1944
 VOJTISEK C: 4718-4717
 VOLCHEK AG: 4718
 VOLKL A: 4621
 VOLLMAR RE: 4719
 VOLOZHIN AI: 4720
 VOLPE L: 4006
 VOLPE R: 1228-1229, 4721
 VOLZ-BOERS U: 2409
 VONDRA K: 4722
 VONGTAMA V: 4723
 VONOVICHEN P: 4381
 VON HUNGEN K: 4724
 VON KOSKULL H: 4725
 VON WESTARP C: 4721
 VOPATOVA M: 1339
 VORHIES MW: 2356
 VOROB'EVA AM: 4726
 VOROB'EVA EN: 4097
 VORONTSOV VA: 236
 VOROSHILOVSKAIA SP: 4727
 VOS GH: 846
 VOSSE GF: 4728
 VOSSE C: 1964
 VOZNIUK AG: 3535
 VRBA R: 4729
 VRBOVA H: 4730
 VRIEND J: 3155
 VRIES K DE: 450
 VTIURIN BM: 4599
 VULTERINOVA M: 2363
 VUOPALA S: 4693
 VYDELINGUM N: 3203

W

WAALER G: 3420
 WACHTEL SS: 4731
 WACKER A: 717
 WADA A: 4481
 WADA H: 3219
 WADA JA: 4732
 WADE GN: 4733
 WADKINS CL: 1213
 WAGAR G: 4734
 WAGNER GM: 4735
 WAGNER H: 1840, 1956, 2712, 4736-4738
 WAGNER PA: 742
 WAGNER R: 2738
 WAGNER T: 573
 WAHAB RM: 1275
 EL-WAHED SA: 2288
 WAHL R: 390
 WAHLE KW: 4739
 WAHLSTROM T: 3855
 WAINWRIGHT SD: 4740
 WAJCHENBERG BL: 859, 2630
 WAKELING AE: 4741
 WAKISAKA G: 128
 WAKKERS-GARRITSEN BG: 4742-4743
 WAKSMAN BH: 1316
 WAKU M: 2956
 WAKU Y: 4744
 WALAWSKA J: 3458
 WALDENMAIER C: 4745
 WALES NA: 1826
 WALK T: 3287
 WALKER FM: 4746
 WALKER MD: 4793
 WALKER S: 2832
 WALKER SH: 4747-4748
 WALL JR: 4749
 WALLACE BG: 4750
 WALLACE DC: 1183
 WALLACE EF: 4751
 WALLACE HJ JR: 1865
 WALLACE P: 3424
 WALLACE RA: 338
 WALLACE RB: 1086
 WALLACE WJ: 4752
 WALLACH S: 814
 WALLACK HI: 4753
 WALS PA: 2228
 WALSCH S: 983
 WALSH MJ: 732
 WALSH PC: 1833, 1871, 3273, 4754
 WALTER E: 4755
 WALTER MS: 264
 WALTER R: 1029, 3696, 4756-4757

WALTER U: 1056-1057
 WALTERS RA: 1188, 3313
 WALTON JS: 4756
 WALTON RJ: 3910-3911
 WALTZING P: 407
 WALUM E: 1157
 WAN SH: 4759
 WAN YP: 1984-1985
 WANAMAKER W: 2925
 WANENE GS: 738
 WANG HP: 4760
 WANG I: 288
 WANG JH: 1455
 WANG PF: 1781
 WANG SC: 4043
 WANGENSTEEN SL: 1263, 4321
 WANNEMACHER RW JR: 1493
 WANSCHELBAUM A: 1399
 WANTUCH C: 597
 WARAWA EJ: 4761
 WARBURTON D: 4762
 WARBURTON FE: 4762
 WARCHOL JB: 3045
 WARD DN: 2547-2548
 WARD WF: 4855
 WARD WR: 3454
 WARDENER HJ DE: 792
 WARDLE EN: 4763-4764
 WARING D: 959
 WARING PP: 4998
 WARLOW C: 4765
 WARNER GA: 1819
 WARNER JW: 4766
 WARNER NE: 4910
 WARNER NL: 2292
 WARNER TF: 4767
 WARNOCK ML: 4768
 WARONSKI W: 2961, 4769
 WARREN I: 3577
 WARREN RJ: 4770
 WARREN RL: 3009
 WARTNER U: 1651
 WARTOFISKY L: 3311
 WASADA T: 2009
 WASEK Z: 4771
 WASER PG: 454
 WASSERMAN L: 3522
 WASSERMAN RH: 516
 WATANABE M: 4772
 WATANABE S: 4773-4774
 WATARAI K: 2295
 WATERS DH: 1558
 WATERS JA: 3207
 WATSON CG: 4374
 WATSON DL: 299
 WATSON GS: 1991
 WATSON J: 2598, 3355
 WATSON RA: 4775
 WATTENBERG LW: 4776
 WATTERS C: 725
 WAX SD: 2509
 WAX ST: 2510
 WAXMAN S: 4777
 WAY S: 4319
 WAY WL: 2140
 WAYNE PK: 4778
 WAYNER MJ: 4779
 WDJECZAK J: 1690
 WEATHERFORD JW: 2548
 WEAVER A: 3806
 WEAVER DD: 4780
 WEAVER LH: 2959
 WEBB WR: 2509-2510, 3427
 WEBER E: 4755
 WEBER G: 3750, 4781
 WEBER MA: 4356
 WEBER R: 3918
 WEBSTER BR: 1983
 WEBSTER DM: 4518
 WEBSTER JH: 4723
 WECHSLER B: 530
 WEDDINGTON SC: 1756
 WEDEKING PW: 1781
 WEDER HG: 4782
 WEDNER HY: 3446
 WEED RG: 911
 WEEKE E: 4783
 WEEKE J: 4784
 WEEMEN BK VAN: 1915
 WEERDA H: 4785

WEGMANN W: 858
 WEHNER H: 431
 WEHRLI H: 4890-4891
 WEIGAND W: 4987
 WEIGHTMAN D: 4012
 WEIGLE WO: 4786
 WEIL C: 524
 WEILY HS: 1491
 WEINBERG U: 413
 WEINBERGER A: 4298
 WEINER IM: 861
 WEINER R: 419
 WEINER RI: 4787
 WEINFELD A: 505
 WEINHEIMER B: 2332
 WEINSTEIN I: 4788
 WEINTRAUB BD: 2294, 3852
 WEINTRAUB BM: 4789
 WEIRICH EG: 2768, 4790
 WEISBECKER L: 386
 WEISBRODE SE: 4791-4792
 WEISS B: 1265, 4369
 WEISS HD: 4793
 WEISS J: 4794
 WEISS JM: 4795
 WEISS L: 1319, 2754
 WEISS M: 4796
 WEISS RB: 4797
 WEISS RF: 915
 WEISS SJ: 1386
 WEISS SR: 4798
 WEISSBACH H: 2495
 WEISSBACH L: 4799
 WEISSLER A: 4800
 WEISSMAN EB: 4801-4802
 WEISZ K: 380
 WEITGASSER N: 4803
 WEITZMAN ED: 488, 4804
 WEITZMAN S: 4805
 WELCH CE: 4806
 WELCH KM: 4304, 4807
 WELCH M: 1898
 WELCH RM: 4808
 WELLBY ML: 4809-4812
 WELLER M: 3163, 4813
 WELLER R: 512
 WELLS FR: 4814
 WELLS WW: 3200
 WELSCH CW: 4815
 WELSHONS WJ: 4816
 WELTER DA: 4817
 WENDE W: 4818
 WENDT H: 1702
 WENNER R: 1001
 WENNING N: 1956, 4736
 WENNEMALM A: 4819
 WENT DF: 4820
 WENT M: 4821
 WENTINK GH: 4822
 WENTWORTH BC: 1538
 WENTZ AC: 2149
 WENZ B: 4823
 WENZEL KW: 2996, 4824-4825
 WEPPIERRE J: 2081
 WERDER K VON: 2723
 WERGEDAL JE: 4139
 WERMETER G: 4506
 WERNER C: 4826
 WERNER E: 1057
 WERNER H: 2624
 WERNER HV: 4827
 WERNER M: 673-674
 WERNER SC: 4828
 WERNING C: 337, 4683, 4829
 WESLEY A: 848
 WESSELS F: 1840, 1956, 4477
 WESSELY Z: 4830
 WEST CD: 3199
 WEST CE: 3805, 4831
 WEST JL: 4832
 WESTERHOLM B: 930, 4833-4834
 WESTERMAN MP: 1322
 WESTHOFEN P: 4046
 WESTLIN NE: 598
 WESTMAN-NAESER S: 3841
 WESTPHAL MC: 3587
 WETTERBERG L: 1333
 WEYMAR A: 3491
 WHALEN RE: 1602
 WHALLEY PJ: 1452

AUTHOR INDEX

WHANG-PENG J: 2716
 WHARAM MD: 4835
 WHARTON CF: 4836
 WHEDEN GD: 1614, 1872, 4837
 WHEELER AG: 4008
 WHISHAW IQ: 3819, 4838
 WHITAKER EM: 2211
 WHITE AA 3D: 4839
 WHITE HJ: 248
 WHITE IR: 2110-2112
 WHITE RI JR: 4840
 WHITE RP: 3128
 WHITE RT: 2297
 WHITE SW: 4841
 WHITE WF: 1405
 WHITEHEAD DL: 4842
 WHITEHOUSE EJ: 4703
 WHITELAW AG: 4843
 WHITFIELD JF: 2824
 WHITNEY JE: 1643
 WHITTAKER VP: 4824
 WHITTINGHAM DG: 4844
 WHITTLE B: 4845
 WIBELL L: 2706
 WICHENKUR P: 4169
 WICK G: 60, 4846
 WICKBOM I: 481
 WICKRAMASINGHE RH: 4847-4849
 WIDE L: 4850
 WIDHOLM O: 2179
 WIDMER E: 4078
 WIEBE V: 3113
 WIED D DE: 1638, 2307, 2551
 WIEGELMANN W: 4851
 WIEGERSHAUSEN B: 4058
 WIENER JD: 4852
 WIENER L: 3057
 WIENERS H: 4853
 WIENIAWSKI W: 4424
 WIERCINSKI J: 4854
 WIERNIK PH: 4793
 WIESER PB: 4855
 WIETZEBIN J: 4856
 WIG JD: 3933-3935
 WIGGERS KD: 839
 WIGGERT BO: 4857
 WIJK L VAN: 1186
 WIJK R VAN: 366
 WIKLUND PE: 598
 WILBER JF: 3307
 WILCKE O: 1807
 WILCKEN DE: 1882
 WILCOX CS: 4858
 WILCZAK K: 2805
 WILD AJ: 4859
 WILD P: 4072
 WILDENTHAL K: 3074, 4860
 WILDFUHR W: 4045
 WILDHIRT E: 4861
 WILDING RP: 3413
 WILDMEISTER W: 4862
 WILENS SL: 3391
 WILES DH: 363, 365
 WILFINGER W: 2004
 WILK M VAN DER: 501
 WILKINSON IM: 2704
 WILKINSON PM: 817
 WILKINSON PW: 4863
 WILKINSON RH JR: 989
 WILKINSON WH: 1996
 WILL H: 2447, 4864
 WILLAVOYS SP: 4879
 WILLEMS R: 4865
 WILLEN GF: 592
 WILLEY RF: 842
 WILLGERODT H: 588
 WILLIAMS DJ: 3672
 WILLIAMS DW: 1375
 WILLIAMS EM: 4866
 WILLIAMS G: 2145
 WILLIAMS GA: 1762
 WILLIAMS GH: 1916
 WILLIAMS HE: 1147
 WILLIAMS HT: 4867
 WILLIAMS J: 1237
 WILLIAMS JG: 4868
 WILLIAMS JE: 871
 WILLIAMS JJ: 1793
 WILLIAMS JP: 4869
 WILLIAMS JS: 799
 WILLIAMS K: 3270
 WILLIAMS KI: 1255, 4870-4871
 WILLIAMS LB: 2230
 WILLIAMS MG: 485
 WILLIAMS MH JR: 4872
 WILLIAMS MM: 3092
 WILLIAMS PC: 3043
 WILLIAMS R: 1154
 WILLIAMS RH: 2134, 3950
 WILLIAMS RP: 3496
 WILLIAMS TJ: 4873
 WILLIAMSON DG: 2525
 WILLIAMSON JH: 4874
 WILLICH E: 329
 WILLINGHAM AK: 2950
 WILLIS LR: 2355
 WILLOUGHBY DA: 1547
 WILLS EL: 3817
 WILLVONSEDER R: 342
 WILMANN W: 4875
 WILMS K: 4875
 WILROY RS JR: 4392
 WILSON BW: 1346
 WILSON CA: 1184, 2792, 5013
 WILSON CB: 1653
 WILSON DE: 1881, 2542
 WILSON DW: 3867, 4510
 WILSON FE: 4876
 WILSON GA: 1161, 4877
 WILSON GL: 328
 WILSON GM: 4878
 WILSON KA: 4879
 WILSON KS: 2043
 WILSON L: 4880
 WILSON M: 3040
 WILSON MB: 4881
 WILSON RG: 4882
 WILSON WR: 561
 WIMHURST JM: 1764, 4883
 WINGFIELD JC: 4884
 WINKEL P: 4885
 WINKELMANN W: 1807
 WINOKUR A: 4886
 WINTER A: 4729
 WINTER G: 2702
 WINTER J: 983
 WINZLER RJ: 1516
 WIQVIST N: 622, 992, 4887
 WIRJA IG: 55
 WIRTH G: 4888
 WIRTH W: 4889
 WIRTHLIN T: 4890-4891
 WISDOM C: 2204
 WISE RA: 4892
 WISENBAUGH T: 3068
 WISNOW RM: 4893-4894
 WISZNIEWSKA G: 4886
 WITH TK: 3787
 WITHERS HR: 274, 1624
 WITIAK DT: 4895
 WITKOP B: 3207
 WITKOWSKA E: 4314
 WITTENBORG A: 4896-4897
 WITTER A: 2551
 WITTSTUCK TA: 4871
 WLODYKA J: 3662
 WOERZ U: 431
 WOHLGEMUTH K: 2356
 WOJCICKI M: 1142
 WOJCIECHOWSKI L: 4854
 WOJCIESZEK I: 2450
 WOJCIK K: 254, 4898
 WOLF A: 4899
 WOLF G: 1215, 3829, 4191
 WOLF H: 4900
 WOLF HG: 451
 WOLF J: 1770
 WOLF ML: 3857
 WOLF PH: 1050
 WOLFE HJ: 4479
 WOLFENDEN R: 4901
 WOLFERMAN A: 4902
 WOLFF HP: 1056
 WOLFF J: 372
 WOLFF JR: 1674
 WOLFF ME: 4974
 WOLFFSON L: 4060
 WOLLEBERG Z: 1432
 WOLLEMAN M: 4903
 WOLLENBERGER A: 2447, 4864
 WOLLMAN SH: 4535
 WOLLMER A: 1382
 WOLPOWITZ A: 4904
 WOLYNSKA M: 4905
 WONG CC: 759, 4907
 WONG ET: 4906
 WONG KL: 4907-4908
 WONG MD: 4909
 WONG TW: 4910
 WOOD C: 4911
 WOOD CD: 4162
 WOOD DW: 2603
 WOOD EH: 3430
 WOOD JG: 3653
 WOOD JM: 1206
 WOOD JN: 2734
 WOOD WB: 4912
 WOODFORD R: 4913
 WOODRUFF JD: 2755, 3464
 WOODRUFF LF JR: 1645
 WOODRUFF MW: 2764
 WOODRUFF RC: 1413
 WOODS AC: 729
 WOODS CG: 3910
 WOODS GF: 467, 1915
 WOODS JE: 1890
 WOODS JW: 3179
 WOODS KR: 2474
 WOODWARD DA: 2183
 WOODWARD WD: 1297
 WOOLLETT EA: 753, 1531
 WORKMAN JB: 1072
 WORKMAN P: 2281
 WORMGOOR BH: 621
 WORMSLEY KG: 4507
 WOROCH EL: 1880
 WOUTERS-TYKOU D: 4914
 WOUTERSZ TB: 4915
 WOZNIAK M: 1070
 WRAY W: 4379
 WRIGHT CB: 4271
 WRIGHT EV: 4916
 WRIGHT I: 4917
 WRIGHT JR: 4715
 WRIGHT NA: 63
 WRIGHT TR: 1113, 4918
 WU AM: 3460
 WU C: 4919
 WU CH: 2755
 WU CW: 4920-4921
 WU FY: 4920-4921
 WU J: 1297
 WU JT: 4922
 WU JY: 4923
 WU NF: 4924
 WU PH: 4925
 WULFHEKEL U: 1119
 WULFSON NS: 4559
 WUNDERWALD P: 4926
 WURSTER-HILL DH: 4927
 WURTMAN RJ: 2005
 WUTTKE H: 4928-4929
 WUTTKE W: 1073
 WYLLIE CC: 4930
 WYLLIE AH: 4931
 WYLLIE JC: 4932
 WYLLIE L: 277
 WYMAN H: 119
 WYNGAARDEN JB: 1918
 WYNGARDEN LJ: 4741
 WYNN JO: 1213
 WYNN WT: 4172
 WYRICK RE: 4933
 WYRWICKA W: 4934
 WYSS H: 1001
 WYSZKOWSKI J: 142-143

X

XANS P: 184

Y

YADAV BN: 4197
 YAGASAKI O: 4935
 YAGER JD JR: 609
 YAGISAWA Y: 130
 YAMADA A: 783
 YAMADA K: 45
 YAMADA S: 2051

AUTHOR INDEX

YAMADA T: 838, 3399, 4448, 4595
 YAMADA Y: 4404
 YAMAGAMI I: 4404
 YAMAGAMI T: 2064
 YAMAGUCHI H: 1777
 YAMAGUCHI K: 751, 3078
 YAMAGUCHI M: 4938
 YAMAGUCHI T: 3959-3961
 YAMAIZUMI M: 1419
 YAMAMOTO H: 4937-4938, 4945
 YAMAMOTO J: 4093, 4939
 YAMAMOTO K: 4940
 YAMAMOTO M: 3959-3961
 YAMAMOTO T: 1074, 3352-3353, 4941-4942
 YAMAMURA Y: 4943
 YAMANAKA H: 4153
 YAMANAKA T: 4757
 YAMASAKI H: 3938
 YAMASHIRO S: 4111
 YAMASHITA K: 127
 YAMAZAKI H: 3634
 YAMAZAKI I: 1405
 YAMAZAKI R: 4501
 YANAGIMACHI R: 4944
 YANAI R: 3209-3210
 YANG MG: 1455
 YANG WK: 994
 YANO I: 4937, 4945
 YANOFF M: 2247
 YANOFKY C: 2884
 YARDLEY JP: 1822
 YARWOOD E: 585
 YASUHARA M: 4946
 YASUNOBU KT: 4463
 YAU SJ: 8
 YEH M: 1853
 YEN SS: 1149, 2811, 3693, 4651, 4947-4948
 YEYICH PP: 267
 YI Y: 414
 YIELDING KL: 1471
 YLIKARHI R: 4949
 YLIKORKALA O: 2105, 4950-4951
 YLOSTALO P: 2105
 YOKOKI Y: 2957
 YOKOYAMA A: 3414
 YOKOYAMA S: 3350
 YONEDA S: 1745
 YOO J: 4952
 YORKOKI Y: 4953
 YOSHIDA A: 4954
 YOSHIDA H: 2010, 4955-4958
 YOSHIDA K: 3959-3960
 YOSHIDA S: 4957-4958
 YOSHIDA T: 3942
 YOSHIDA Y: 3366
 YOSHIE S: 1926
 YOSHIKAWA M: 1408
 YOSHIMI T: 3406
 YOSHINAGA K: 2835, 3622, 4959
 YOSHITOSKI Y: 2054
 YOSHIZATO K: 1385
 YOUNG DM: 4960
 YOUNG M: 3351
 YOUNG MW: 2162
 YOUNG PN: 3134
 YOUNG RC: 4961

YOUNG RJ: 730
 YOUNG S: 4962
 YOUNG SN: 4963
 YOUNGDALE GA: 4964
 YOUNGER JB: 453
 YOUNGSON G: 2142
 YOUNOSZAI MK: 4965
 YOUSSEFNEJADIAN E: 875-876
 YU TF: 1687
 YUDKIN J: 557
 YUEN BH: 4966
 YUILL GM: 2704
 YUNGER LM: 2727
 YUNIS E: 4967
 YUROWITZKY YG: 3064

Z

ZACHARIASEN RD: 4968
 ZACHMANN M: 4969
 ZADEH J: 2595
 ZAGORSKI D: 3215
 ZAGREANU I: 2887
 ZAHAVI J: 4970
 ZAJICEK J: 4971
 ZAKHAROV AF: 4972
 ZAKHAROVA LG: 134
 ZALA AP: 3703
 ZALESKA-RUTCZYNSKA Z: 2466
 ZALIK SE: 1765
 ZALOKAR M: 4973
 ZAMAN NU: 3427
 ZAMARRON A: 3627
 ZAMBRANO D: 909
 ZAMORA MADARIA E: 183
 ZAMORSKA L: 4898
 ZANATI G: 4974
 ZANDER J: 4975
 ZANETTI ME: 2475
 ZANKER R: 4976
 ZANZI I: 814
 ZAPF J: 2993
 ZAPF K: 4977
 ZAPPULLA F: 627, 629
 ZARATE A: 646, 4978
 ZARRIN K: 4979
 ZARUBA K: 858
 ZARUBA K: 4685
 ZARUBINA NA: 456
 ZATONSKI W: 1553
 ZAUN H: 76, 2332
 ZAVETNAIA GL: 1529
 ZAWIRSKA B: 4980
 ZAZGORNIAK J: 2396
 ZBRANCA TE: 3522
 ZDRENGHEA D: 2867
 ZEBROWSKI EJ: 1955
 ZEIDLER H: 4898-4897
 ZEILMAKER GH: 387
 ZEIANLOV AS: 4981
 ZELLWEGER H: 4024, 4192
 ZENSER TV: 1023-1024
 ZERVAS NT: 4982
 ZERWEKH JE: 1788
 ZERZAWY R: 1304

ZETTERBERG A: 3314
 ZEUCHNER E: 2688
 ZEUTHEN E: 4983
 ZGORZELSKA K: 1145
 ZHARIKOV SI: 4245
 ZHATKOVA GS: 1583
 ZHELIAZKOV P: 4984
 ZHELNOV VV: 3618
 ZHEREV S: 4984
 ZHIVETS'KII VA: 2429
 ZHIZHINA NA: 4985
 ZHUCHENKO PG: 3408
 ZHURAVLEVA IL: 4268
 ZIBOH VA: 4986
 ZIEGLER M: 4987
 ZIEGLER P: 4068
 ZIEGLER R: 1610, 1870, 4988
 ZIELENIEWSKI J: 3500
 ZIEVE PD: 4036
 ZIKAKIS JP: 4989
 ZIKAN V: 170
 ZILKHA KJ: 1874
 ZIMMERMAN CE: 4990
 ZIMMERMAN DR: 910
 ZIMMERMAN EA: 4991
 ZIMMERMANN E: 2456, 4992-4993
 ZIMMERMANN P: 1775
 ZIMPRICH H: 4994
 ZINCHENKO AM: 4995
 ZINGERMAN LIA: 3535
 ZINGRAFF J: 4996
 ZINN WM: 4997
 ZIPORIN ZZ: 4998
 ZIR LM: 4999
 ZIS AP: 1269
 ZITER FA: 1378
 ZITER FM JR: 3885
 ZIV G: 5000-5003
 ZIZKA J: 5004
 ZLOMANIEC J: 571
 ZLOTNICK BJ: 469
 ZOLTAN I: 5005
 ZOPPETTI G: 829
 ZOR U: 2362, 5006
 ZRIAKOV ON: 2931
 ZSOLNAI B: 5005
 ZUBAREV VL: 5007
 ZUBEK L: 5005
 ZUBKOVA TB: 2290
 ZUCCARELLO WA: 5008
 ZUCKER I: 3864
 ZUCKER RM: 5009
 ZUCKERMAN A: 5010
 ZUCKERMAN EE: 4731
 ZUEHLKE RL: 5011
 ZUFAROV KA: 5012
 ZUMKLEY H: 4477
 ZUMPE N: 5013
 ZUSMAN RM: 4293
 ZUSPAN FP: 4290
 ZVAIFLER NJ: 2448, 5014
 ZWEIFLER AJ: 1755
 ZWICKER H: 4799
 ZWICKER M: 4988

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